

SUSTAINABILITY RESEARCH INVENTORY | 2020

Total Number of UC Davis Employees Conducting Research: 1814  
 Total Number of UC Davis Employees Conducting Sustainability Research: 641  
 Total Number of UC Davis Departments: 156  
 Total Number of UC Davis Departments Conducting Sustainability Research: 88

PI First Name	PI Last Name	CO-PI First Name	CO-PI Last Name	Admin Department	Sponsored Project Title
Timothy	Beatty			Ag & Resource Economics	Using SNAP Administrative Data to Assess the Role of SNAP in Reducing Food Insecurity
Timothy	Beatty			Ag & Resource Economics	The Effect of SNAP Benefits on the Quality of Food Households Purchase
Timothy	Beatty			Ag & Resource Economics	The Economic Viability and Growth of Organic Farming: Spatial and Temporal Variation of Organic Price Premiums at Retail and Their Transmission into Farm Prices
Timothy	Beatty			Ag & Resource Economics	Quantitatively evaluating food safety monitoring and enforcement tools
Timothy	Beatty			Ag & Resource Economics	Impact of WIC changes on retailer participation in WIC and sales
Colin	Carter			Ag & Resource Economics	Understand the Global Virus Distribution in Tomato and Development of Translational Genomic Tools to Accelerate Breeding for Resistance
Michael	Carter	Travis	Lybbert	Ag & Resource Economics	Achieving development impact with complementary stress-resistant seed & financial technologies
Michael	Carter			Ag & Resource Economics	Feed the Future Evaluating the Effectiveness of Programs that Enhance the Economic Resilience of Vulnerable Populations
Michael	Carter			Ag & Resource Economics	Innovations to Improve the Quality and Uptake of Agricultural Index Insurance in East Africa
Michael	Carter			Ag & Resource Economics	Research on the Impacts of Coaching in the Context of a Peruvian Cash Transfer Program
Rachael	Goodhue			Ag & Resource Economics	Implementing Anaerobic Soil Disinfestation for Soilborne Disease Control in Strawberries and Apple Nurseries
Rachael	Goodhue			Ag & Resource Economics	Optimal Institutional Choices For Agricultural Producers
Rachael	Goodhue			Ag & Resource Economics	Optimization/Implementation of Biologically Active Soil Amendments as Fumigation Alternative for Soil-Borne Disease Control in California Strawberry
Rachael	Goodhue			Ag & Resource Economics	Refining anaerobic soil disinfestation for strawberry and apple production
Rachael	Goodhue			Ag & Resource Economics	Integrating anaerobic soil disinfestation, crop rotation and variety for disease management in strawberry production
Anjali	Gupta			Ag & Resource Economics	Agrotourism intensive 2015; Managing the risks of agrotourism for California farm and ranch diversification
Shermain	Hardesty			Ag & Resource Economics	Place Based Innovation: An Integrated Look at Agritourism
Katrina	Jessoe			Ag & Resource Economics	Energy Savings from Commercial Energy Efficiency Research
Katrina	Jessoe			Ag & Resource Economics	Life Cycle Cost and Economic Analysis for Water Loss Performance Standards
Karen	Jetter			Ag & Resource Economics	Socio-Economic Assessment of Area-wide Pest Management of Aquatic Weeds in the Sacramento-San Joaquin River Delta
Karen	Jetter			Ag & Resource Economics	Bt-toxin based strategies for management of Diaphorina citri and citrus greening
Karen	Jetter			Ag & Resource Economics	Acquisition of Goods and Services RSA 58-2030-7-036
Karen	Jetter			Ag & Resource Economics	Socio-Economic Assessment of Area-wide Pest Management of Aquatic Weeds in the Sacramento-San Joaquin River Delta
Karen	Jetter			Ag & Resource Economics	58-2030-5-035: Acquisition of Goods and Services - MORAN, Patrick J.
Karen	Jetter			Ag & Resource Economics	58-2030-5-037: Acquisition of Goods and Services - MORAN, Patrick J.
Karen	Jetter			Ag & Resource Economics	Economic risk analysis of ACP/HLB management in Southern California
Travis	Lybbert			Ag & Resource Economics	Bringing Farmville to the tropics--using technology to help farmers learn about improved technologies
Travis	Lybbert			Ag & Resource Economics	Prize-linked mobile money savings accounts in Haiti
Travis	Lybbert			Ag & Resource Economics	Lotto-linked savings accounts
Travis	Lybbert			Ag & Resource Economics	A Gateway to Financial Inclusion for Unbanked Haitians
Travis	Lybbert			Ag & Resource Economics	Evaluation of India Grain Legume Cluster Development
Travis	Lybbert			Ag & Resource Economics	Mobile Financial Services and CDR-based Credit Scores: A Gateway to Financial Inclusion for Unbanked Haitians?
Kevin	Novan			Ag & Resource Economics	When do households participate in energy efficiency programs
Tina	Saitone			Ag & Resource Economics	Consumer Preferences for Costly Brands and Products: Implications for Cost Containment in the Women, Infants, and Children (WIC) Program
Tina	Saitone			Ag & Resource Economics	Performance Indicators of WIC Vendor Quality and Participant Satisfaction
Richard	Sexton	Tina	Saitone	Ag & Resource Economics	Partial Redemption of WIC Food Instruments: Frequency of Occurrence and Impacts of Allowable Redemption Rates
Richard	Sexton			Ag & Resource Economics	WIC Redemption Rates, Participant Choices, and Retail Market Structure: Evidence from California
Richard	Sexton			Ag & Resource Economics	Price Determination and Margin Volatility in Thinly Traded Commodity Markets
Aaron	Smith			Ag & Resource Economics	Evaluation of Yield Price Elasticity (YPE) and Uncertainty in Indirect Land Use Change (iLUC) Analysis
Aaron	Smith			Ag & Resource Economics	Estimating the response to permanent price shocks with implications for long-run price changes and U.S. market share
Aaron	Smith			Ag & Resource Economics	Quantifying the Impact of the Renewable Fuel Standard on America's Land and Water Resources
Aaron	Smith			Ag & Resource Economics	Sub-Field Variation and the Effects of Removing Small Portions of Land from Production
Daniel	Sumner			Ag & Resource Economics	Accelerating adoption of innovative conservation and sustainable best management practices
Daniel	Sumner	Hyunok	Lee	Ag & Resource Economics	Assessing Effects of Federal Crop Insurance on Supply of Specialty Crops
J	Taylor			Ag & Resource Economics	Structural Change in Mexican Agriculture and the Farm Labor Supply
J	Taylor			Ag & Resource Economics	Assessing the impact of market-based interventions on the local economy: Case studies of Cash-Based Transfers programmes in refugee camps
J	Taylor			Ag & Resource Economics	Modeling the Local-economy Impacts of Kenya's Home Grown School Meals Programme
Stephen	Vosti			Ag & Resource Economics	Phase II of Systems Optimization Model to Improve Coverage and Cost-Effectiveness of Micronutrient Intervention Programs
Stephen	Vosti			Ag & Resource Economics	Phase III of the micronutrient intervention modeling project (MINIMOD) in Ethiopia
Stephen	Vosti	Reina	Engle-Stone	Ag & Resource Economics	Equality in Higher Education, University of Nottingham
Karen	Jetter			Ag Issues Center	Development of huanglongbing resistant/tolerant citrus through genomic approaches.
Bernadette	Austin			Agr & Env Sci Deans Office	PHA - Discriminatory Marijuana Criminalization in California
Gail	Feenstra			Agr & Env Sci Deans Office	Calaveras farm to school initiative: Garden enhanced nutrition education 33474
Gail	Feenstra			Agr & Env Sci Deans Office	ProCureWorks program evaluation
Gail	Feenstra			Agr & Env Sci Deans Office	Northern California CRAFT: Supporting Beginning Specialty Crop Farmers in Seven Northern California Counties
David	Ginsburg			Agr & Env Sci Deans Office	Smarter Lunchrooms Movement of California: Moving Forward
Kristine	Godfrey			Agr & Env Sci Deans Office	Improved Detection Methods for Tuta Absoluta, a Potential New Pest of Tomatoes
Kristine	Godfrey			Agr & Env Sci Deans Office	Breaking Critical Pest-Related Trade Barriers for California Citrus Exports
Kristine	Godfrey			Agr & Env Sci Deans Office	Infrastructure Support for Research on Detection and Management of Huanglongbing and Asian Citrus Psyllid
Kristine	Godfrey			Agr & Env Sci Deans Office	Interaction of endemic plant pathogens with Candidatus Liberibacter asiaticus in citrus
Kristine	Godfrey			Agr & Env Sci Deans Office	An attract-and-kill device for the Asian citrus psyllid
Kristine	Godfrey			Agr & Env Sci Deans Office	Effect of Mixed Infections of Plant Pathogens on Detection of HLB Using Early Detection Methods
Kristine	Godfrey			Agr & Env Sci Deans Office	Effect of Mixed Infections of Plant Pathogens on Detection of HLB Using Early Detection Methods
Kristine	Godfrey			Agr & Env Sci Deans Office	Infrastructure Support for CRB-Funded Research on the Huanglongbing/Asian Citrus Psyllid Pathosystem
Kristine	Godfrey			Agr & Env Sci Deans Office	Develop therapies using a novel class of citrus-derived dual-functional antimicrobial peptides to cure HLB-positive trees and to protect healthy trees from infection
Cassie	Hartzog			Agr & Env Sci Deans Office	San Joaquin Valley Health Fund Environmental Scan
Cassie	Hartzog			Agr & Env Sci Deans Office	San Joaquin Valley Health Fund Environmental Scan - Kern County
Patrick	Huber			Agr & Env Sci Deans Office	California Sustainable Transportation Planning
Patrick	Huber			Agr & Env Sci Deans Office	Advancing the Use of Regional Conservation Assessments to Support the Mission of the Wildlife Conservation Board
Jonathan	London			Agr & Env Sci Deans Office	San Joaquin Valley Issue Briefs
C	Lovin			Agr & Env Sci Deans Office	Norman E. Borlaug International Agricultural Science And Technology Fellowship Program-Vietnam
Mindy	Romero			Agr & Env Sci Deans Office	Expanding Access to the Electoral Process for Californians
Mindy	Romero			Agr & Env Sci Deans Office	Broadening the landscape of civic engagement in California
Mindy	Romero			Agr & Env Sci Deans Office	Promoting Voter Equity under CA SB450
Mindy	Romero			Agr & Env Sci Deans Office	Building an Inclusive Civic and Political Landscape: Creating Participation Pathways for Latino Youth in California
Kate	Scow			Agr & Env Sci Deans Office	Optimizing irrigation and fertility in organic processing tomato farming systems

David	Tricoli			Agr & Env Sci Deans Office	Expanding the Range of Grape Rootstock and Scion Genotypes that Can Be Genetically Modified for Use in Research and Product Development
David	Tricoli			Agr & Env Sci Deans Office	Grape protoplast isolation and regeneration of plants for use in gene editing technology
Selina	Wang			Agr & Env Sci Deans Office	Novel Lye-Curing Replacement Process for California Olives to Eliminate Toxic Waste Chemicals and Conserve Water Resources
Selina	Wang			Agr & Env Sci Deans Office	Developing advanced chemical methods for assessing organoleptic properties of virgin olive oil as a tool for improving its quality
Keith	Bein	Anthony	Wexler	Air Quality Research Center	Biomimetic Carbon Capture Compounds: Non-toxic Substitutes for Amines
Ann	Dillner			Air Quality Research Center	Improving measurements of OM and OM/OC in aerosol samples
Ann	Dillner			Air Quality Research Center	Research and Development to Support the Interagency Monitoring of Protected Visual Environments (IMPROVE) - Enhancing the Quality and Scope of Aerosol Data Collection
Ian	Faloon			Air Quality Research Center	A Study of Long Range Transport of Ozone to the San Joaquin Valley - Phase II
Marc	Fischer			Air Quality Research Center	Greenhouse gas measurements at Walnut Grove tower
Marc	Fischer			Air Quality Research Center	Quantification of Methane from California's Plugged&Abandoned (AP) O&G Wells: Effects of Land Subsidence and Other Factors
Nicole	Hyslop			Air Quality Research Center	Delivery Order 11: EPA Chemical Speciation Network
Nicole	Hyslop			Air Quality Research Center	Task Order 5: 140P2118F0197 IMPROVE Network Filter Analysis
Charles	Mcdade			Air Quality Research Center	Independent QA/QC for the UC Davis/CARB asthma study
Sean	Raffuse			Air Quality Research Center	Improving Fire Activity and Smoke Emissions Modeling
Nicholas	Spada			Air Quality Research Center	Oakland metallic aerosols study
Anthony	Wexler			Air Quality Research Center	Improving Chemical Mechanisms For Ozone And Secondary Organic Carbon
Anthony	Wexler			Air Quality Research Center	Understanding the fate of condensable particulate matter
Anthony	Wexler			Air Quality Research Center	Assessing Cooling Tower PM2.5 and PM10 Emissions using Advanced Instrumentation, Plume Transects, and Plume Modeling
Anthony	Wexler			Air Quality Research Center	Design and Development of an Instrument for Toxic-Metal Aerosol Real Time Analysis (TARTA)
Charlotte	Biltekoff			American Studies	Standard Grant: Investigating the 'grand challenge' solutions of agro-tech
Alison	Van Eenennaam			Animal Science	Integrated Program for Reducing Bovine Respiratory Disease Complex in Beef and Dairy Cattle
Bernard	May			Animal Science	Use of Autonomic Recording Units to Monitor California Clapper Rail Calling Rates in a Tidal Marsh Ecosystem
Bernard	May			Animal Science	Yosemite Toad Project
Mary	Delany			Animal Science	Genome Biology Of Marek's Disease: Viral Integration And Genome Alterations In Genetically Resistant And Susceptible Stocks
Ermias	Kebreab			Animal Science	Environmental and Endogenous Factors Affecting Egg Quality and Caviar Yield in Farmed Sturgeon
S	Doroshov			Animal Science	Environmental and Endogenous Factors Affecting Egg Quality and Caviar Yield in Farmed Sturgeon
Bernard	May			Animal Science	Environmental and Endogenous Factors Affecting Egg Quality and Caviar Yield in Farmed Sturgeon
Fred	Conte			Animal Science	Environmental And Endogenous Factors Affecting Egg Quality And Caviar Yield In Farmed Sturgeon
Huaijun	Zhou			Animal Science	Genomics For Improving Animal Production
Huaijun	Zhou	Pablo	Ross	Animal Science	Genome Wide Identification and Annotation of Functional Regulatory Regions in Livestock Species
James	Murray	Elizabeth	Maga	Animal Science	Improvement of dairy animal well-being by genetic dehorning
Andrea	Schreier			Animal Science	Determining causes, costs, and benefits of triploidization to improve sturgeon caviar production
Anita	Oberbauer			Animal Science	California Spotted Owl Conservation and Population Monitoring in the Sierra Nevada, California
Andrea	Schreier	Melinda	Baerwald	Animal Science	Using fecal DNA survey protocols to optimize traditional exit hole surveys and increase detection rates for VELB
Dietmar	Kueltz			Animal Science	Optimization of Tilapia Nutrition by Understanding the Mechanistic Basis of Amino-Acid/Peptide Transport in their Gut
Amanda	Finger	Bernard	May	Animal Science	Environmental DNA assays for listed vernal pool branchiopods and biodiversity assessment: Applications for range-wide surveys and conservation prioritization
Anne	Todgham			Animal Science	RU1: Synergistic Effects of Ocean Acidification and Warming on Larval Development in Antarctic Fishes
Juan	Medrano			Animal Science	Implementation of Genetic Selection for Grazing Distribution to Make Cattle Grazing in the Western US More Sustainable
Andrea	Schreier			Animal Science	Genetic Monitoring of KTOI Broodstock
Amanda	Finger			Animal Science	Genetic Examination of Walker Basin Lahontan Cutthroat Trout to Inform Translocation and Recovery Efforts
Fred	Conte			Animal Science	The Economic Impacts of Regulations on Shellfish and Trout Aquaculture Growth in the Western United States
Huaijun	Zhou			Animal Science	Genome wide identification and annotation of functional regulatory regions in livestock species
Ermias	Kebreab			Animal Science	Characterize California-specific cattle feed rations and improve modeling of enteric fermentation for California's GHG inventory
Alison	van Eenennaam	Pablo	Ross	Animal Science	Genetic containment in livestock via CRISPR-mediated gene knock-in
Russell	Hovey			Animal Science	Increasing pork production efficiency through enhanced lactation
Amanda	Finger			Animal Science	Phylogenetic Analysis of Vernal Pool Branchiopods in California
Amanda	Finger			Animal Science	Estimating effective population size and long term-monitoring of Delta Smelt
Mariah	Meek			Animal Science	Genetic Analysis of Bay-Delta Chinook Salmon
Maja	Makagon-Stuart			Animal Science	Causes of Keel Abnormalities in Laying Hens Housed in Enriched Colony Cages
Andrea	Schreier			Animal Science	Ploidy Screening and Genetic Analysis of Snake River White Sturgeon Conservation Aquaculture Programs
Dietmar	Kueltz			Animal Science	NSF-IOS-BSF: Biochemical and genetic basis of salinity tolerance in tilapia
Amanda	Finger			Animal Science	Methods development for environmental DNA surveying of the wild Delta Smelt population
Juan	Medrano			Animal Science	Genomic analyses of thermo-tolerance in Holstein dairy cattle managed during summer in southern Sonora Mexico
Anita	Oberbauer			Animal Science	California Spotted Owl Demography and Monitoring
Ermias	Kebreab			Animal Science	Development of ration formulation and enteric methane calculation software for dairy cattle in Vietnam
Anne	Todgham			Animal Science	Determining causes, costs, and benefits of triploidization to improve sturgeon caviar production
Ermias	Kebreab			Animal Science	Environmental Impact of California Dairy Industry over 50 Years
Amanda	Finger	Andrea	Schreier	Animal Science	Development of an adaptive reintroduction plan for the Delta smelt
Ermias	Kebreab			Animal Science	Feed Formulation Variability and Environmental Impact Analysis
Cassandra	Tucker			Animal Science	Phase 1 of PAACO dairy auditor training curriculum development
Pablo	Ross			Animal Science	Genome editing for enhanced animal production: A multidisciplinary educational approach
Amanda	Finger			Animal Science	Continued development and evaluation of an environmental DNA protocol to monitor wild Delta smelt
Andrea	Schreier			Animal Science	SNP Marker Development and Population Genetic Analysis of the San Fernando Valley Spineflower
Anne	Todgham			Animal Science	Understanding the mechanisms leading to a cannibalistic feeding strategy in burbot, Lota lota
Andrea	Schreier			Animal Science	Population genetics of Sacramento perch to inform a genetic management program
Michael	Miller			Animal Science	Landscape Conservation of Large Carnivores in Eastern Turkey
Alison	van Eenennaam			Animal Science	Comparative evaluation of the phenotype, genome and animal products derived from the offspring of a genome edited, hornless bull and controls
Ermias	Kebreab			Animal Science	Creating Corn Premiums through Precision Conservation and Sustainability Documentation
James	Oltjen			Animal Science	Sustainability of Beef Production in the United States Quantification of Human Edible Inputs, Protein Quality, and Allocation of Methane Production
Anne	Todgham			Animal Science	Interacting stressors: metabolic capacity to acclimate under ocean warming and CO2-acidification in early developmental stages of Antarctic fishes
Frank	Mitloehner			Animal Science	Benchmarking of pre-AMMP dairy emissions
Michael	Miller			Animal Science	Genetic and Propagation Plans for Devils Hole Pupfish
Ermias	Kebreab			Animal Science	Analyzing Trade-Offs in Animal Production
Amanda	Finger			Animal Science	Genetic Diversity and Structure of Relict dace
Ermias	Kebreab			Animal Science	Interactions between Dairy Cattle Nutrition and Management Interventions Versus Enteric and Methane Emissions and Nitrogen Excretion - Model Assessment
Michael	Miller			Animal Science	Genetic information needs for Lost River and shortnose suckers of the Klamath River basin
Deanne	Meyer			Animal Science	Climate Impact of Manure Management from California Dairies
Maja	Makagon-Stuart	Richard	Blatchford	Animal Science	Impacts of the rearing environment on keel bone integrity, spatial awareness abilities of laying hens
Ermias	Kebreab			Animal Science	Strategies to Reduce Methane Emissions from Enteric and Lagoon Sources
Andrea	Schreier			Animal Science	Sacramento perch population genetics and development of breeding plan
Joshua	Hull			Animal Science	Quantifying the frequency and effects of secondary exposure to rodenticides in barn owls
Andrea	Schreier			Animal Science	Development of SHERLOCK for Chinook and Other Species
Ermias	Kebreab			Animal Science	Capacity Building for Regional Beef Cattle and Dairy Nutrition Training and Feed Formulation in Vietnam

Frank	Mitloehner	Michael	Kleeman	Animal Science	Benchmarking of Post-AMMP Dairy Emissions and Prediction of Related Long-term Airshed Effects
Andrea	Schreier			Animal Science	Continued Genetic Monitoring of KTOI CAP and Study of 10N Reproductive Development (Project Task Order No. 1-UC Davis-GVL 2018)
Joshua	Hull			Animal Science	Investigation of the interaction between rodenticide secondary exposure and barn owls in effective control of vertebrate pest populations
Anne	Todgham			Animal Science	Understanding the mechanisms leading to a cannibalistic feeding strategy in burbot, <i>Lota lota</i> . (Task Order No. 1-UC Davis-Todgham 2018)
Andrea	Schreier			Animal Science	Development of eDNA protocol to detect pre-smolt Chinook salmon in Upper San Francisco Estuary marsh habitat
Amanda	Finger			Animal Science	Redband Trout
Ermias	Kebreab			Animal Science	EQUIP-Strengthening smallholder livestock systems for the future
Matthias	Hess			Animal Science	Harnessing Microbiome Data to Uncover Patterns of Microbial Mutualism
Elizabeth	Maga	Pablo	Ross	Animal Science	Reduction of androgens by gene editing for the genetic containment of livestock
E	Depeters	James	Oltjen	Animal Science	Almond Hulls as an effective and digestible source of neutral detergent fiber in lactating dairy cow diets
Trish	Berger			Animal Science	Boar Meat without Boar Taint: A Model
Ermias	Kebreab			Animal Science	Development of the enteric methane emissions inventory for cattle in Mexico through in vivo and in silico methodologies
Amanda	Finger			Animal Science	Ne Genome SWC
Deanne	Meyer	Daniel	Sumner	Animal Science	An economic evaluation of strategies for methane emission reduction effectiveness and appropriateness in California dairies
Ermias	Kebreab			Animal Science	Network for Mitigation of Enteric Methane, Ammonia, and Nitrous Oxide Emissions from Ruminant Livestock
Ermias	Kebreab			Animal Science	Creating Corn Premiums through Precision Conservation and Sustainability Documentation
Anna	Denicol			Animal Science	Breeding Holstein cows for heat tolerance using the slick hair gene
Amanda	Finger			Animal Science	Genetic Identification of San Francisco Estuary Fishes
Michael	Miller			Animal Science	Chehalis Chinook Diversity
Frank	Mitloehner			Animal Science	Benchmarking of Emissions from Post Application of Compost Pack Barn and Pastures in Two California Dairies
Andrea	Schreier			Animal Science	Genetic monitoring and validation of parentage based tagging methods for the Kootenai Tribe of Idaho white sturgeon conservation aquaculture program - Project Task Order No. 3
Anne	Todgham			Animal Science	Understanding the mechanisms leading to cannibalism in burbot
Andrea	Schreier			Animal Science	SOW 4: Applying SNP markers to estimate the number of spawners contributing to the Hells Canyon white sturgeon population
Ermias	Kebreab			Animal Science	Quantitative analysis of the enteric methane mitigation potential of feed additives for dairy cattle
Michael	Miller			Animal Science	Genetic analysis of Chinook Salmon from New Zealand and the Sacramento Basin
Andrea	Schreier			Animal Science	Western Regional Aquaculture Center - 29th Annual Work Plan (FY16) RENEWAL
Anne	Todgham			Animal Science	Western Regional Aquaculture Center - 29th Annual Work Plan (FY16) RENEWAL
Fred	Conte			Animal Science	Western Regional Aquaculture Center - 29th Annual Work Plan (FY16) RENEWAL
Sonja	Brodts	Alyson	Mitchell	Anr Sustainable Ag Prog	Harvesting Hedgerows: Assessing the Potential of Elderberry as a California Specialty Crop
Gail	Feenstra			Anr Sustainable Ag Prog	Agricultural Worker Time and Activity Study II
Gail	Feenstra	Gwenael	Engelskirchen	Anr Sustainable Ag Prog	Identifying Value-Added Practices and Market Potential for Moringa, an Emerging Specialty Crop for California Growers
Gail	Feenstra	Penelope	Leff	Anr Sustainable Ag Prog	Critical Success Factors for Small and Medium-Sized Farms with Direct Sales and Agritourism
Gail	Feenstra	Shermain	Hardesty	Anr Sustainable Ag Prog	Beyond Fresh and Direct: Exploring Specialty Food Market Opportunities for Small and Medium-Sized Farms
Gail	Feenstra			Anr Sustainable Ag Prog	Impacts of Values-Based Supply Chains on Small and Medium-Sized Farms
Gail	Feenstra			Anr Sustainable Ag Prog	Supporting Food Hubs to Strengthen Specialty Crop Market Channels in Northern California
Gail	Feenstra	Penelope	Leff	Anr Sustainable Ag Prog	Growing California Agritourism communities
Gail	Feenstra			Anr Sustainable Ag Prog	Petaluma Bounty Farmers Market Promotion Program
Patrick	Huber	Allan	Hollander	Anr Sustainable Ag Prog	Human health and ecosystem services as part of a sustainability assessment of the Sacramento region
Patrick	Huber	Allan	Hollander	Anr Sustainable Ag Prog	Natural Resources Assessment for the Sacramento Region
Patrick	Huber			Anr Sustainable Ag Prog	Bay Area RAMP Transportation Assessment Update
Patrick	Huber			Anr Sustainable Ag Prog	Geospatial Analysis and Natural Resource Conservation Assessment for the SACOG Region
Patrick	Huber			Anr Sustainable Ag Prog	SGC Project with Department of Water Resources
James	Quinn			Anr Sustainable Ag Prog	Riparian Summit
Kate	Scow			Anr Sustainable Ag Prog	Phosphorus Cycling in Soils: Assessing the Impact of Agricultural Practices on Phosphorus Availability and Loss Using Oxygen Isotopes of Phosphate
Kate	Scow			Anr Sustainable Ag Prog	Irrigation optimization and well pump monitoring leveraging smart meter data
Kate	Scow	Amelie	Gaudin	Anr Sustainable Ag Prog	Effects of irrigation and management practices on soil health and crop properties of processing tomatoes
Kate	Scow			Anr Sustainable Ag Prog	Integrating cover crops and soil amendments into conventional processing tomatoes to improve soil health and water management
Kate	Scow			Anr Sustainable Ag Prog	Effects of irrigation and management practices on salinity and soil health in processing tomatoes
Nicole	Tautges			Anr Sustainable Ag Prog	Optimizing Potassium Fertilizer Uptake Efficiency and Minimizing Costs in Processing Tomatoes
Thomas	Tomich			Anr Sustainable Ag Prog	SCC-RCN: Developing an informational infrastructure for building smart regional foodsheds
Damien	Caillaud			Anthropology	Continuous study and protection of 300 Grauer's gorillas in the core of the subspecies' range
Damien	Caillaud			Anthropology	Collaborative Research: The Function and Mechanism of Male Relationships In A Primate System
Margaret	Crofoot			Anthropology	IBSS-L: Inequity Aversion, Individual Decision-Making and the Emergence of Collective Behavior
Margaret	Crofoot			Anthropology	Collective Behavior in Complex Societies
Margaret	Crofoot			Anthropology	Dominance, social stability and the emergence of collective decisions in complex societies
Jelmer	Eerkens			Anthropology	Isotopic Methods for Sourcing Shell Beads in California
Jelmer	Eerkens			Anthropology	Collaborative Research: Demographic Transitions In Central California Prehistory
Suad	Joseph			Anthropology	Sustainability Research and Training Program (SRTTP)
Suad	Joseph			Anthropology	Sequential energy and compost production from organic residues
Suad	Joseph			Anthropology	Demonstration of a Novel Technology for Water Disinfection at the Sustainable City - Dubai
Suad	Joseph			Anthropology	Joseph, Suad
Suad	Joseph			Anthropology	Developing Co-Products from Anaerobic Digestion: Application of Anaerobic Digestate to Soil to Enhance Sustainable Agriculture & Waste Management
Suad	Joseph			Anthropology	Promoting a Culture of Sustainability at the Sustainability City: Identifying and Adapting Best Practices
Suad	Joseph			Anthropology	Social and technical study on electrical energy storage and energy management system for green homes and EVs
Suad	Joseph			Anthropology	Travelers' Response to Innovative Technology and Sustainability Policies in an Energy-Efficient Development in Dubai: The Sustainable City
Suad	Joseph			Anthropology	GREENER CITIES ARE COOLER CITIES: Using Vegetated Green Infrastructure to Mitigate Urban Micro-climates in Desert Urban Landscapes
Susan	Lagle			Anthropology	Investigating seasonality in Quina contexts in southwestern France
Suzana	Sawyer			Anthropology	The Chevron Case: Law, Science, and Contamination in Ecuador and Beyond
James	Smith			Anthropology	Inter-scalar Responses to International Supply Chain Regulation
Teresa	Steele			Anthropology	Varsche River 003: A New Middle Stone Age Site (Namaqualand, South Africa)
Timothy	Weaver			Anthropology	RAPID: Preserving Primate Data to Investigate the Relationship Between Skeletal Shape and Hybridization
Nicolas	Zwyns			Anthropology	The Effect Of Climate On Long Term Human Dispersal
Robyn	Rodriguez			Asian American	WELGA! Filipino-American Perspectives on the Great Grape Strike of 1965
Gail	Bornhorst			Biological & Ag Engineering	Increasing Nutrient Bioaccessibility in Fruit and Vegetable Juices through Processing
Gail	Bornhorst			Biological & Ag Engineering	Collaborative Research: Newly and To-Be-Discovered Phytometabolites of Antimicrobials: Importance to Fate in Environmental and Human Systems
Gail	Bornhorst			Biological & Ag Engineering	Enabling Computer-Aided Food Product and Process Design for Everyone
Michael	Delwiche			Biological & Ag Engineering	Improving Water Use Efficiency in California Crops with Wireless Sensing and Control
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Better understanding of sweet cherry postharvest cracking in California and potential strategies to reduce its incidence
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Integrating research strategies to increase walnut quality, drying and storage efficiency
Irwin	Donis-Gonzalez			Biological & Ag Engineering	A Novel Desiccant System Enable Energy-Efficient Drying to Reduce Post-harvest Loss of Agricultural Commodities and Foods
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Walnut 2-Stage drying/ventilated storage
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Updating ANR Pub 21614 - Refrigerated Trailer Transport of Perishable Products
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Development of New Infrared (IR) Processing Technologies for Producing High-Quality Cricket Powder
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Large-scale industry (real-life) implementation, and feasibility of the 2-stage walnut drying/ventilated storage systems/protocol
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Acquisition of Goods & Services RSA #58-2030-9-013
Irwin	Donis-Gonzalez			Biological & Ag Engineering	Handling and drying fresh harvested almonds

Irwin	Donis-Gonzalez			Biological & Ag Engineering	Integrating research strategies to increase walnut quality, drying and storage efficiency
Fadi	Fathallah			Biological & Ag Engineering	California AgrAbility 2018
Durham	Giles			Biological & Ag Engineering	Unmanned Aerial Application of Pesticides: Advancing Agricultural Spraying
Durham	Giles			Biological & Ag Engineering	Potential for Improved Spray Coverage and Reduced Drift Using Remotely-Piloted Aircraft in Almonds
Durham	Giles			Biological & Ag Engineering	Unmanned aerial application of pest control materials: Delivering targeted payload
Durham	Giles			Biological & Ag Engineering	Targeted, Spot Spraying of Rice Weeds from Remotely Piloted Aircraft
Durham	Giles			Biological & Ag Engineering	Targeted, Spot Spraying of Rice Weeds from Remotely-Piloted Aircraft
Tien-Chieh	Hung	Amanda	Finger	Biological & Ag Engineering	Delta Smelt Research and Refuge Population Development
Tien-Chieh	Hung	Tewdros	Ghebremariam	Biological & Ag Engineering	Assessment of domestication selection in captive populations of delta smelt
Tien-Chieh	Hung			Biological & Ag Engineering	Determination of Delta Smelt spawning behavior using cultured fish to inform future spawning habitat restoration
Bryan	Jenkins			Biological & Ag Engineering	Bioremediation of Biomass to Improve Thermochemical Conversion Characteristics with Reduced Emission
Bryan	Jenkins			Biological & Ag Engineering	Optimizing end-use applications of almond and walnut shells by carbonization and carbon activation
Bryan	Jenkins			Biological & Ag Engineering	An online application for decision support in siting woody biomass-to-electricity facilities in California
Tina	Jeoh			Biological & Ag Engineering	CAREER: Fundamental Studies of Enzyme-Polysaccharide Interactions Towards Improving the Kinetics of Biomass Conversion
Tina	Jeoh			Biological & Ag Engineering	Investigating A New Strategy For Effective And Inexpensive Delivery Of Lipophilic Bioactives In Foods
Tina	Jeoh			Biological & Ag Engineering	SPRAY DRY METHOD FOR ENCAPSULATION FOR BIOLOGICAL MOIETIES AND CHEMICALS IN POLYMERS CROSS-LINKED BY MULTIVALENT IONS FOR CONTROLLED RELEASE APPLICATION
Zhongli	Pan			Biological & Ag Engineering	Developing effective drying methods for minimizing quality defects for off-ground harvested almonds
Zhongli	Pan			Biological & Ag Engineering	Developing a hurdle technology of sequential ozone and infrared treatment for improved safety and quality of dried fruit
Zhongli	Pan			Biological & Ag Engineering	Development of Real-time Monitoring and Early Detection System for Insect Activity in Rice during Storage
Zhongli	Pan			Biological & Ag Engineering	Develop separation methods to reduce the moisture range of hazelnuts
Alireza	Pourreza			Biological & Ag Engineering	Early Detection of Pistachio Botryosphaeria Panicle Blight Disease Using High-throughput Plant Phenotyping
Alireza	Pourreza			Biological & Ag Engineering	Development of Spray Backstop: a low-maintenance system to reduce spray drift without limiting the spray and air delivery
Alireza	Pourreza			Biological & Ag Engineering	Development of an Unmanned Aerial Vehicle (UAV)-Based Canopy Profile Mapping Technique to Replace the Mobile Platform Lightbar
Alireza	Pourreza			Biological & Ag Engineering	Improving Date Palm Water Use Efficiency through Updated Crop Water Use information and Irrigation Practices
Alireza	Pourreza			Biological & Ag Engineering	Decision Support Tools for Spatiotemporal Integration of Citrus Virtual Orchard and Soil Sensing.
Alireza	Pourreza			Biological & Ag Engineering	Irrigation Training Program-Almond, Citrus, Grapes, Pistachio, and Walnut
Alireza	Pourreza			Biological & Ag Engineering	Novel smartphone vision tool to improve spider mite monitoring in strawberry and almond
David	Slaughter			Biological & Ag Engineering	High-throughput in-field phenotyping systems to accelerate breeding of climate-resilient vegetable crops
Shrinivasa	Upadhyaya			Biological & Ag Engineering	A leaf monitoring system for continuous measurement of plant water status to assist in irrigation management of specialty crops
Shrinivasa	Upadhyaya			Biological & Ag Engineering	A Leaf Monitoring System for Continuous Measurement of Plant Water Status to Assist in Irrigation Management of Specialty Crops
Shrinivasa	Upadhyaya			Biological & Ag Engineering	A Continuous Leaf Monitoring Systems to Detect Plant Water Status to Assist in Irrigation Management of Specialty Crops
Shrinivasa	Upadhyaya	Bruce	Lampinen	Biological & Ag Engineering	A leaf monitoring system for continuous measurement of plant water status to assist in irrigation management of specialty crops
Jean	Vanderghaynst			Biological & Ag Engineering	Ionic Liquid Resistance in a Cellulose Degrading Community
Jean	Vanderghaynst	Christopher	Simmons	Biological & Ag Engineering	Managing Soil Organic Matter Amendment and Microbial Community Structure to Enhance Soil Heating During Solarization
Jean	Vanderghaynst	Oliver	Fiehn	Biological & Ag Engineering	Managing Mixotrophic Algae Cultivation for Efficient Water Treatment and Biofuel Production
Jean	Vanderghaynst			Biological & Ag Engineering	Continuous Biological Protection and Control of Algal Pond Productivity
Jean	Vanderghaynst			Biological & Ag Engineering	The impact of almond by-product composition and nitrogen amendment on black soldier fly cultivation and quality
Ruihong	Zhang			Biological & Ag Engineering	Demonstration and Commercial Implementation of Energy Efficient Drying for Walnuts
Ruihong	Zhang			Biological & Ag Engineering	Commercial Demonstration of Innovative, Energy Efficient Infrared Processing of Healthy Fruit and Vegetable Snacks
Ruihong	Zhang			Biological & Ag Engineering	Sustainable bio-fertilizer from anaerobically digested animal manure
Ruihong	Zhang			Biological & Ag Engineering	Using Enzymes to Enhance Aerobic Digestion of Food Waste
Ruihong	Zhang			Biological & Ag Engineering	Development of On-Line Monitoring and Early Detection System for Infested Rice During Storage
Ruihong	Zhang			Biological & Ag Engineering	Development of novel antioxidant-rich healthy food products fortified with pomegranate peel powder and extract
Ruihong	Zhang	Zhongli	Pan	Biological & Ag Engineering	Development of on-line monitoring and early detection system for infested rice during storage
Ruihong	Zhang			Biological & Ag Engineering	Development of Sustainable Processing Technologies for Improving the Healthiness, Quality and Safety of Specialty Crops and their Waste Products
Ruihong	Zhang	Bryan	Jenkins	Biological & Ag Engineering	Recycling Nut and Other Organic Waste on Farms for Sustainable Nutrient Management and Nematode Control
Randy	Carney			Biomedical Engineering	Improving Specificity of Clinical CA125 Tests via Targeted Capture of Tumor-associated Exosomes
Abhijit	Chaudhari			Biomedical Engineering	Mechanisms and therapies for the neurobehavioral deficits from early Mn exposure
Simon	Cherry	Emilie	Roncali	Biomedical Engineering	Research at the Interface of Optical and Ionizing Radiation for Improved Cancer Imaging and Therapy
Jennifer	Choi			Biomedical Engineering	2019 Institutional Beckman Scholars Program
Katherine	Ferrara			Biomedical Engineering	Specific and high-resolution ultrasound imaging in cancer
Katherine	Ferrara	Douglas	Stephens	Biomedical Engineering	Large aperture and wideband modular ultrasound arrays for the diagnosis of liver cancer
Katherine	Ferrara			Biomedical Engineering	Image-guided ultrasound therapy and drug delivery in pancreatic cancer
Steven	George			Biomedical Engineering	A 3-D biomimetic human islet to model beta cell function in health and disease
Maury	Hull	Stephen	Howell	Biomedical Engineering	In vivo analysis of tibiofemoral and patellofemoral contact kinematics in kinematically aligned TKA using the Persona CR and the native knee during activities of daily living
Kristin	Aquilino	Tessa	Hill	Bodega Marine Laboratory	Adapting red abalone aquaculture for a changing ocean
Kristin	Aquilino	James	Moore	Bodega Marine Laboratory	Optimizing temperature and disease management for captive abalone reproduction in restoration and commercial aquaculture programs
Kristin	Aquilino			Bodega Marine Laboratory	Assessing the combined effects of ocean acidification and warming on disease susceptibility and restoration success of the critically endangered white abalone
Gary	Cherr			Bodega Marine Laboratory	Toxicity assessment of metallic nanoparticles for biomedical applications
Gary	Cherr			Bodega Marine Laboratory	CEIN: Predictive Toxicology Assessment & Safe Implementation of Nanotechnology in the Environment
Brian	Gaylord			Bodega Marine Laboratory	California mussels as bio-indicators of the ecological consequences of global change: temperature, ocean acidification, and hypoxia
Brian	Gaylord			Bodega Marine Laboratory	Trophic consequences of ocean acidification: Intertidal sea star predators and their grazer prey
Brian	Gaylord			Bodega Marine Laboratory	Wave Attenuation and Chemical Buffering: Determining Ecosystem Services of Grant Kelp to Southern California
Tessa	Hill			Bodega Marine Laboratory	Context and Scale of Seagrass Effects on Estuarine Acidification: An Academic Industry Partnership to Explore Mitigation Potential
Tessa	Hill			Bodega Marine Laboratory	Context and scale of seagrass effects on estuarine acidification in natural and restored seagrass beds
Tessa	Hill			Bodega Marine Laboratory	Turning the Headlights on 'High': Improving an Ocean Acidification Observation System in Support of Pacific Coast Shellfish Growers
Tessa	Hill			Bodega Marine Laboratory	Humboldt Ocean Carbon Observatory
Tessa	Hill	Eric	Sanford	Bodega Marine Laboratory	Assessment of Water Quality Conditions in and around Seven California Coastal National Parks and Ocean Acidification Synthesis for Four West Coast Parks
Tessa	Hill			Bodega Marine Laboratory	The Geography of Stress: Impacts of Ocean Acidification Along the CA Coast
Tessa	Hill			Bodega Marine Laboratory	Oceanographic and Ecological Insights for Decision Making on Ocean Acidification
John	Largier			Bodega Marine Laboratory	EESLR 2016: Marshes on the margins: Developing adaptation strategies for tidal wetlands in southern California
John	Largier			Bodega Marine Laboratory	EESLR 2016: Marshes on the margins: Developing adaptation strategies for tidal wetlands in southern California
John	Largier			Bodega Marine Laboratory	Climate Change Effects on Sediment Transport to Coast
Eric	Sanford	Andrew	Whitehead	Bodega Marine Laboratory	Developing resilience to ocean acidification in red abalone aquaculture
Kristin	Clothier			CA Animal Hlth&Food Safety Lab	CAHFS Capacity and Capability for Microbiological Testing of Animal Food Products
Beate	Crossley			CA Animal Hlth&Food Safety Lab	NAHLN: CA
Robert	Poppenga			CA Animal Hlth&Food Safety Lab	Diagnostic Toxicology Support for the VetLRN
Robert	Poppenga			CA Animal Hlth&Food Safety Lab	Validation of Carbamate Pesticide Screen for VetLRN Network

Francisco	Uzal			CA Animal Hlth&Food Safety Lab	Monoclonal Immunoprotectants for Select Agent Toxins (Mab-SAT): Clostridium Perfringens Epsilon Toxin and Staphylococcal Enterotoxin B
Francisco	Uzal			CA Animal Hlth&Food Safety Lab	Immunoprotectant for Category B Toxins
Francisco	Uzal			CA Animal Hlth&Food Safety Lab	Evaluating the Clostridium perfringens Agr-like Quorum Sensing System as a Therapeutic Target
Leslie	Woods			CA Animal Hlth&Food Safety Lab	Tule Elk Health Assessment at Point Reyes National Seashore
Francisco	Uzal			CA Animal Hlth&Food Safety Lab	Mechanisms of Action of C. Perfringens Enterotoxin
Francisco	Uzal			CA Animal Hlth&Food Safety Lab	Pathogenic Contributions of Clostridium Perfringens Nani Sialidase
Marco	Molinaro			Center for Biophotonics	Community Health Interactive Data Resource
Marco	Molinaro			Center for Biophotonics	Fostering An Evidence-Based Culture Leading To Sustainable Instructional STEM Innovation At UC Davis
John	Durand			Center for Watershed Sciences	Water quality and food production in response to water inputs and withdrawals at a tidal land-water interface
John	Durand			Center for Watershed Sciences	UCD Suisun Marsh Study: Contributions of novel habitat to historic ecosystem functioning and services
John	Durand			Center for Watershed Sciences	UCD Suisun Marsh Study: Contributions of novel habitat to historic ecosystem functioning and services
John	Durand			Center for Watershed Sciences	Striped Bass:Population dynamics and ecology of an iconic alien species
Rusty	Holleman			Center for Watershed Sciences	San Francisco Bay and Sanctuaries Model
Rusty	Holleman			Center for Watershed Sciences	Nutrient Management Strategy (NMS) Program Coordination
Carson	Jeffres			Center for Watershed Sciences	Fall River Studies
Carson	Jeffres			Center for Watershed Sciences	Research and support to understand the value of managed agricultural floodplains as salmon nursery habitat in the Central Valley of California
Carson	Jeffres			Center for Watershed Sciences	Floodplain food webs: Environmental Design, consultation and implementation of floodplain studies
Carson	Jeffres			Center for Watershed Sciences	Salmon Habitat with Support of Life-Cycle Modeling
Carson	Jeffres			Center for Watershed Sciences	Floodplains, Tidal Wetlands, and the Dark Food web: determining the heterotrophic carbon contribution to higher level consumers
Carson	Jeffres			Center for Watershed Sciences	Evaluating the Role(s) of the Butte Sink and Sutter Bypass for Butte Creek Spring-Run Chinook salmon and other Central Valley Juvenile Salmonid Populations
Carson	Jeffres			Center for Watershed Sciences	Assessing the hydrology of the Sutter Bypass and tributaries as it pertains to the life history of Butte Creek spring-run Chinook salmon and other Central Valley juvenile salmonid populations
Carson	Jeffres			Center for Watershed Sciences	Eyes and ears: Using lens and otolith isotopes to quantify critical rearing habitats for salmon viability
Rachel	Johnson			Center for Watershed Sciences	Unraveling Pathways and Sources of Selenium Exposure in Sacramento Splittail
Rachel	Johnson			Center for Watershed Sciences	Life history diversity in Central Valley Butte Creek spring-run Chinook salmon population: implications for future management
Rachel	Johnson	Anna	Sturrock	Center for Watershed Sciences	Juvenile salmon distribution, abundance, and growth in restored and relict Delta marsh habitats
Rachel	Johnson			Center for Watershed Sciences	Assessing the isotopic variation in the Sutter Bypass to track floodplain rearing in Central Valley Chinook salmon
Sharon	Lawler			Center for Watershed Sciences	Post fire ecology and habitat suitability evaluation for the proposed federally listed Sierra Nevada yellow-legged frog (SNYLF) on the Lassen and Plumas national forests
Jay	Lund			Center for Watershed Sciences	Flow and Water Quality in the San Francisco Bay/Sacramento-San Joaquin Delta Estuary
Robert	Lusardi			Center for Watershed Sciences	Task 15: Coldwater and Wild Fish Research Lead
Robert	Lusardi			Center for Watershed Sciences	Baseline assessment of salmonid rearing habitat and growth in the Upper Sacramento River Watershed, above Shasta Reservoir
Robert	Lusardi			Center for Watershed Sciences	French Creek Food Web Analysis
Robert	Lusardi			Center for Watershed Sciences	Preliminary Walker Creek Aquatic Habitat Assessment
Josue	Medellin-Azuara			Center for Watershed Sciences	Tools and Planning for Migration of Agriculture as a Sustainable Path for Agricultural Production
Andrew	Rypel			Center for Watershed Sciences	Using Agricultural Floodplains to Help Recover Native California Fish Populations
Andrew	Rypel			Center for Watershed Sciences	Paired Salmon Release Study and Agriculture Practice Standard Development
Ann	Willis			Center for Watershed Sciences	TO 17: Little Shasta River Instream Flow Implementation and Assessment
Ann	Willis	Robert	Lusardi	Center for Watershed Sciences	WRC Bouvier Ranch Preliminary Stream Flow and Temperature Assessment, Summer 2017
Ann	Willis	Robert	Lusardi	Center for Watershed Sciences	TO 19: South Fork Scott River and Shackelford Creek Monitoring for Adaptive Management Conservation Actions
Sarah	Yarnell-Hayes			Center for Watershed Sciences	Task Order 1: Loney Meadow Restoration Project
Sarah	Yarnell-Hayes			Center for Watershed Sciences	Task 5: Development of Tier 1 Environmental Flows for California
Yayoi	Takamura			Chemical Engr & Material Sci	Quantum Materials for Energy Efficient Neuromorphic Computing (Q-MEEN-C)
Bruce	Gates			Chemical Engr & Material Sci	Energy Frontier Research Center: Center for Inorganometallic Catalyst Design
Marjorie	Longo	Cheemeng	Tan	Chemical Engr & Material Sci	Functional Biomembrane Architectures in Mesoporous Materials
Adam	Moule	Pieter	Stroeve	Chemical Engr & Material Sci	UC Solar MPRI Renewal
Adam	Moule	Mark	Mascal	Chemical Engr & Material Sci	SNM: High-throughput scalable nanomanufacturing of high-performance organic devices
Adam	Moule			Chemical Engr & Material Sci	Light Trapping in charge transfer states for improved organic photovoltaic performance
William	Ristenpart	Anthony	Wexler	Chemical Engr & Material Sci	Quantifying Environmental Variables Affecting Airborne Influenza Transmission
Jiandi	Wan			Chemical Engr & Material Sci	EAGER: Carbon dioxide (CO2) microbubbles-based ultrasonically responsive pressure sensor
Nael	El-Farra			Chemical Engr & Material Sci	Integrated Monitoring and Fault-Tolerant Dispatch of Hybrid Energy Systems
Adam	Moule			Chemical Engr & Material Sci	Engineering of Doping Profiles In Organic Semiconductor Materials
Shota	Atsumi			Chemistry	Engineer cyanobacteria to produce valuable chemical building blocks directly from carbon dioxide. Synthetic Biology, Protein Engineering, And Semi-Biological Photocatalysis To Convert Methane to N-Butanol
Shota	Atsumi			Chemistry	Engineer cyanobacteria to produce valuable chemical building blocks directly from carbon dioxide. Synthetic Biology, Protein Engineering, And Semi-Biological Photocatalysis To Convert Methane to N-Butanol
Shota	Atsumi			Chemistry	CAREER: Development Of A Platform For Cyanobacterial Chemical Production From CO2
Shota	Atsumi			Chemistry	Synthetic biology approach to rewire carbon metabolism for efficient photoautotrophic chemical production
Peter	Beal			Chemistry	The Bioorganic Chemistry of RNA editing by ADARs
Louise	Berben			Chemistry	C-H Bond Formation with CO2: Toward Carbon Neutral Fuel Production
Louise	Berben			Chemistry	INTL: Enabling Redox Reactions for Catalysis with Group 13 Elements
Louise	Berben			Chemistry	Exploring Photocatalytic CO2 Reduction to Fuels with Small Molecular Iron Clusters
R	Britt			Chemistry	Multifrequency Pulsed EPR Studies of the Photosystem II Oxygen Evolving Complex
R	Britt			Chemistry	CCI Solar Fuels
R	Britt			Chemistry	Biogenic Transition Metal Oxides as Water-Oxidation Electrocatalysts
William	Casey			Chemistry	The Oregon Green Chemistry Institute
Xi	Chen			Chemistry	New Chemoenzymatic Methods for Synthesizing Complex Carbohydrates
Xi	Chen			Chemistry	Facile Chemoenzymatic Synthesis and Purification of Glycolipids
Xi	Chen	Lee-Ping	Wang	Chemistry	Exploring the biology of O-acetyl sialic acids using stable synthetic mimics
Kyle	Crabtree	Lee-Ping	Wang	Chemistry	Vacuum UV Laboratory Study of the Photodissociation of CS, C2, and CH
Annaliese	Franz			Chemistry	2012 Chemistry GAANN Proposal
Annaliese	Franz			Chemistry	SusChEM: Design and Mechanistic Studies of Organic Silanols for Homogeneous Catalysis
Annaliese	Franz			Chemistry	SusChEM: Characterization of oxidative stress response to improve microalgae-based biofuel production in wastewater
Annaliese	Franz	Alissa	Kendall	Chemistry	Improving microalgae feedstock for biofuel production using CO2 and waste nutrients from anaerobic digesters
Annaliese	Franz			Chemistry	REU Site: UC Davis ChemEnergy Research Experience for Undergraduates in Energy and Catalysis
Susan	Kauzlarich			Chemistry	Synthesis and Characterization of New Zintl Phases for Thermoelectric Applications
Susan	Kauzlarich			Chemistry	Earth Abundant High Temperature Materials for Radioisotope Power Conversion System
Susan	Kauzlarich			Chemistry	Crystal Chemistry and Properties of Zintl Phases: Towards Efficient New Thermoelectrics
Kyrylo	Kovnir			Chemistry	Fundamental Investigation of Inorganic Metal Borophosphides
Cheuk-Yiu	Ng			Chemistry	O, N, and C-isotope fractionation due to self-shielding of CO and N2 in the solar nebula
Philip	Power			Chemistry	Designing Enhanced Dispersion Force Effects into Inorganic and Organometallic Molecules
Jared	Shaw			Chemistry	C-H Insertion Reactions Of Dairycarbenes For The Assembly Of Complex Organic Molecule
Jared	Shaw	Dean	Tantillo	Chemistry	Synthesis of Diverse Natural Products and Complex Heterocycles with Donor/Donor Carbenoids
Dean	Tantillo			Chemistry	Experimental and Theoretical Mechanistic Studies on Gold Catalyzed Organic Reactions
Dean	Tantillo			Chemistry	Dynamic Effects on Fates of Reactive Intermediates in Synthesis and Biosynthesis
Adela	de la Torre			Chicano Studies	Ninos Sanos, Familia Sana (Healthy Children, Healthy Family): Multi-Intervention Program to Prevent Childhood Obesity in Mexican-Origin Children in Rural California
Heather	Bischel-Magnan			Civil & Environmental Engr	Removal of Pesticides from Agricultural Runoff in Bioreactors: A field and laboratory assessment of removal rates, mechanisms and enhanced design strategies
Heather	Bischel-Magnan	Jonathan	Herman	Civil & Environmental Engr	Flow cytometric monitoring of waterborne pathogens to facilitate water treatment and direct potable water reuse
Fabian	Bombardelli			Civil & Environmental Engr	Numerical water quality and containment modeling (EL-9)
Fabian	Bombardelli			Civil & Environmental Engr	Inlet-UCMexus
Ross	Boullanger			Civil & Environmental Engr	Specialized Dynamic Soil Testing and Analyses for Delta Levees

Ross	Boulangier			Civil & Environmental Engr	Collaborative Research: RAPID: A combined CPT-Vs/Vp approach for reconciling positive liquefaction triggering predictions with negative land damage observations
Ross	Boulangier			Civil & Environmental Engr	Engineering Characterization of Liquefiable Soils for Evaluating Seismic Safety of Embankment Dams
Christopher	Cappa			Civil & Environmental Engr	CAREER: Organic Aerosol Volatility, Phase and Partitioning
Christopher	Cappa			Civil & Environmental Engr	Characterizing and Understanding Aerosol Optical Properties: CARES
Christopher	Cappa			Civil & Environmental Engr	Phase II, CCI Center for Aerosol Impacts on Climate and the Environment
Christopher	Cappa			Civil & Environmental Engr	Quantifying the effect of vapor wall deposition on chamber-derived yields of secondary organic aerosol
Christopher	Cappa			Civil & Environmental Engr	Application of the Statistical Oxidation Model to Study the Chemistry and Thermodynamics of Secondary Organic Aerosol
Christopher	Cappa			Civil & Environmental Engr	Influence of atmospheric aging on fire-derived carbonaceous particles: Laboratory studies and modeling in support of FIREX
Christopher	Cappa			Civil & Environmental Engr	Studying Cloud and Radiative Impacts Through Improved Physically Based Representation of Organic Aerosol in Large-Scale Models (WRF-Chem)
Christopher	Cappa			Civil & Environmental Engr	Characterizing the Climate Impacts of Brown Carbon
Christopher	Cappa	Qi	Zhang	Civil & Environmental Engr	Long-term Characterization of Fine PM Chemical Composition in the San Joaquin Valley
Christopher	Cappa			Civil & Environmental Engr	Phase IIb - CCI Center for Aerosol Impacts on Chemistry of the Environment
Christopher	Cappa			Civil & Environmental Engr	ENVIRONMENTAL CHAMBER EXPERIMENTS TO IMPROVE SECONDARY ORGANIC AEROSOL MODEL PREDICTION
Jeannie	Darby			Civil & Environmental Engr	Prop 50 Ch 6b consolidated management of nitrate treatment: Implementation, demonstration, & affordability assessment
Jason	Dejong	Ross	Boulangier	Civil & Environmental Engr	Collaborative Research: Sampling And Sample Quality Assessment of Intermediate Soils
Yueyue	Fan			Civil & Environmental Engr	Transportation Energy Decisions under Uncertainty
Alexander	Forrest			Civil & Environmental Engr	Diving beneath the ice
Alexander	Forrest	S	Schladow	Civil & Environmental Engr	Local Government Fund CALRESA (California Rapid Environmental and Structural Assessment) for Water Infrastructure: a Community Resource
Alexander	Forrest			Civil & Environmental Engr	Determining the nature of turbulence underneath Antarctic ice shelves
Peter	Green	Michael	Kleeman	Civil & Environmental Engr	Office of Environmental Health Hazard Assessment (OEHHA)
John	Harvey			Civil & Environmental Engr	Use Life Cycle Assessment to Develop Tools and Recommend Practices to Reduce Environmental Impact of Airfields: Phase I Framework Development
Jonathan	Herman			Civil & Environmental Engr	Advancing hydro-economic optimization to identify vulnerabilities, tradeoffs, and adaptation opportunities in California's water system
Jonathan	Herman			Civil & Environmental Engr	WRF: Collaborative Research: Extended-range forecasts of atmospheric rivers for adaptive management of flood risk, water supply, and environmental flows in California
Miguel	Jaller Martelo			Civil & Environmental Engr	Sustainable Urban Freight Systems (SUFS)
Miguel	Jaller Martelo			Civil & Environmental Engr	Sustainable Urban Freight Systems (SUFS) (Year 4)
David	Jones			Civil & Environmental Engr	Rapid Tests and Specifications for Construction of Asphalt-Treated Cold Recycled Pavements
M	Kavvas			Civil & Environmental Engr	Hydrologic Models/Scientific Assessment (TO #UCOP2-8)
M	Kavvas			Civil & Environmental Engr	Numerical Modeling of Local Intense Precipitation Processes
M	Kavvas			Civil & Environmental Engr	A comparison study of IWFm and Modflow-OWHM groundwater modeling software packages
Alissa	Kendall			Civil & Environmental Engr	A Baseline Life Cycle Assessment of Green House Gas Emissions for Almond Processing and Distribution
Alissa	Kendall			Civil & Environmental Engr	Develop guidelines for classifying feedstocks used in the production of transportation fuels for the low carbon fuel standard
Alissa	Kendall			Civil & Environmental Engr	Updates to the life cycle modeling of California almond production systems: Enhanced groundwater modeling, scenario analysis, and new indicators
Alissa	Kendall			Civil & Environmental Engr	Assessing Orchard Management Factors and Practices for Tradeoffs in Lifecycle
Alissa	Kendall			Civil & Environmental Engr	Maximizing the Environmental Utility of Battery Storage
Alissa	Kendall			Civil & Environmental Engr	A comprehensive, process-based, and geospatially specific life cycle analysis of California walnut production
Maureen	Kinyua	Jesus	Velazquez Mojica	Civil & Environmental Engr	Effect of operating parameters on compostable plastics
Michael	Kleeman			Civil & Environmental Engr	Evaluation and Identification of Constituents Found in Common Carrier, Pipeline Natural Gas, Biogas and Upgraded Biomethane in California
Michael	Kleeman			Civil & Environmental Engr	Air Quality Implications of Using Biogas (AQIB) to Replace Natural Gas in California
Michael	Kleeman			Civil & Environmental Engr	Improving Particulate Matter Modeling at the California Air Resources Board
Michael	Kleeman			Civil & Environmental Engr	Association Between Long-Term Ultrafine Particulate Matter Exposure and Premature Death
Michael	Kleeman			Civil & Environmental Engr	Ultrafine Particulate Matter Sampling and Analysis in the Bay Area
Michael	Kleeman			Civil & Environmental Engr	Investigative Modeling of PM2.5 Episodes in the San Joaquin Valley Air Basin During Recent Years
Michael	Kleeman			Civil & Environmental Engr	Design of effective ozone abatement strategies through exact source apportionment and direct measurements of precursor sensitivity
Michael	Kleeman			Civil & Environmental Engr	Improving Spatial Surrogates for Emissions Inventories in California
Michael	Kleeman			Civil & Environmental Engr	Evaluation and Identification of Constituents Found in Common Carrier Pipeline Natural Gas, Biogas and Upgraded Biomethane in California: Phase 2
Michael	Kleeman			Civil & Environmental Engr	Evaluation and Identification of Constituents found in Common Carrier Pipeline Natural Gas, Biogas and Upgraded Biomethane in California: Phase 3
Michael	Kleeman			Civil & Environmental Engr	Measurement of Volatile Consumer Products (VCPs) in Los Angeles
Harold	Leverenz	George	Tchobanoglous	Civil & Environmental Engr	Engineering Report and Design Support for the Advanced Wastewater Treatment System (AAWTS) at Errece Safety Roadside Rest Area
Harold	Leverenz			Civil & Environmental Engr	Advanced Urinals and Water Conservation for Environmental Stewardship
Frank	Loge	Edward	Spang	Civil & Environmental Engr	SWES: Smart water-energy savings
Frank	Loge			Civil & Environmental Engr	Agriculture water-energy optimization
Frank	Loge			Civil & Environmental Engr	Solar Decathlon 2015
Frank	Loge			Civil & Environmental Engr	To Accelerate Water Conservation in Texas
Frank	Loge			Civil & Environmental Engr	Enhancing the Agricultural Water Use Efficiency Model
Frank	Loge			Civil & Environmental Engr	Winery water and energy savings
Frank	Loge			Civil & Environmental Engr	U.S. Department of Energy solar decathlon 2017
Frank	Loge			Civil & Environmental Engr	Research roadmap for advancing technologies in California's industrial, agricultural, and water sectors
Frank	Loge	Katrina	Jessoe	Civil & Environmental Engr	Measurement & Verification of Water and Energy Savings
Frank	Loge			Civil & Environmental Engr	Report on Impact of dispatched operations at Wastewater Treatment Facilities
Jay	Lund	Graham	Fogg	Civil & Environmental Engr	CERC for water-energy solutions and technologies (CERC WEST)
Elias	Marvinney			Civil & Environmental Engr	Life Cycle Assessment (LCA) of Prune Production
Josue	Medellin-Azuara			Civil & Environmental Engr	CyberSEES: Type 1: Collaborative Research: Sustainability-aware Management of Interdependent Power and Water Systems
Sarah	Miller			Civil & Environmental Engr	Feasibility analysis of rice-ash valorization in concrete
Veronica	Morales			Civil & Environmental Engr	Soil structure effects on the transport and spread of nano-sized contaminants in groundwater
Veronica	Morales			Civil & Environmental Engr	CAREER: Fundamental Controls of Transport Attributes from Porous Media Microstructure
Debbie	Niemeier			Civil & Environmental Engr	Funding Wizard: Enhancement to Support California Climate Investments
Thomas	Young			Civil & Environmental Engr	Comprehensive Assessment of the Water Quality Impacts and Water Treatment Implications of the Yosemite Rim Fire
Thomas	Young			Civil & Environmental Engr	Analytical method development to support prioritization of pesticides in wastewater
Thomas	Young			Civil & Environmental Engr	Identifying Key Sources of Pesticides in Wastewater to Support Source Reduction Efforts
Thomas	Young			Civil & Environmental Engr	Derive Pyrethroids Partition Coefficients from Sediment Samples Representative of the Central Valley
Thomas	Young			Civil & Environmental Engr	Quantitative Analysis of Pesticides in Wastewater Influent, Effluent, and Biosolids
Thomas	Young			Civil & Environmental Engr	Nontarget Chemical Analysis of California Drinking Water
Michael	Zhang			Civil & Environmental Engr	CPS: Synergy: Collaborative Research: Matching Parking Supply to Travel Demand towards Sustainability: a Cyber Physical Social System for Sensing Driven Parking.
Michael	Zhang			Civil & Environmental Engr	Connecting Travelers to Reduce Energy Use in Transportation
Michael	Zhang	Susan	Handy	Civil & Environmental Engr	Center for Transportation, Environment, and Community Health (CTECH)
Michael	Zhang			Civil & Environmental Engr	Center for Transportation, Environment, and Community Health (CTECH)
Katerina	Ziotopoulou			Civil & Environmental Engr	Collaborative Research: Soil-structure-Water Interaction Effects in Buried Reservoirs - Centrifuge and Numerical Modeling
Kent	Pinkerton			Cntr for Health & Environment	Agriculture and Climate Change Impacts on Workers' Health and Safety
Heather	Riden			Cntr for Health & Environment	Pesticide Safety Outreach for Non-English and Non-Spanish Speaking Farmworkers
Marc	Schenker	James	Jones	Cntr for Health & Environment	Reducing the risk of heat-related illness in western agricultural workers; physiologic and behavioral factors
Laura	Van Winkle	Anthony	Wexler	Cntr for Health & Environment	Postnatal Ozone and Altered Lung Growth
Christoph	Vogel	Keith	Bein	Cntr for Health & Environment	Air Pollution, Atherosclerosis and the role of the aryl hydrocarbon receptor
Stacey	Garrett			College Opp Programs	UC Davis GEAR UP Rural Valley Partnership
George	Barnett			Communication	Social Networks in Medical Homes and Impact on Patient Care and Outcomes
Susan	Brooks			Continuing and Professional Ed	Sacramento County Child Welfare Training Agreement FY2016-17
Suzanne	Forsyth			Continuing and Professional Ed	Tribal pesticide program council (TPPC) technical support
Kathy	Kelley			Continuing and Professional Ed	Child Welfare Training CW-2017-19
Elisa	Tong			Ctr Health Policy and Research	Building tobacco cessation connections across Los Angeles County providers
Tessa	Hill			Earth and Planetary Sciences	Collaborative Proposal: The Holocene and Anthropocene as windows into the future of marine systems
Tessa	Hill			Earth and Planetary Sciences	CAREER: How will marine ecosystems respond to climate change? Integrating K-12 teaching and paleoceanographic research.

James	McClain			Earth and Planetary Sciences	Geothermal Play Fairway Analysis of Potential Geothermal Resources in NE California, NW Nevada and Southern Oregon: A Transition Between Extension-Hosted and Volcanically-Hosted Geothermal Fields
James	McClain			Earth and Planetary Sciences	Surprise Valley Hot Springs Geothermal Exploration and Distributed Energy Demonstration
Isabel	Montanez			Earth and Planetary Sciences	Earth-Life Transitions: Integrated Data-Model Analysis of CO2-Climate-Vegetation Feedback's in a Dynamic Paleo-Icehouse
Isabel	Montanez			Earth and Planetary Sciences	US-Brazil Planning Visit: An Integrated Approach to Resolving the late Paleozoic Ice Age in the Parana Basin, Brazil
Isabel	Montanez			Earth and Planetary Sciences	Carboniferous and Permian Strata in Brazil and Surrounding Areas: Their Significance in Determining the Timing and Extent of the Late Paleozoic Ice Age
Isabel	Montanez			Earth and Planetary Sciences	Collaborative Research: Understanding the Late Paleozoic Icehouse from a Southern Hemisphere (Parana Basin, Brazil) paleo-perspective
Gordon	Moore			Earth and Planetary Sciences	Collaborative Research: An Experimental Determination of the Activity of H2O in Natural Melts at Undersaturated Conditions
Sujoy	Mukhopadhyay			Earth and Planetary Sciences	Collaborative Research: Helium Diffusion in Lower Mantle Minerals
Sujoy	Mukhopadhyay			Earth and Planetary Sciences	Constraining Plio-Pleistocene West Antarctic Ice Sheet Behavior from the Ohio Range and Scott Glacier
Sujoy	Mukhopadhyay			Earth and Planetary Sciences	FESD Type I: VOICE-Volcano, Ocean, Ice and Carbon Experiments
Sujoy	Mukhopadhyay			Earth and Planetary Sciences	Uncovering the Origins of the Solar System with Cosmochemical Forensics
Gerald	Potter			Earth and Planetary Sciences	Accelerated Climate Modeling for Energy: Workflow Spoke to Model Development Group Tasks
Ann	Russell			Earth and Planetary Sciences	Trace Metal Proxies in Planktonic Foraminifera: Environmental Calibrations and Incorporation Processes
Sarah	Stewart-Mukhopadhyay			Earth and Planetary Sciences	Center for Frontiers in High Energy Density Science
Sarah	Stewart-Mukhopadhyay			Earth and Planetary Sciences	Center for Matter Under Extreme Conditions
Sarah	Stewart-Mukhopadhyay			Earth and Planetary Sciences	Impact-Driven Chemistry and its Role in the Surface Environment of the Early Earth
Dawn	Sumner			Earth and Planetary Sciences	Effect of El Nino on Water Quality and Microbial Communities in the Salinas River, CA
Dawn	Sumner			Earth and Planetary Sciences	Evolution of Oxygenic Photosynthesis as Preserved in Melanobacterial Genomes from Lake Vanda, Antarctica
Qing-Zhu	Yin			Earth and Planetary Sciences	Testing Carbon Monoxide Self-Shielding Model with Laboratory Experiment and its Implications for the Early Solar System's Oxygen Isotope Evolution
Qing-Zhu	Yin			Earth and Planetary Sciences	Petrologic, Oxygen and Chromium Isotope, and Ar-Ar Studies of Non-Ureilitic Materials in Polymict Ureilites: Implications for Mixing of Materials in the Early Solar System and Differentiation of an Ancient, Carbon-Rich Asteroid
Marianne	Bitler			Economics	Is Food Assistance like Cash for Retailers? (Tufts/UConn RIDGE Center)
Marianne	Bitler			Economics	Studying the causal effects of the Special Supplemental Nutrition Program for Women, Infants, and Children on infant and child outcomes
Marianne	Page			Economics	Investments, Life Events, and Health Within and Across Generations
Marianne	Page			Economics	IBSS: Understanding Long Term Effects On Children In Economic Distress
Marianne	Page			Economics	Multi-generational Effects of Prenatal and Early Life Access to SNAP (Tufts/UConn RIDGE Center)
Marianne	Page			Economics	Multigenerational Effects of Early Life Health and Nutrition Investments
Marianne	Page			Economics	UC Network on Child Health, Poverty and Public Policy
Giovanni	Peri			Economics	Staying Competitive: Challenges for a small open economy. Financing: Norwegian Research Council, Program: Welfare, Working Life and Migration (YAM)
Giovanni	Peri			Economics	Collaborative Research: Immigration Policies affecting the Highly Skilled: Effects on Innovation and Productivity in US Firms
Giovanni	Peri			Economics	Does immigration enforcement affect crime, job opportunities, and health care?
Giovanni	Peri			Economics	Debunking the Deportation Myths: The Economic, Social and Human costs of Detaining and Deporting Undocumented Immigrants
Brendan	Price			Economics	Household Adaptation to Seasonal Work Interruptions
David	Rapson			Economics	The Effect of Electricity Rate Structures on Energy Efficiency Investments
Arman	Rezaee			Economics	Increasing Access to Training, Capital, and Networks: Two Planned Field Experiments with Small Firms in Uganda
Ann	Stevens			Economics	UC Davis Poverty Center
Ann	Stevens			Economics	Understanding Men's Non-Employment Using Longitudinal Data: Wage Opportunities, Employment Dynamics, and Long-term Effects
Alan	Taylor			Economics	Finance And The Welfare Of The Nations: The View Of Economic History
Jamal	Abedi			Education	A Comprehensive Research-Based Computer Assessment and Accommodation System for ELL Students
Jamal	Abedi			Education	Distinguishing between Low English Proficiency and Learning Disabilities
Jamal	Abedi			Education	Science-based innovation in learning (SIL) center for ELL and LD
Heidi	Ballard			Education	Public Participation in Scientific Research as a Tool to Promote Science Learning, Environmental Stewardship and Civic Engagement for Youth: A Proposal for Research Practices, Tools and Outcomes
Heidi	Ballard			Education	Scaling Up Cost-Efficient Community Engagement in Coastal Resource Management
Heidi	Ballard			Education	Developing a Comprehensive Community Engagement Evaluation Framework
Heidi	Ballard			Education	Science literacy for civic participation: Examining the Public Labs model
Heidi	Ballard	Ryan	Meyer	Education	Linking community and citizen science with environmental education: A systematic review of evidence and effective strategies
Kevin	Gee			Education	The Impact of Food Security on Children's Developmental Outcome: Differences Across Diverse Racial/Ethnic and Income Groups
Kevin	Gee			Education	The education of abused and neglected children: Placement into and the effects of special education
Kevin	Gee			Education	Identifying the socio-ecological factors of chronic absenteeism
Michal	Kurlaender			Education	California Policy Lab: Studying Inequality and Homelessness
Lauren	Lindstrom			Education	Paths 2 the future: Testing the efficacy of a career development curriculum for high school girls with disabilities
Ryan	Meyer	Heidi	Ballard	Education	Building Local Capacity for Monitoring and Reporting the Effects of Dam Removal
Peter	Mundy			Education	Virtual Reality Applications for Attention and Learning in Children with Autism and ADHD
Renee	Newton			Education	Public Prevention Health Fund: Community Transformation Grants
Yuuko	Tonkovich			Education	Bilingual and Socio-Emotional Development in Dual Language Learners
Yuuko	Tonkovich			Education	Harnessing Parental Engagement to Reduce Summer Reading Loss Among English Learners
Maisha	Winn			Education	The Black Child Legacy Campaign's 5 Strategies for Success
S. J. Ben	Yoo			Elect & Comp Engr	Energy-Efficient, High-Performance, and Reliable Computing with Massively Parallel AsAP and Interconnects
S. J. Ben	Yoo			Elect & Comp Engr	Photonic-Electronic Co-Design of Energy-Efficient Silicon Photonic Interconnects
Neville	Luhmann			Elect & Comp Engr	An Active Denial Power Source for a Man-Transportation System(Phase I)
Annamaria	Amenta			Elect & Comp Engr	Quad Meshes for Groundwater Flow
Zhaojun	Bai			Elect & Comp Engr	Performance Analysis of the Integrated Water Flow Model (IWFM) on Modern Processors
Zhaojun	Bai			Elect & Comp Engr	Performance Enhancement of the Integrated Water Flow Model
Vladimir	Filkov			Elect & Comp Engr	Modeling and manipulating the regulation of tension wood, an economically important trait for forest products, biofuels, and nanotechnology
Kwan-Liu	Ma			Elect & Comp Engr	Collaborative: Full-Scale Development: Living Liquid: Creating Interactive Visualization Tools To Explore Large Ocean Datasets
Biswanath	Mukherjee			Elect & Comp Engr	NeTS: Small: Design and Provision of Low-Carbon Optical Datacenter Networks
Cindy	Rubio Gonzalez			Elect & Comp Engr	REU: Ci-New: BugSwarm: A Large-Scale Repository of Replicable Defects, Tests, and Patches to Support the Software Engineering Research Community
Cindy	Rubio Gonzalez			Elect & Comp Engr	CAREER: Understanding and Combating Numerical Bugs for Reliable and Efficient Software Systems
Ilias	Tagkopoulos			Elect & Comp Engr	Big Data on Small Organisms: Petascale Simulations of Data-Driven, Whole-Cell Microbial Models
Zhou	Yu			Elect & Comp Engr	ATF: User adaptive social bot
Siva Gangadhar	Gunda	Frank	Loge	Energy Efficiency Center	Driving Research and Leadership in Buildings and Transportation Efficiency by engaging veteran and ROTC students on research projects in building and transportation technologies and analytics
Siva Gangadhar	Gunda			Energy Efficiency Center	Industry Workforce Development
Vinod	Narayanan	Siva Gangadhar	Gunda	Energy Efficiency Center	Driving Research and Leadership in Buildings and Transportation Efficiency
Sarah	Outcalt			Energy Efficiency Center	Intelligent HVAC Controls for Low Income Households
Sarah	Outcalt			Energy Efficiency Center	Research Roadmap for Getting to Zero Net Energy Buildings
Keith	Taylor	Sarah	Outcalt	Energy Efficiency Center	Governance Study of Electric Co-operatives
Keith	Bein			Energy Institute	Protocol Development for Vehicle Emission Toxicity Testing for Particulate Matter
Bryan	Jenkins			Energy Institute	System for Advanced Biofuels Production from Woody Biomass in the Pacific Northwest
Bryan	Jenkins			Energy Institute	US-Denmark Cooperative Research and Education in Intermittency-Friendly Community Scale Renewable Energy Micro-Grids
Bryan	Jenkins			Energy Institute	Wood chips on the natural gas pipeline - RNG production from biomass
Christian	Nansen			Entomology/Nematology	Using Hyperspectral Imaging to Quantify Phenotypic Responses by Bees to Exposure to Neonicotinoid Pesticides
Shaun	Winterton			Entomology/Nematology	Collaborative Research - Evolution of Living And Fossil Green Lacewings (Chrysopidae): Phylogenetics, Informatics And A Universal Ontology For Neuroptera
Frank	Zalom			Entomology/Nematology	The Bagrađa Bug Invades the Salinas Valley - The Salad Bowl of the World
Frank	Zalom			Entomology/Nematology	Revealing the Epidemiology of Grapevine Red-Blotch-Associated Virus, an Urgent Need for California Grape Growers-Entomology Component
Frank	Zalom			Entomology/Nematology	Insect and Mite Research
Geoffrey	Attardo			Entomology/Nematology	Unraveling Intersexual Interactions in Tsetse

Jason	Bond			Entomology/Nematology	Collaborative Research: A Comparative Systems Approach to Complex Animal Signaling Lineage and lifespan: use of historical family databases to analyze the relationships of family and wealth to longevity
James	Carey			Entomology/Nematology	Investigating and Improving Detection Methods for Spotted Wing Drosophila Insecticide Resistance in California
Joanna	Chiu			Entomology/Nematology	UAS (unmanned aerial system)-guided releases of predatory mites for management of spider mites in strawberry
Elvira	de Lange			Entomology/Nematology	Biological Control of Bagrada Bug Year 2
Ian	Grettenberger			Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Ian	Grettenberger			Entomology/Nematology	Protection of Rice from Invertebrate Pests (RP-3)
Ian	Grettenberger			Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Bruce	Hammock	Christophe	Morisseau	Entomology/Nematology	Hydrolytic Enzymes In The Metabolism Of Toxins
Bruce	Hammock			Entomology/Nematology	Inhibition of pancreatic carcinogenesis via targeting c-Raf and sEH
Amanda	Hodson			Entomology/Nematology	Development of a rapid real time PCR assay to detect nematode pests of pistachios, walnut and almond - PIN#29070
Brian	Johnson			Entomology/Nematology	Collaborative Research: Integrative approaches to plant cell wall digestion by non-holometabolous insects
Steven	Nadler			Entomology/Nematology	ARTS: Overcoming the nematode taxonomic impediment through integration of novel tools for species discovery and phylogeny: Cephaloidea as a case-study
Christian	Nansen			Entomology/Nematology	Improved end-season control and migration suppression of Lygus bugs in commercial strawberry fields
Christian	Nansen			Entomology/Nematology	Improved end-season control and migration suppression of Lygus bugs in commercial strawberry fields
Christian	Nansen			Entomology/Nematology	Improved end-season control and migration suppression of Lygus bugs in commercial strawberry fields
Christian	Nansen			Entomology/Nematology	Hyperspectral remote sensing to detect and diagnose arthropod pests in greenhouse nursery crops
Elina	Nino			Entomology/Nematology	Longitudinal Evaluation of Honey Bee Colonies on Different Foraging Regimes
Elina	Nino			Entomology/Nematology	Optimization of the Nigella oil application for use in Varroa mite management
Elina	Nino			Entomology/Nematology	Longitudinal evaluation of honey bee colonies on different foraging regimes
Elina	Nino			Entomology/Nematology	Evaluating alternative bee forage plantings to support honey bees in almond orchards
Elina	Nino			Entomology/Nematology	Evaluating Cover Crop Benefits to Honey Bees within Almond Orchards
Elina	Nino			Entomology/Nematology	The Bee Informed Partnership, Inc. (BIP, Inc.) MOU
William	Pacuilla			Entomology/Nematology	Survey and Detection of the Polyphagous Shot Hole Borer and Goldspotted Oak Borer in California
Jay	Rosenheim			Entomology/Nematology	Sampling methods for navel orangeworm populations and development of thresholds
Jay	Rosenheim			Entomology/Nematology	Ecoinformatics ("Big Data") for improved citrus pest management
Jay	Rosenheim			Entomology/Nematology	Improving citrus IPM practices for mandarins using grower data and experimentation
Thomas	Scott			Entomology/Nematology	Improving Robustness of a Tactical Model of Aedes/Dengue Dynamics
Thomas	Scott			Entomology/Nematology	Spatial Repellent Products for Control of Vector Borne Diseases
Diane	Ullman			Entomology/Nematology	Transmission of tomato spotted wilt virus by western flower thrips
Diane	Ullman			Entomology/Nematology	Integrative Approaches to Understanding How Insect Vectors and Plant Viruses Interact and Manipulate Their Plant Hosts
Rachel	Vannette			Entomology/Nematology	Screening Potential Antagonists for Fire Blight Control
Rachel	Vannette			Entomology/Nematology	Screening potential antagonists for fire blight control
Philip	Ward			Entomology/Nematology	Collaborative Research: Ant Diversity Of The MesoAmerican Corridor (ADMAC)
Philip	Ward			Entomology/Nematology	Establishing a database of Channel Island Hymenoptera
Neal	Williams			Entomology/Nematology	Collaborative Research: Effects of Pulsed Floral Resources on Pollinator Population Dynamics
Neal	Williams			Entomology/Nematology	Continuation of New Projects in Almond/Tree Fruit Landscapes for California
Neal	Williams			Entomology/Nematology	Olam-Xerces almond habitat monitoring at Nevada Ranch
Neal	Williams			Entomology/Nematology	forage cover crops for bees in almond orchards
Neal	Williams			Entomology/Nematology	Examination of neonicotinoids on ornamental plants
Neal	Williams			Entomology/Nematology	Evaluating Cover Crop Benefits to Pollinators and Pollination in Almond Orchards - Assessing Bloom Time, Bee Use, and Orchard Pollination
Neal	Williams			Entomology/Nematology	Evaluating the cost-effectiveness of CRP seed mixes for supporting wild bees
Neal	Williams			Entomology/Nematology	Evaluating Cover Crop Benefits to Pollinators and Pollination in Almond Orchards
Neal	Williams			Entomology/Nematology	Examination of Neonicotinoids on Ornamental Plants
Louie	Yang			Entomology/Nematology	CAREER: Phenology, Ontogeny And The Consequences Of Shifts In The Relative Timing Of Milkweed-Monarch Interactions
Jun	Yang			Entomology/Nematology	Omega-3 polyunsaturated fatty acids on colon cancer prevention
Frank	Zalom			Entomology/Nematology	Flight-Response of Brown Marmorated Stink Bug to Olfactory Cues from Potential Hosts: Developing Attract & Kill Applications
Frank	Zalom			Entomology/Nematology	Brown marmorated stink bug risk and impacts in western vineyards
Frank	Zalom			Entomology/Nematology	Integrative studies of vector-related field epidemiology for grapevine Red Blotch-associated virus in Oregon
Frank	Zalom			Entomology/Nematology	Insect and Mite Research
Frank	Zalom			Entomology/Nematology	Flight-Response of Brown Marmorated Stink Bug to Olfactory Cues from Potential Hosts: Developing Attract & Kill Applications
Frank	Zalom			Entomology/Nematology	Management of brown marmorated stink bug in US specialty crops bug in US specialty crops
Frank	Zalom			Entomology/Nematology	Biological Control of Bagrada Bug, Bagrada Hilaris (Pentatomidae)
Frank	Zalom			Entomology/Nematology	Biological Control of Bagrada Bug
Frank	Zalom			Entomology/Nematology	Control of overwintering olive fruit fly using insect pathogenic fungi
Frank	Zalom			Entomology/Nematology	Vinegar flies (Drosophila) in California strawberry; species identification and insecticide resistance monitoring and management in spotted wing Drosophila
Bruce	Hammock			Entomology/Nematology	Biomarkers of Exposure to Hazardous Substances
Lynn	Kimsey			Entomology/Nematology	Collaborative Research: Calbug, an Interactive Database Using Arthropods to Examine Impacts of Climate Change and Habitat Modifications
Lynn	Kimsey			Entomology/Nematology	CBSR: Natural History: RU: The Preservation, Digitation, and Data Basing of the Tardigrade Collection at UC Davis, Bohart Museum
Kin sing	Lee			Entomology/Nematology	Identifying the Receptors of Environmentally Sensitive Epoxy-Eicosanoids with AMS
Elina	Nino			Entomology/Nematology	IR-4 Minor Crop Pest Management Program - Biopesticide Research on Varroa Mite of Honey Bee
Neal	Williams			Entomology/Nematology	Developing Sustainable Pollination Strategies for US Specialty Crops
Neal	Williams			Entomology/Nematology	Supporting Integrated Honey Bee Pollination in Orchards through Increased Foliage
Neal	Williams			Entomology/Nematology	Refining Fungicide Spray Timing, Extending Tests of Fungicide Residual Effects on Fertilization through Stigma Receptivity, Pollen Germination and Tube Growth
Louie	Yang			Entomology/Nematology	The Effects of Pulsed Subsidies on Island Food Webs
Joanna	Chiu			Entomology/Nematology	Sustainable Spotted Wing Drosophila Management for United States Fruit Crops
Alexander	Dedmon			Entomology/Nematology	Seasonal Effects on Carrion Decomposition and Insect Colonization
Ian	Grettenberger			Entomology/Nematology	Management of spotted and striped cucumber beetle in melon production
Ian	Grettenberger			Entomology/Nematology	Insecticide resistance monitoring and evaluation of efficacy of current chemical tactics for managing aphids and thrips in lettuce
Bruce	Hammock			Entomology/Nematology	Soluble Epoxide Hydrolase is a Novel Therapeutic Target in Asthma
Bruce	Hammock	Frank	Loge	Entomology/Nematology	Biomarkers of Exposure to Hazardous Substances
Bruce	Hammock			Entomology/Nematology	Biomarkers of Exposure to Hazardous Substances
Bruce	Hammock			Entomology/Nematology	Food quality in Egypt: Screening for contamination with pesticides using innovative VHH antibody-based assays and biosensors
Bruce	Hammock	Christophe	Morisseau	Entomology/Nematology	Bioactive lipids as effectors and indicators of the deleterious effects of environmental exposure on chronic diseases
Amanda	Hodson			Entomology/Nematology	Water Use Efficiency for Fruit Quality, Ecosystem Benefits and Resilience in Fresh Market Tomato Production
Amanda	Hodson	Amanda	Hodson	Entomology/Nematology	Recycled Waste Inputs to Lower the Carbon Footprint and Increase Resilience to Water Shortage in Almond Production
Amanda	Hodson			Entomology/Nematology	West Coast Waste Madera Compost Project
Amanda	Hodson			Entomology/Nematology	Effects of Composted Olive Pomace on Carbon sequestration and Water Retention, and Soil Health in California Olive Groves
Richard	Karban			Entomology/Nematology	LTREB Renewal: Climatic drivers of temporal and spatial dynamics of a focal herbivore
Lynn	Kimsey			Entomology/Nematology	BLM CA CESU characterization of impacts to desert pollinators from utility scale renewable energy installations
Lynn	Kimsey			Entomology/Nematology	Sierra Nevada Tree Mortality Forest Pollinator Baseline Assessment
Sharon	Lawler			Entomology/Nematology	Assessment of Aquatic Weeds and Their Impacts on Mosquitoes; and Reduction of Pesticide use in the Sacramento-San Joaquin River Delta
Christian	Nansen			Entomology/Nematology	Beetle larvae as biodegraders of styrofoam and organic waste
Christian	Nansen			Entomology/Nematology	Early detection of arthropod-induced stress in greenhouse cut
Christian	Nansen			Entomology/Nematology	Comprehensive of pesticide spray applications in pistachio orchards
Christian	Nansen			Entomology/Nematology	Drone-guided releases of predators for sustainable pest management in strawberry
Christian	Nansen			Entomology/Nematology	Early-detection and Monitoring of Abiotic and Biotic Stress in Production Environments
Christian	Nansen			Entomology/Nematology	Selecting insect strains to convert specialty crop waste into value-added materials
Christian	Nansen			Entomology/Nematology	Comprehensive ecological and economic modeling of pesticide spray applications in pistachio orchards
Elina	Nino			Entomology/Nematology	Efficacy and product safety of biopesticides for Varroa mite (Varroa destructor) management on honey bees



Elina	Nino	Christine	Casey	Entomology/Nematology	Protecting pollinators with economically feasible and environmentally sound ornamental horticulture
Elina	Nino			Entomology/Nematology	The ART of the specialty crops-pollinator connection: Awareness, relevance, and training
Elina	Nino			Entomology/Nematology	Modeling Honey Bee Exposure to Pesticides in Pollination Dependent Crops of California
Elina	Nino			Entomology/Nematology	Protecting Pollinators with Economically Feasible and Environmentally Sound Ornamental Horticulture
Jay	Rosenheim			Entomology/Nematology	Ecoinformatics Approaches to Reduce use of High-Risk Insecticides on San Joaquin Valley Citrus
Jay	Rosenheim			Entomology/Nematology	Reducing pesticide use in citrus by capitalizing on previously-unrecognized innate resistance in mandarin species
Diane	Ullman			Entomology/Nematology	Advancing Innovative Technologies and Integrated Strategies for sustainable Management of Thrips-Transmitted Tospoviruses
Rachel	Vannette			Entomology/Nematology	Sustainable Microbial Control of Blossom Brown Rot Blossom Blight in Almond
Rachel	Vannette			Entomology/Nematology	Effects of soil management on processing tomato associations with mycorrhizal fungi
Neal	Williams			Entomology/Nematology	Next Steps in Pollinator Conservation: Operation and Maintenance, Organic Habitat Restoration, Expanding Seed Mix Choices, and Assessing Conservation Effectiveness
Neal	Williams			Entomology/Nematology	Planting Wildflowers for Pollinators: Optimizing Establishment and Maintenance of Native Wildflowers in California Prairie Restoration
Neal	Williams			Entomology/Nematology	Supporting honey bees and native almond pollinators through improved forage mixes--testing of establishment methods and strategic native plant selection
Neal	Williams			Entomology/Nematology	Collaborative Research: The role of species dominance in mediating biodiversity-ecosystem function relationships across spatial scales
Neal	Williams			Entomology/Nematology	Evaluating alternative bee forage plantings to support bees in almond orchards forage - assessing bloom time, bee use, and potential for competition with orchard for pollination
Neal	Williams			Entomology/Nematology	Evaluating alternative bee forage plantings to support honey bees in almond orchards - assessing bloom time, bee use, and orchard pollination
Neal	Williams	Elina	Nino	Entomology/Nematology	Developing Tools for Selection and Management of Landscapes to Promote Healthy Bee Populations
Neal	Williams			Entomology/Nematology	Nature Conservancy Fellowship
Frank	Zalom			Entomology/Nematology	Development and implementation of systems-based organic management strategies for spotted wing drosophila
Frank	Zalom			Entomology/Nematology	Biology and Role of Treehoppers in Grapevine Red Blotch Disease
Frank	Zalom			Entomology/Nematology	Biology and Role of Treehoppers in Grapevine Red Blotch Disease
Frank	Zalom			Entomology/Nematology	Effects of Proposed Regulations by California Department of Pesticide Regulation on Insect Pest Management Programs
Frank	Zalom			Entomology/Nematology	Development and implementation of systems-based organic management strategies for spotted wing drosophila
Steven	Nadler			Entomology/Nematology	Comparative Biology of the Walnut Twig Beetle in Arizona, New Mexico & California: Studies of Native & Invasive Plants
Steven	Nadler			Entomology/Nematology	Impact of Walnut Twig Beetle on English Walnut Health and Productivity and Individual Tree Protection with Repellents
Steven	Nadler			Entomology/Nematology	Impact of Walnut Twig Beetle on English Walnut Health and Productivity and Individual Tree Protection with Repellents
Steven	Nadler			Entomology/Nematology	Impact and Management of the Polyphagous Shot Hole Borer in California
Steven	Nadler			Entomology/Nematology	Updated Survey and Detection of the Polyphagous Shot Hole Borer and Goldspotted Oak Borer in California
Steven	Nadler			Entomology/Nematology	Enhancing Diagnostics of Plant Pathogenic bacteria of the genus Rathayibacter
Steven	Nadler			Entomology/Nematology	Pest Management and Improvement of Pollinator Health
Robert	Hutmacher			Entomology/Nematology	Management of Key Cotton Arthropod Pests with Insecticides and Acaricides: Refinement of Use for Cotton IPM Systems
Rachael	Long			Entomology/Nematology	Increasing preventive and curative options for clover root curculio management in western alfalfa
Luis	Espino			Entomology/Nematology	Protection of Rice from Invertebrate Pests
James	Thorne			Environmental Science & Policy	OEHHA Contract 16-E0022
James	Thorne			Environmental Science & Policy	OEHHA Contract 16-E0033
James	Thorne			Environmental Science & Policy	Research Project with South Korea's National Institute of Ecology
Gwendolyn	Arnold			Environmental Science & Policy	Explaining Current and Future Trends in Adoption by California Municipalities and Counties of Policies Limiting or Banning High-Volume Hydraulic Fracturing
Gwendolyn	Arnold			Environmental Science & Policy	Analyzing the role of social networks in local government decision-making about high-volume hydraulic fracturing
Gwendolyn	Arnold			Environmental Science & Policy	2016CA359B: Explaining Current and Future Trends in Adoption by California Municipalities and Counties of Policies Limiting or Banning High-Volume Hydraulic Fracturing
Gwendolyn	Arnold			Environmental Science & Policy	Escaping the boom-bust cycle: Identifying sustainable governance strategies for shale-dependent communities
Erica	Fleishman			Environmental Science & Policy	Forecasting Resource Availability for Wildlife Populations in Desert Grasslands Under Future Climate Extremes
Peter	Freer-smith			Environmental Science & Policy	The Best Use of California's Biomass to Meet Air Quality and Climate Goals
Edwin	Grosholz			Environmental Science & Policy	Investigations of restoration techniques that limit invasion of tidal wetlands
Edwin	Grosholz			Environmental Science & Policy	Using Native Food Webs to Reduce Impacts of Non-native Predators and Increase Success of Native Olympia Oyster Restoration
Susan	Harrison			Environmental Science & Policy	Opportunities for Promoting Understanding through Synthesis (OPUS)
Alan	Hastings			Environmental Science & Policy	Collaborative Research: Species Interactions in Range Dynamics and Changing Environments: Stochastic Models and Experiment
Jordan	Hollarsmith			Environmental Science & Policy	Deep sea kelp ecosystems: quantifying marine biodiversity at unexplored depths
Marcel	Holyoak			Environmental Science & Policy	Drought-related monitoring, habitat-use and prioritization of conservation sites for tricolored blackbirds
Marcel	Holyoak			Environmental Science & Policy	Risk and mechanisms of exposure to neonicotinoid pesticides in the central valley
Mark	Lubell			Environmental Science & Policy	The multiscale risks and infrastructure management challenge of coastal flooding in an urban environment under anticipated sea level rise
Mark	Lubell	Patrick	Brown	Environmental Science & Policy	Understanding influences on grower decision-making and adoption of improved nitrogen management practices
Frances	Moore			Environmental Science & Policy	INFEWS/T1: Monitoring and Managing Food, Energy, and Water Systems under Stress: The California Crucible
James	Quinn			Environmental Science & Policy	International Seminar on Climate Change and Natural Resource Management
James	Quinn			Environmental Science & Policy	Urban Forest Carbon Stocks
James	Quinn			Environmental Science & Policy	Assessment of Socio-Economic Vulnerability to Climate-Related Forest Changes in the Pacific Southwest
James	Quinn	James	Thorne	Environmental Science & Policy	International Seminar on Climate Change and Natural Resource Management
Steven	Sadro			Environmental Science & Policy	Are mountain lakes on a trajectory of rapid eutrophication toward harmful algal blooms?
James	Sancharico			Environmental Science & Policy	Novel Approaches To Understanding Human Use Patterns And Mobility For Coastal Natural Resource Management
James	Sancharico			Environmental Science & Policy	Healthy Ecosystems, Healthy People: The Coupled Human Health And Environmental Dynamics Of Schistosomiasis In Sub-Saharan Africa
James	Sancharico			Environmental Science & Policy	Nearshore sustainability science workshop & final papers
James	Sancharico			Environmental Science & Policy	Understanding oil spill impacts on fishing communities of the Gulf of Mexico: From Deepwater Horizon to future spill scenarios
James	Sancharico			Environmental Science & Policy	Gains from synchronizing top-down and bottom-up conservation activities within agricultural landscapes
James	Sancharico			Environmental Science & Policy	Vessel Monitoring System, Observer, and Logbook Data Integration: Building the Infrastructure to Better Predict the Changes in Spatial Fishing Behavior in the Gulf of Mexico Reef Fish Fishery Under IFQ Management
James	Sancharico			Environmental Science & Policy	Vessel Monitoring System, Observer, and Logbook Data Integration: Building the Infrastructure to Better Predict the Changes in Spatial Fishing Behavior in the Gulf of Mexico Reef Fish Fishery Under IFQ Management (Year 2)
James	Schladow			Environmental Science & Policy	Lahontan Regional Water Quality Control Board Tahoe monitoring
S	Schladow			Environmental Science & Policy	Pelagic Lake Tahoe Water Quality Monitoring Service: Lake Tahoe Interagency Monitoring
S	Schladow			Environmental Science & Policy	UC Davis - TERC Lake Tahoe Water Quality Monitoring
Tyler	Scott			Environmental Science & Policy	RIDIR: Collaborative Research: eNEPA--Harnessing the Power of Big Data to Catalyze Scholarly Inquiry and Transform Public Engagement with the National Environmental Policy Act
Fraser	Shilling			Environmental Science & Policy	Remote Camera Systems for Environmental Monitoring of Transportation Corridors
Fraser	Shilling			Environmental Science & Policy	California Almonds Water Footprint
Fraser	Shilling			Environmental Science & Policy	California tribes and state sustainability information exchange partnership
Fraser	Shilling			Environmental Science & Policy	Improving the (net) almond water footprint
Fraser	Shilling			Environmental Science & Policy	Automated Environmental Data Management for State DOTs
Fraser	Shilling			Environmental Science & Policy	Improving the (Net) Almond Water Footprint (Year 2)
Andrew	Sih			Environmental Science & Policy	Developing Theory to Understand Variation in Behavioral Responses to Human-Induced Rapid Environmental Change
James	Thorne			Environmental Science & Policy	Evaluation of Exposure and Vulnerability of Selected Inland National Wildlife Refuges in the Pacific Southwest to Water Resources Constraints in the Climate Change using Downscaled Climate Change Modeling
James	Thorne			Environmental Science & Policy	Funding Wizard to Support Sustainable Communities - Phase III
James	Thorne			Environmental Science & Policy	Can management increase forest resistance to drought?
James	Thorne			Environmental Science & Policy	Local government climate action visualization database and tool

James	Thorne			Environmental Science & Policy	Indicators of Climate Change in California
James	Thorne			Environmental Science & Policy	Refinement of the USGS Basin Characterization Model for Vegetation Process and Future Climates
James	Thorne			Environmental Science & Policy	Climate Commons and Central Valley Landscape Conservation Project
James	Thorne			Environmental Science & Policy	Science Editor for California's Fourth Climate Change Assessment
James	Thorne			Environmental Science & Policy	Conservation Commodities Market/Conservation Investment Mechanism Study
James	Thorne			Environmental Science & Policy	Incorporating Climate Change Assessments into CalFire's Forest Restoration Initiative: UCD analysis of seed zones, climate, traits, vegetation and synthesis
Emma	Underwood			Environmental Science & Policy	Assessing the impacts of future climates and fire on hydrologic regimes in the Mediterranean-type ecosystems of southern California
Emma	Underwood	James	Quinn	Environmental Science & Policy	Developing a Decision Support Tool for Post-Fire Restoration
Michael	Denison			Environmental Toxicology	35th International Symposium on Halogenated Persistent Organic Pollutants
Matt	Hengel			Environmental Toxicology	Quality Assurance Services And Support For IR-4 Minor Use Pesticides At State Facilities In New Jersey And Similar Locations
Matt	Hengel			Environmental Toxicology	Equipment/Field Research Center Support Under the Project: IR-4 Minor Crop Protection Pest Management Program
Matt	Hengel			Environmental Toxicology	Quality Assurance Services and Support for IR-4 Minor Use Pesticides Residue Laboratory in Wapato Washington
Matt	Hengel			Environmental Toxicology	Analytical Methods to Quantify The Concentrations of Certain Pesticide Active Ingredients Including Mancozeb, Paraquat, Maneb, Captan, Methomyl, and Glufosinate-Ammonium In Ambient Air
Matt	Hengel			Environmental Toxicology	Quality Assurance Services and Support for Minor Use Pesticides
Michele	La Merrill			Environmental Toxicology	Endocrine disruptor screening for green chemistry
Tran	Nguyen			Environmental Toxicology	Volatile product formation and atmospheric lifetimes of biogenic organic aerosols
Tran	Nguyen			Environmental Toxicology	Collaborative research: ICARUS - Index of chamber atmospheric research in the United States
Tran	Nguyen			Environmental Toxicology	Oxidation mechanism and organic aerosol formation from the a-pinene and pinaldehyde reactions with NO3 radicals under near-ambient conditions
Sanjai	Parikh			Environmental Toxicology	Sustainable Management of Forests for Bio-energy Production
Ronald	Tjeerdema			Environmental Toxicology	Toxicity Of Pyrethroids To The Endangered Tidewater Goby Phase 1: Establishing A Captive Population Of Tidewater Gobies
Ronald	Tjeerdema			Environmental Toxicology	Evaluation of Potential for Stormwater Toxicity Reduction by Low Impact Development (LID) Treatment Systems
Ronald	Tjeerdema			Environmental Toxicology	The Environmental Fate of Pesticides Important to Rice Culture
Ronald	Tjeerdema			Environmental Toxicology	Surface Water Ambient Monitoring Program (SWAMP) - Stream Pollution Trends (SPoT)
Ronald	Tjeerdema			Environmental Toxicology	Contract No: 1194 - The Effects of Clay on Sediment Toxicity
Ronald	Tjeerdema			Environmental Toxicology	The environmental fate of pesticides important to rice culture
Ronald	Tjeerdema			Environmental Toxicology	The environmental fate of pesticides important to rice culture
Ronald	Tjeerdema			Environmental Toxicology	Derivation of Pesticide Water Quality Criteria for Imidacloprid Using the UC Davis Method
Ronald	Tjeerdema			Environmental Toxicology	The Environmental Fate of Pesticides Important to Rice Culture
Ronald	Tjeerdema			Environmental Toxicology	The Environmental Fate of Pesticides Important to Rice Culture (2019)
Andrew	Whitehead			Environmental Toxicology	Mechanisms of Reproductive, Developmental, and Early Life Stage Impacts of Marine Oil Spills in a Vertebrate Sentinel Model
Andrew	Whitehead			Environmental Toxicology	Collaborative Research: Mechanisms Of Reproductive, Developmental, And Early Life Stage Impacts Of Marine Oil Spills In A Vertebrate Sentinel Model
Andrew	Whitehead			Environmental Toxicology	Interactive effects of acidification and hypoxia and adaptive potential in red abalone
Andrew	Whitehead			Environmental Toxicology	Dynamical Systems Models Based on Energy Budgets for Ecotoxicological Impact Assessment
John	Whitehead			Environmental Toxicology	Assessing Toxicity of Oil Weathered on the Sea Surface: The Importance of Oil Photo-Products
Qi	Zhang			Environmental Toxicology	Characterizing Organic Aerosol Processes and Climatically Relevant Properties via Advanced and Integrated Analyses of Aerosol Mass Spectrometry Datasets from DOE Campaigns and ACRF Measurements
Qi	Zhang	Alan	Bennett	Environmental Toxicology	Understanding biomass burning aerosol via integrated analyses of aerosol mass spectrometry data from DoE campaigns and ACRF sites
Qi	Zhang			Environmental Toxicology	Investigation of the Impacts of Residential Wood Burning and the Curtailment Program on Wintertime PM2.5 Pollution in the San Joaquin Valley of California
Qi	Zhang			Environmental Toxicology	Collaborative Project: Aerosols, Nitrogen Oxides, and Ozone from Wildfires and Global Pollution at the Mt. Bachelor Observatory
Rachael	Bay			Evolution & Ecology	RoL:FELS:EAGER: Linking physiology, morphology, and genomics to investigate adaption to rapid environmental change
Richard	Grosberg			Evolution & Ecology	The resiliency of corals and climate change: Can hosts and symbionts jointly respond to warming oceans?
Santiago	Ramirez			Evolution & Ecology	Dimensions: Collaborative research: Biotic and abiotic drivers of Neotropical plant speciation
Sharon	Strauss			Evolution & Ecology	Genomic Analysis of Adaptation to an Extreme Terrestrial Environment
Donald	Strong			Evolution & Ecology	Examination of phenotypic plasticity of native Spartina foliosa populations in San Francisco Bay for tidal marsh restoration, endangered species support and adaptation to sea level rise
Linda	Harris			Food Science & Technology	Microbial Food Safety risks of reusing tail water for leafy green production
Maria	Marco			Food Science & Technology	Expanding education and knowledge of fermented fruits and vegetables
Nitin	Nitin			Food Science & Technology	Synergistic Interaction Between Ultraviolet Light And A Novel Photosensitizers For Enhanced Microbial Food Safety During Commercial Washing Of Fresh Produce
Nitin	Nitin			Food Science & Technology	Rechargeable antimicrobial and antifouling plastics for improved cleaning and sanitation of plastic bins and totes
Nina	Parkinson			Food Science & Technology	UC Laboratory for Research in Food Preservation
Nina	Parkinson			Food Science & Technology	UC Laboratory for Research in Food Preservation
Sharon	Shoemaker			Food Science & Technology	Research Roadmap for Advancing Technologies in California's Industrial, Agricultural, and Water Sectors
Christopher	Simmons			Food Science & Technology	Optimizing Solarization-Based Technologies as Sustainable Alternatives to Soil Fumigation
Christopher	Simmons			Food Science & Technology	Enrichment of Microbial Communities for Biogas Production in High-Solids Environments
Christopher	Simmons			Food Science & Technology	Assessment of almond residual biomass as soil amendments for biosolarization
Christopher	Simmons	Amanda	Hodson	Food Science & Technology	AIM Proposal: Field Trail Assessment of Biosolarization using Almond Residue Amendments to Improve Soil Health and Manage Pests in Almond Orchards
Christopher	Simmons	Jean	Vanderghyest	Food Science & Technology	Land application of tomato processing effluents: adding value while minimizing treatment demands
Christopher	Simmons			Food Science & Technology	Continued assessment of almond orchard performance and soil health following biosolarization using almond residue amendments (BIOSOLARIZATION - PROJECT 2)
Christopher	Simmons	Jesus Dionisio	Fernandez Bayo	Food Science & Technology	Application of Black Soldier Fly Larva (BSFL)-Digested Almond Residues to Soil
Christopher	Simmons			Food Science & Technology	Land application of tomato processing rinse water: understanding water, plant, and soil interactions to inform discharge strategies
Edward	Spang	Christopher	Simmons	Food Science & Technology	Demonstrating the potential for on-site electricity generation from food waste using containerized anaerobic digestion units
Edward	Spang			Food Science & Technology	WWF: Assessing opportunities for agricultural food recovery and conservation of resources in California
Maher	Al Rwahnih	Deborah	Golino	Foundation Plant Services	Survey and analysis of Grapevine leafroll-associated virus-3 genetic variants and application towards improved RT-qPCR assay design
Maher	Al Rwahnih	Deborah	Golino	Foundation Plant Services	Study of the Effect of Little cherry virus-1 and Little cherry virus-2 on Different Cherry Rootstocks
Maher	Al Rwahnih			Foundation Plant Services	Development and validation of real time quantitative PCR assays for the detection of fruit tree viruses
Maher	Al Rwahnih			Foundation Plant Services	Molecular characterization and improved detection of Californian isolates of grapevine pinot gris virus
Deborah	Golino			Foundation Plant Services	Deep sequencing-based discovery of viruses and virus-like pathogens in pistachio
Deborah	Golino	Adib	Rowhani	Foundation Plant Services	Study of the Effects of Red Blotch Disease on Different Grapevine Rootstocks and Different Vitis vinifera Plants
Fatima	Osman			Foundation Plant Services	The California Citrus Clean Plant Network (CCPN)
Adib	Rowhani			Foundation Plant Services	Improvement of Grapevine Health Monitoring
Adib	Rowhani			Foundation Plant Services	Study of the effects of red blotch disease on different grapevine rootstocks and different Vitis vinifera plants
Brad	Barber			Graduate School of Management	ESG Project
Sara	Giordano			Hart Interdisciplinary Program	Scholar's Award: Engineering more Domestic Sciences: Synthetic Biology, DIY Ethics and Feminist Science
Elizabeth	Grandia			Hart Interdisciplinary Program	Andrew W. Mellon Foundation's New Directions Fellowship: Toxic Trespass
Hsueh	Chiang			History	The Politics of Mental Health in Global Chinese Culture
Catherine	Brinkley			Human Ecology	CAREER: Mapping pathways to food security and sustainable development
Nancy	Erbstein			Human Ecology	Making youth data matter: Driving systems change to enhance youth and community health
Nancy	Erbstein			Human Ecology	Chronic Absenteeism in SCUSD
Nancy	Erbstein			Human Ecology	Building equitable student transportation (BEST)
Nancy	Erbstein			Human Ecology	Youth Leadership for School and Student Health
Jennifer	Falbe			Human Ecology	Healthy Retail as a Tobacco Control Strategy in San Francisco
Jennifer	Falbe			Human Ecology	Reducing sugar-sweetened beverage consumption among young adults: A point-of-selection experiment
Anjali	Gupta			Human Ecology	Re-location and Sustainability - Linking industrial and political ecology on Molokai and the Big Island, Hawaii

Leah	Hibel			Human Ecology	Fostering Healthy Development Among Maltreated Preschool-Ages Children
Leah	Hibel	Siwei	Liu	Human Ecology	Adversity and Socialization of Self-Regulation in Chronically Stressed Children
Leah	Hibel			Human Ecology	Pathways linking early adversity and support to behavioral and physical health
Martin	Kenney			Human Ecology	Entrepreneurship in an Era of Intelligent Tools and Systems
Eric	Larsen			Human Ecology	Yosemite Valley Merced River restoration
Jonathan	London			Human Ecology	Disadvantaged communities water justice study
Jonathan	London			Human Ecology	Kern County Language Access Health Impact Assessment
Jonathan	London			Human Ecology	Mapping Disadvantaged Communities in the Sacramento River Funding Area (SRFA) Disadvantaged Community Involvement (DACI) Program or (SFRA/DACI)
Jonathan	London			Human Ecology	Open Source Integrated Transport and Health Impacts Model (ITHIM)
Jonathan	London			Human Ecology	Integrating a Community Cumulative Impacts Framework in the Implementation of AB 617 and SB 673
Jonathan	London			Human Ecology	AB 617 Steering Committee Analysis
Brett	Milligan			Human Ecology	Integrated Monitoring of Restored and Naturalized Delta Landscapes
Brett	Milligan			Human Ecology	Franks Tract Futures
Johnna	Swartz			Human Ecology	Identifying Depression Early in Adolescence (IDEA)
Marjorie	Visser			Human Ecology	Economic indicators for the Delta
Marjorie	Visser			Human Ecology	Migrant Labor in Rural Societies
Marjorie	Visser			Human Ecology	Community Based Mobile Manufacturing of Structural Masonry Using Regional Materials
Marjorie	Visser			Human Ecology	Integrated Modeling Support
Marco	Molinaro			Iamstem Hub	Deep Roots: Wide-spread implementation of community-driven evidence-based pedagogy
Giovanni	Circella			Inst of Transportation Studies	3 Revolutions Future Mobility Program
Susan	Handy			Inst of Transportation Studies	TO 001 - Policy Forums
Susan	Handy			Inst of Transportation Studies	TO 002 - Research-in-Action Users Group
Susan	Handy			Inst of Transportation Studies	TO 032 - University of California, Riverside Round 3 Research Projects
Susan	Handy			Inst of Transportation Studies	TO 033 - University of California, Davis, Round 3 Research Projects: Group 1
Susan	Handy			Inst of Transportation Studies	TO 034 - Round 3 Research Projects: Group 2
Scott	Hardman			Inst of Transportation Studies	Accelerating Worldwide PEV Market Development: Coordinating Analysis from Empirical Research to Spur the Introduction of PEVs in US Cities
Louise	Bedsworth			Inst of Transportation Studies	Integrating Information from Climate Scientists and Resource Managers: Informing Preparedness and Adaptation to Extreme Event Impacts on Air and Water Quality in California (US EPA Grant Number 83518401)
Austin	Brown			Inst of Transportation Studies	Impact of the Clean Vehicle Rebate Project on California's Zero Emission Vehicle Market: White Papers for Assembly Bill 615 Report
Austin	Brown			Inst of Transportation Studies	ClimateWorks SWAT
Austin	Brown			Inst of Transportation Studies	CARB Greenhouse Gas Reduction Fund Investments: Project Outcomes Data Collection and Analysis
Andrew	Burke			Inst of Transportation Studies	TO 004 - 65A0686 - Technology, Sustainability, and Marketing of Battery Electric and Hydrogen Fuel Cell Medium and Heavy-Duty Trucks and Buses in 2020-2040
Giovanni	Circella	Miguel	Jaller Martelo	Inst of Transportation Studies	Emission Impacts of Connected and Automated Vehicle Deployment in California
Alan	Jenn			Inst of Transportation Studies	Integrating ZEV policy into the EPA OMEGA model
Julia	Ekstrom			Inst of Transportation Studies	Drought Planning and Climate Adaption of Small Self-Sufficient Water Utilities in California
Lewis	Fulton			Inst of Transportation Studies	STEPS 2015-2018: Understanding Critical Transition Dynamics for Sustainable Transportation
Lewis	Fulton			Inst of Transportation Studies	STEPS 2015-2018 (STEPS3): Understanding Critical Transition Dynamics for Sustainable Transportation
Lewis	Fulton			Inst of Transportation Studies	Energy and GHG impacts of vehicle automation
Lewis	Fulton			Inst of Transportation Studies	Supercharging our way to a low carbon mobility future: Three revolutions in global transportation by 2030
Lewis	Fulton			Inst of Transportation Studies	Optimized Allocation Strategy for the NOx Mitigation Funds per VW Consent Decree
Lewis	Fulton			Inst of Transportation Studies	Zero Emissions Vehicles and Future Mobility Trends
Lewis	Fulton			Inst of Transportation Studies	Sustainable Transportation Energy Pathways 2015-2018 Program
Lewis	Fulton			Inst of Transportation Studies	STEPS+ (PLUS) (2019-2022) Sustainable Transportation Energy Pathways- A Research consortium of the Insitute of Transportation Studies, University of California, Davis
Susan	Handy			Inst of Transportation Studies	National Center for Sustainable Transportation
Michael	Nicholas			Inst of Transportation Studies	PEV Consumer Behavior in Practice
Susan	Handy			Inst of Transportation Studies	National Center for Sustainable Transportation
Susan	Handy			Inst of Transportation Studies	SCPGIP projects greenhouse gas quantification support
Susan	Handy			Inst of Transportation Studies	TO 016 - Deployment of Sustainable Fueling/Charging Systems at CA Highway Safety Roadside Rest Areas
Susan	Handy			Inst of Transportation Studies	TO 023: Biking in Fresh Air: Consideration of Exposure to Traffic-Related Air Pollution in Bicycle Route Planning
Susan	Handy			Inst of Transportation Studies	TO 025 - Tracking Land Use Changes that Support Sustainable Mobility
Susan	Handy			Inst of Transportation Studies	TO 024 - Sustainable Mitigation of Stormwater Runoff through Fully Permeable Pavement
Susan	Handy			Inst of Transportation Studies	TO 027 - White Paper: The Sustainability of Building Affordable Housing in Transit Oriented Development (TODs)
Susan	Handy			Inst of Transportation Studies	TO 028 - White Paper on "The Environmental Effects of New Mobility Services
Susan	Handy			Inst of Transportation Studies	TO 029 - White Paper on "Examining the Safety, Mobility and Environmental Sustainability Co-Benefits and Tradeoffs of Intelligent Transportation Systems"
Susan	Handy			Inst of Transportation Studies	National Center for Sustainable Transportation
Susan	Handy			Inst of Transportation Studies	TO 036 - Framework for Developing Economic Competitiveness Measures for the California Sustainable Freight Action Plan
Susan	Handy			Inst of Transportation Studies	TO 037 - Developing Markets for Zero-Emission Vehicles in Short-Haul Goods Movement
Susan	Handy	Alissa	Kendall	Inst of Transportation Studies	GHG Quantification Methodology Technical Research for Transportation
Susan	Handy			Inst of Transportation Studies	TO 006 - 65A0686 - Making Bicycling Comfortable: Identifying Minimum Infrastructure Needs by Population Segment Using a Video Survey
Susan	Handy			Inst of Transportation Studies	TO 017 - 65A0686 - Electric Fleet Adoption Strategies - Addressing Storage and Infrastructure Needs
Susan	Handy			Inst of Transportation Studies	TO 020 - 65A0686 - Integrating Zero Emission Vehicles into the Caltrans Fleet
Daniel	Sperling			Inst of Transportation Studies	Three Revolutions and Energy Foundation
Scott	Hardman			Inst of Transportation Studies	TO 016 - 65A0686 - Understanding the Early Adopters of Fuel Cell Vehicles
Amy	Jaffe			Inst of Transportation Studies	The Feasibility Of Renewable Natural Gas As A Large-Scale, Low-Carbon Substitute
Amy	Jaffe			Inst of Transportation Studies	Potential to Build current Natural Gas Infrastructure to Accommodate the Future Conversion to Near-Zero Transportation Technology
Amy	Jaffe			Inst of Transportation Studies	The technological, economic, and environmental potential of natural gas as a sustainable fuel in the United States
Miguel	Jaller Martelo			Inst of Transportation Studies	TO 008 - 65A0686 - Analytical Modeling Framework to Assess the Economic and Environmental Impacts of Residential Deliveries, and Evaluate Sustainable City Logistics Strategies
Alan	Jenn			Inst of Transportation Studies	Energy and emissions implications of a transportation shift towards electric, automated, and shared vehicles
Alan	Jenn			Inst of Transportation Studies	Impacts of electric vehicle charging on distribution infrastructure
Alissa	Kendall			Inst of Transportation Studies	TO 010 - 65A0686 - Greenhouse Gas Reduction Opportunities for Local Governments: A Quantification and Prioritization Framework
Behdad	Kiani			Inst of Transportation Studies	TO 011 - 65A0686 - Utilizing Highway Rest Stops for Electric Vehicle Charging: Economics and Impacts on Renewable Energy Penetration in California
Michael	Kleeman	Joan	Ogden	Inst of Transportation Studies	Optimal Energy Portfolios to Sustain Economic Advantage, Achieve GHG Targets, and Minimize PM2.5
Kenneth	Kurani			Inst of Transportation Studies	New Car Buyers Valuation of Zero-Emission Vehicles
Kenneth	Kurani			Inst of Transportation Studies	TO 012 - 65A0686 - User Perceptions of Safety and Security: Toward a Framework for Transition to Electric, Shared, and Automated Vehicles
Marshall	Miller			Inst of Transportation Studies	2019 Multi-State Survey of Consumer Valuation of Zero Emission Vehicles
Mark	Moderer			Inst of Transportation Studies	The Development of Life cycle Data for Hydrogen Fuel Production and Delivery
Michael	Nicholas			Inst of Transportation Studies	User-oriented modeling tools for advanced hybrid and climate-appropriate rooftop air conditioners
Joan	Ogden			Inst of Transportation Studies	Block Grant for Electric Vehicle Charger Incentive Projects
Joan	Ogden			Inst of Transportation Studies	Cosponsor Next Sustainable Transportation Energy Pathways (STEPS) Program
Joan	Ogden			Inst of Transportation Studies	STEPS 2015-2018: Understanding Critical Transition Dynamics for Sustainable Transportation
Joan	Ogden			Inst of Transportation Studies	STEPS 2015-2018: Understanding Critical Transition Dynamics for Sustainable Transportation
Bart	Ostro			Inst of Transportation Studies	Associating Airborne Particle Types with Adverse Health Outcomes Using the Multi-Angle Imager for Aerosols (MAIA)
Susan	Pike			Inst of Transportation Studies	TO 013 - 65A0686 - Addressing the Uncertainty in the Outcomes of On-Demand Ridehailing and Sustainable Transportation in Transportation Planning and Policy
Caroline	Rodier			Inst of Transportation Studies	TO 014 - 65A0686 - Automated Vehicles and Central Business District Parking: The Effects of Drop-Off-Travel on Traffic Flow and Vehicle Emissions
Fraser	Shilling			Inst of Transportation Studies	TO 015 - 65A0686 - Understanding Behavioral Responses of Wildlife to Traffic to Improve Mitigation Planning
Nicholas	Spada			Inst of Transportation Studies	Chemical/Optical Properties of Olltok Aerosols
Yunshi	Wang			Inst of Transportation Studies	Support of the China-U.S. ZEV Policy Lab at UC Davis
Daniel	Sperling	Gil	Tal	Inst of Transportation Studies	ITS-Davis: Zero Emission Market Acceleration and the Three Revolutions: A Partnership with the Schmidt Family Foundation's 11th Hour Project
Yunshi	Wang			Inst of Transportation Studies	China-U.S. Zev Policy Lab at UC Davis - Triparty Workshop and Policy Adoption
Yunshi	Wang			Inst of Transportation Studies	Chinese ZEV Policy Implementation and Review

Daniel	Sperling	Giovanni	Circella	Inst of Transportatation Studies	Microtransit and Paratransit Efficiency Assessment
Daniel	Sperling			Inst of Transportatation Studies	Climate Solutions: Bending the Curve eBook
Daniel	Sperling			Inst of Transportatation Studies	Climate Smart Communities Consortium
Daniel	Sperling			Inst of Transportatation Studies	Zero Emission Market Acceleration and the Three Revolutions: Partnership with The Schmidt Family Foundation's 11th Hour Project
Gil	Tal			Inst of Transportatation Studies	Exploring the Potential of Plug-in Hybrid Electric Vehicles in Reducing Equivalent Greenhouse Gas Emissions at the Vehicle and Household Levels
Gil	Tal			Inst of Transportatation Studies	Emerging technology zero emission vehicle household travel and refueling behavior
Gil	Tal			Inst of Transportatation Studies	Toyota 2017-18: Exploring the potential of PEVs in reducing GHG's
Gil	Tal			Inst of Transportatation Studies	The Value of Fleet Management for Plug-in Electric Vehicles: Usage, Charging and Grid Integration
Gil	Tal			Inst of Transportatation Studies	Fuel Cell Electric Bus, Battery Electric Bus, and Battery Electric Train Infrastructure
Gil	Tal			Inst of Transportatation Studies	Exploring the Annual VMT of Alternative Fuel Vehicles in California
Gil	Tal			Inst of Transportatation Studies	White Papers on California's Changing Transportation Landscape
Thomas	Turrentine	Kenneth	Kurani	Inst of Transportatation Studies	Advanced Plug-In Electric Vehicle Usage And Charging Behavior Data Acquisition And Analysis
Thomas	Turrentine			Inst of Transportatation Studies	The dynamics of Plug-in Electric Vehicles in the Secondary Market and Their Implication for Vehicle Demand, Durability, and Emissions
Thomas	Turrentine			Inst of Transportatation Studies	Zero emission market acceleration partnerships
Thomas	Turrentine			Inst of Transportatation Studies	Accelerating Worldwide PEV Market Development
Thomas	Turrentine			Inst of Transportatation Studies	Accelerating Worldwide PEV Market Development
Thomas	Turrentine			Inst of Transportatation Studies	BMW 2016: Electrification, automation, connectivity and shared vehicles
Thomas	Turrentine			Inst of Transportatation Studies	Advancing deployment of electric vehicles in disadvantaged communities in the Southern California Edison territory
Yunshi	Wang			Inst of Transportatation Studies	Strengthening Communications of China-U.S. PEV Policy Development and Emerging Technologies and Capacity-Building
Yunshi	Wang			Inst of Transportatation Studies	Accelerating Worldwide PEV Market Development: SUPPORT FOR ADOPTION OF CHINA'S AND EU ZEV MANDATE
Yunshi	Wang			Inst of Transportatation Studies	Sustainable Freight Development in China
Yunshi	Wang			Inst of Transportatation Studies	Analysis of Low-speed Electric Vehicles in China
Yunshi	Wang			Inst of Transportatation Studies	Technical Assistance for Sustainable Chinese Cities (TASC2)
Yunshi	Wang			Inst of Transportatation Studies	Plug-in Electric Vehicle Consumer Behavior and Market Research-What are the Optimal Ranges for Chinese Consumers?
Julie	Witcover			Inst of Transportatation Studies	Biofuel innovation tracker
Julie	Witcover			Inst of Transportatation Studies	Pacific coast action plan on climate and energy: Technical assistance and targeted policy analysis
Julie	Witcover	James	Bushnell	Inst of Transportatation Studies	Pacific Coast Action Plan on Climate and Energy: Targeted Technical Assistance, Policy Analysis and Training
Reina	Engle-Stone			Instituteofglobalnutrition	Estimating the nutritional benefits and cost-effectiveness of micronutrient interventions in Haiti
Mark	Bell			International Ag Programs	Training Smallholder Farmers in China for Sustainable Production and Domestic Market Access (Phase II)
Jan	Hopmans			International Ag Programs	USDA-FAS-UC Davis climate-smart agriculture
Huaijun	Zhou	Rodrigo	Gallardo	International Ag Programs	Feed the Future Innovation Lab for Genomics to Improve Poultry
Huaijun	Zhou			International Ag Programs	Feed the Future Innovation Lab for Genomics to Improve Poultry
S	Schladow			John Muir Institute-Environ	USDA FS Emerald Fire
Paul	Aigner			John Muir Institute-Environ	Eticuera Creek Watershed Habitat Restoration Project
John	Durand			John Muir Institute-Environ	Hydrodynamic influences on the food webs of restoring tidal wetlands
John	Durand			John Muir Institute-Environ	Drought Management Synthesis: Lessons learned from drought-related management actions on the Delta ecosystem, water supply, agriculture, and economy
Erica	Fleishman			John Muir Institute-Environ	Development of wildfire scenarios for California's fourth climate change assessment
Erica	Fleishman			John Muir Institute-Environ	Engagement of managers and researchers on relations among cheatgrass-driven fire, climate, and sensitive-status birds across the Great Basin
Thomas	Harter			John Muir Institute-Environ	Antidegradation policy analysis
Jonathan	Herman	Josue	Medellin-Azuara	John Muir Institute-Environ	INFEWS/T2: The sustainability-productivity tradeoff: Water supply vulnerabilities and adaptation opportunities in California's coupled agricultural and energy sectors
Benjamin	Houlton			John Muir Institute-Environ	Effects of Prescribed Fire on Wildfire Burned Mixed Conifer
Benjamin	Houlton			John Muir Institute-Environ	Planning and Implementation of Prescribed Burns in the Power Fire
Benjamin	Houlton			John Muir Institute-Environ	Prioritizing Seed Collection Efforts for Timely Response to Tree Mortality, Fire and Climate Change in California-Component 1
Benjamin	Houlton			John Muir Institute-Environ	Addressing Water Management for Woody Perennial Crops under Increasing Temperatures in Mid-Century and End-of-Century Climate Conditions
Benjamin	Houlton			John Muir Institute-Environ	Developing Resilient Reforestation Strategies: Regeneration Spatial Pattern and Growth of Conifers in Active-Fire Forests
Benjamin	Houlton			John Muir Institute-Environ	California Collaborative for Climate Change Solutions (C4S) Agricultural Innovation Center - A Reimagined California: Leadership in Climate Change Solving Agriculture
Carson	Jeffres	Ann	Willis	John Muir Institute-Environ	Restoration Benefits of the Northeast Delta Landscape: Monitoring and Modeling to Link Physical Process, Food Web, and Fish Across a Landscape Gradient
Carson	Jeffres			John Muir Institute-Environ	Restoration Benefits of the Northeast Delta Landscape: Monitoring and Modeling to Link Physical Process, Food Web, and Fish Across a Landscape Gradient
Jay	Lund			John Muir Institute-Environ	Design of Water Resources Inventory Assessment for National Wildlife Refuges
Jay	Lund			John Muir Institute-Environ	Analysis and Review on the Content and Methods for Establishing Environmental Flows for the San Francisco/Sacramento-San Joaquin Delta (Bay-Delta) and its Tributaries
Jay	Lund			John Muir Institute-Environ	Impacts of Drought and Improving California's Drought Management System
Jay	Lund			John Muir Institute-Environ	Preparing for Water Scarcity: Learning from California's Recent Drought
Josue	Medellin-Azuara	Cathryn	Lawrence	John Muir Institute-Environ	Economic Costs and Environmental Implications of California Corp and Livestock Adaptation to Climate Change
Peter	Moyle			John Muir Institute-Environ	Extending the Arc: Understanding the importance of fresh water tidal habitat & changing environmental conditions to native fish populations of the Delta
Peter	Moyle			John Muir Institute-Environ	Fisheries information system history & environment survey for Lassen Volcanic National Park
Peter	Moyle			John Muir Institute-Environ	Conservation Status of California Fish
Malcolm	North			John Muir Institute-Environ	Drought resilience under restored fire regimes: Which stand structures, site conditions, and fire histories lower tree mortality?
Maxwell	Odland	Maxwell	Odland	John Muir Institute-Environ	What Prescribed Fire Conditions Best Replicate Active Fire Regime Effects on Understory Diversity?
Steven	Sadro			John Muir Institute-Environ	Determining seasonal sensitivity of periphyton metabolism to climate warming
S	Schladow			John Muir Institute-Environ	TMDL and water quality lake model (Pyramid Lake, PYRAM_1D)
S	Schladow			John Muir Institute-Environ	Enhanced Stormwater Resource Plan - Technical Advisory Committee
Mark	Schwartz			John Muir Institute-Environ	Research Topics in The Potential And Actual Effects Of Environment Stressors
Mark	Schwartz			John Muir Institute-Environ	Risk Adaption And Mitigation To Climate Change Initiative
Mark	Schwartz			John Muir Institute-Environ	Landscape Model for Managing Forest Carbon, Wildfire and Wildlife Habitat
Mark	Schwartz			John Muir Institute-Environ	Development, delivery, and application of data on climate extremes for the southwestern United States
Mark	Schwartz			John Muir Institute-Environ	Using UC reserves to detect and forecast climate impacts
Mark	Schwartz			John Muir Institute-Environ	Using climate models and historical environmental data for preliminary predictions of shifts in vegetation type and productivity in Oaxaca under climate change scenarios
Mark	Schwartz			John Muir Institute-Environ	Salvage logging and climate change effects on post-wildfire restoration
Mark	Schwartz			John Muir Institute-Environ	Post-Fire Reforestation/Restoration Research and Monitoring-Vegetation (Moonlight Fire)
Mark	Schwartz			John Muir Institute-Environ	The Nature Conservancy fellows program--T.O. #3
Mark	Schwartz			John Muir Institute-Environ	The Nature Conservancy Fellows Program
Mark	Schwartz	Elisabeth	Middleton	John Muir Institute-Environ	Southwest Climate Adaptation Science Center
Mark	Schwartz			John Muir Institute-Environ	Improving and accelerating the application of research findings to key natural-resource management issues in California
Susan	Ustin			John Muir Institute-Environ	University of California Davis Resources and Facilities Available for FAA Requested Research in UAV Technologies
Susan	Ustin			John Muir Institute-Environ	UCD Russell Ranch 2019 Climate Horticulture Research Pilot
Ann	Willis			John Muir Institute-Environ	Task Order 2: Little Shasta River Preliminary Investigation for Conservation Actions
Sarah	Yarnell-Hayes			John Muir Institute-Environ	A demonstration of the carbon sequestration and biodiversity benefits of beaver and beaver dam analogue restoration techniques
Sarah	Yarnell-Hayes			John Muir Institute-Environ	Task Order 2: Van Norden Meadow Restoration and Research Project
Sarah	Yarnell-Hayes			John Muir Institute-Environ	Drought and climate change vulnerability assessment in Southern California streams
Sarah	Yarnell-Hayes			John Muir Institute-Environ	Task Order 4: Development of Tier 1 environmental flows for California
Susan	Ustin			Land Air & Water Resources	Using multi-temporal hyperspectral data to model environmental impacts on coral reef health in Hawaii
Cort	Anastasio			Land Air & Water Resources	Collaborative Research: Fog Drop Reactions of Green Leaf Volatiles as a Source of Secondary Organic Aerosol
Cort	Anastasio			Land Air & Water Resources	Quantifying Nitrite Formation From the Photolysis of Nitrate in/on Ice
Cort	Anastasio			Land Air & Water Resources	Phenol reactions in aqueous particles as a source of secondary organic aerosol
Cort	Anastasio	Davide	Donadio	Land Air & Water Resources	Environmental Photochemistry at the Air-Ice Interface
Shu-Hua	Chen			Land Air & Water Resources	Atmospheric river research
Victor	Claassen			Land Air & Water Resources	Knoxville Recreation Area Restoration and Research
Victor	Claassen			Land Air & Water Resources	Regeneration of browse and cover habitat on exposed pond banks at Bear Creek Ranch using rainfall capture in soil
Stephen	Conley			Land Air & Water Resources	Localization and Quantification Of Methane Sources From Aircraft
Stephen	Conley			Land Air & Water Resources	Reconciling top-down and bottom-up greenhouse gas and air pollutant emission estimates from unconventional gas development in the Denver-Julesburg Basin

Helen	Dahlke			Land Air & Water Resources	Agricultural Groundwater Recharge Study (AGRS)
Helen	Dahlke			Land Air & Water Resources	Winter Water Management Assessing Recharge in Almond Orchards - Sacramento Valley
Helen	Dahlke			Land Air & Water Resources	Suitability of alfalfa forage crops for winter groundwater recharge
Helen	Dahlke			Land Air & Water Resources	A Field Study to Evaluate the Impacts of On-farm Recharge on the Leaching Behavior of Agricultural Pesticides
Helen	Dahlke			Land Air & Water Resources	Increasing agricultural water availability through agricultural groundwater recharge
Helen	Dahlke	Laura	Foglia	Land Air & Water Resources	Developing science-based approaches to managed agricultural groundwater recharge in California's Central Valley
Helen	Dahlke			Land Air & Water Resources	Strategies to Augment Water Supply Through On-Farm Recharge on Pecans as a Key Element for Groundwater Sustainability Under the Sustainable Groundwater Management Act
Ian	Faloon			Land Air & Water Resources	Ozone in the Lower Atmosphere and its Contribution to High Ozone Concentrations at Ground-Level in the Southern San Joaquin Valley
Ian	Faloon			Land Air & Water Resources	EDF: Airborne methane emissions estimates from two California Dairies
Ian	Faloon			Land Air & Water Resources	Airborne measurements of horizontal advection and vertical mixing during CABOTS
Ian	Faloon			Land Air & Water Resources	A Quantification of Surface CH4 Sources in the San Francisco Bay Area
Ian	Faloon			Land Air & Water Resources	2C- Emission Inventories from Natural Gas Storage Facilities using Regional Frequency Comb Laser Monitoring and Aircraft Flyers
Graham	Fogg			Land Air & Water Resources	UC Water Security and Sustainability Research Initiative
Laura	Foglia	Laura	Foglia	Land Air & Water Resources	Headwaters to groundwater: Resources in a changing climate
Laura	Foglia			Land Air & Water Resources	PHASE 2 OF THE UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY PLAN
Daniel	Geisseler			Land Air & Water Resources	Development of yield to N removed conversions for Central Valley Irrigated Lands Regulatory Program
Daniel	Geisseler			Land Air & Water Resources	Nitrogen Requirements and Release Rates of Organic Amendments in Organic Fresh Market Tomato Production
Daniel	Geisseler			Land Air & Water Resources	Assessment of Harvested and Sequestered Nitrogen Content to Improve Nitrogen Management in Perennial Crops
Daniel	Geisseler			Land Air & Water Resources	Evaluation of Nitrogen Uptake and Applied Irrigation Water in Asian Vegetables Bok Choy, Edible Chrysanthemum, Chives, Moringa, and Lemongrass
Daniel	Geisseler	Jorge	Rodrigues	Land Air & Water Resources	Determining the relationship between soil health and stress indicators for plants and soil microbial communities
Daniel	Geisseler			Land Air & Water Resources	Optimizing access of drip irrigated organic fresh market tomatoes to soil nitrogen through grafting and irrigation management
Richard	Grotjahn			Land Air & Water Resources	Large Scale Dynamics and Statistics of California Extreme Weather in the Atmosphere and in Global Models
Thomas	Harter			Land Air & Water Resources	Estimating unsaturated zone N fluxes and travel times to groundwater at watershed and principal-aquifer scales
Thomas	Harter			Land Air & Water Resources	Understanding Groundwater-Surface Water Linkages in Scott Valley, CA
Thomas	Harter			Land Air & Water Resources	Groundwater Nitrate Fluxes Dairy Annual Reporting Data Analysis
Thomas	Harter			Land Air & Water Resources	Develop a Pesticide Fate & Transport Model in the Groundwater of Fresno/Tulare Counties
Thomas	Harter			Land Air & Water Resources	Groundwater Monitoring of Almond Orchard Nitrate Leaching under Advanced Water and Nutrient Management Practices
Thomas	Harter			Land Air & Water Resources	Evaluating HFCL Nitrogen Management Strategies to Minimize Reactive Nitrogen Mobilization from California Almond Orchards
Thomas	Harter			Land Air & Water Resources	Scott Valley Groundwater Sustainability Plan
Thomas	Harter			Land Air & Water Resources	Shasta Valley Groundwater Sustainability Plan
Thomas	Harter			Land Air & Water Resources	Butte Valley Groundwater Sustainability Plan
Thomas	Harter			Land Air & Water Resources	Central Valley CEAP
Thomas	Harter			Land Air & Water Resources	Predicting Nitrate In Domestic and Production Wells by Machine Learning Techniques
Peter	Hernes			Land Air & Water Resources	Collaborative Research: Calibration and Application of Vascular Plant and Aqueous Microbial Biomarkers to Examine Transformations of Dissolved Organic Matter
Peter	Hernes			Land Air & Water Resources	Land-Ocean Interactions in the Arctic: An integrative field Campaign to Assess the impacts of Natural- and Anthropogenic Changes to Coastal Ocean Biology, Biogeochemistry and biodiversity
Peter	Hernes			Land Air & Water Resources	Land-Ocean Interactions in the Arctic: An Integrative Field Campaign to Assess the Impacts of Natural- and Anthropogenic Changes to Coastal Ocean Biology, Biogeochemistry and Biodiversity
Peter	Hernes			Land Air & Water Resources	Impacts of estuarine processes on delivery of Arctic riverine materials to the near coastal environment: Implications for water quality and biogeochemical cycling in Preparation for Arctic-COLORS
William	Horwath			Land Air & Water Resources	Alternative agricultural management strategies to reduce runoff and improve water quality
William	Horwath			Land Air & Water Resources	Rice Culture in the Sacramento-San Joaquin Delta to Mitigate Past Agricultural Impacts, Improve Water Quality and Sequester Carbon
William	Horwath			Land Air & Water Resources	Defining and Implementing Agriculture Management Practices to Mitigate and Adapt to Climate Change
William	Horwath			Land Air & Water Resources	WSC Category 3: Agricultural sensitivity to climate change and water resources interactions in the San Joaquin Valley, Calif. and system resilience offered by adaptation strategies
William	Horwath			Land Air & Water Resources	Nitrate Leaching Risk from Specialty Crop Fields During On-Farm Managed Floodwater Recharge in the Kings Groundwater Basin
William	Horwath			Land Air & Water Resources	Nitrous Oxide Emissions in Subsurface Drip and Flood Irrigated Dairy Forage Production Systems
William	Horwath			Land Air & Water Resources	The Role of Nitrification in Rice Systems to Support Nitrogen Use Efficiency
William	Horwath			Land Air & Water Resources	Development of COMET-Farm and Greenhouse Gas Accounting for Specialty Crops
William	Horwath	Anthony	O'Geen	Land Air & Water Resources	Assessing nitrate leaching hazard from groundwater recharge in almonds
William	Horwath			Land Air & Water Resources	Converting Manure to Reduce Greenhouse Gas Emissions, Minimize Environmental Impacts, and Enhance the Economic Feasibility of Dairy Operations
William	Horwath			Land Air & Water Resources	Development of COMET-Farm and Greenhouse Gas Accounting for Specialty Crops (58-2032-6-040)
William	Horwath			Land Air & Water Resources	Development of COMET-Farm and Greenhouse Gas Accounting for Specialty Crops
William	Horwath			Land Air & Water Resources	Evaluation of certified organic fertilizers for long-term nutrient planning
William	Horwath			Land Air & Water Resources	The Role of Nitrification in Rice Systems to Support Nitrogen Use Efficiency
William	Horwath			Land Air & Water Resources	Assessing nitrate leaching hazard from groundwater recharge in almonds
William	Horwath	Xia	Zhu Barker	Land Air & Water Resources	Developing N management plan on incorporation of organic soil amendment inputs with fertilizer N
William	Horwath			Land Air & Water Resources	Coastal fog-mediated interactions between climate change, upwelling, and coast redwood resilience: Projecting vulnerabilities and the human response
William	Horwath			Land Air & Water Resources	The Role of Nitrification in Rice Systems to Support Nitrogen Use Efficiency
William	Horwath			Land Air & Water Resources	Development of COMET-Farm and Greenhouse Gas Accounting for Specialty Crops
William	Horwath			Land Air & Water Resources	Strengthening the Climate Resilience of Central Coast Specialty Crops with Organic Amendments Using the COMET-Farm Tool
Benjamin	Houlton			Land Air & Water Resources	CAREER: Large-Scale Nitrogen Cycles and Underrepresented Groups: A Plan for Advancement
Benjamin	Houlton			Land Air & Water Resources	Bedrock Nitrogen and the Earth System: From Geobiological Mechanisms to Climate Change Forecasts
Adele	Igel			Land Air & Water Resources	Dissipation of Mixed-Phase Arctic Clouds and Its Relationship to Aerosol Properties
Yufang	Jin			Land Air & Water Resources	Mapping Evapotranspiration for improved data-driven water management
Yufang	Jin			Land Air & Water Resources	Data-driven Block-level Yield Prediction for Seasonal N Fertilization Strategies in California's Almond Orchards 33893
Yufang	Jin			Land Air & Water Resources	The Future of California Drought, Fire and Forest Dieback
Yufang	Jin			Land Air & Water Resources	Innovation Center for Advancing Ecosystem Climate Solutions
Isaya	Kisekka			Land Air & Water Resources	Advances in Water Limited Irrigation Management
Isaya	Kisekka			Land Air & Water Resources	Sustaining Agriculture through Adaptive Management to Preserve the Ogallala Aquifer under a Changing Climate
Isaya	Kisekka			Land Air & Water Resources	Sustaining Agriculture through Adaptive Management to Preserve the Ogallala Aquifer under a Changing Climate
Isaya	Kisekka			Land Air & Water Resources	Improving Irrigation Scheduling for Almonds Using Variable Rate Microirrigation, Soil, and Plant Water Status Monitoring.
Douglas	MacKay			Land Air & Water Resources	RPSO #45: Controlled Release Experiments: Fate of Biofuels and Gas Generation at Putah Creek Riparian Reserve, UC Davis
Douglas	MacKay			Land Air & Water Resources	Controlled Release Experiments on Gas Generation and Fate at Ethanol or Gasohol Spill Sites and Oxidation of Methane in the Unsaturated Zone
Erwan	Monier			Land Air & Water Resources	An Integrated Framework for Climate Change Assessment
Erwan	Monier			Land Air & Water Resources	Climate implications for natural ecosystems and their interactions with key sectors
Anthony	O'Geen			Land Air & Water Resources	Database Development for Manually Collected NRCS Soil Climate Data
Anthony	O'Geen			Land Air & Water Resources	A Data Driven Nitrate leaching Hazard Index and BMP Assessment Tool
Anthony	O'Geen			Land Air & Water Resources	Added Functionality and Ongoing Support for the Henry Mount Soil Temperature and Water Database
Anthony	O'Geen			Land Air & Water Resources	Soil Life - Storytelling and Digital Media to Inspire Change from the Ground Up!
Anthony	O'Geen			Land Air & Water Resources	Creating CASH:
Sanjai	Parikh			Land Air & Water Resources	Biochar Amendment: A Sustainable Remediation Strategy For Shallow Soil Contamination By Heavy Hydrocarbons
Kyaw	Paw U			Land Air & Water Resources	Type 2: The Future of Ecosystems and Extremes: Using Diverse Environmental Data Sets in Support of Regional to Global Earth-System Models and Predictions
Kyaw	Paw U			Land Air & Water Resources	Sacramento-San Joaquin Delta Following Pilot Evapotranspiration Monitoring Program

Samuel	Sandoval Solis			Land Air & Water Resources	Customized Web-Based Calculator For Quantifying And Monitoring The Efficiency Of Agricultural Water Use
Samuel	Sandoval Solis			Land Air & Water Resources	Technical Assessment and Hydrolic Modeling on the Russian River Phase II: Hydrolic Modeling and Water Management Evaluation
Samuel	Sandoval Solis			Land Air & Water Resources	Hydrologic Analysis of California Rivers for Environmental Flows
Samuel	Sandoval Solis			Land Air & Water Resources	Characterization of the Ukiah Valley Groundwater Basin
Samuel	Sandoval Solis			Land Air & Water Resources	Assessing Climate Variability and Adaptation Strategies for the Rio Grande Basin
Kate	Scow			Land Air & Water Resources	Building Capacity For Assessing And Deploying Irrigation Technology Innovations In Ease Africa
Kate	Scow			Land Air & Water Resources	UC Consortium for Drought and Carbon Management (UC DroCaM)
Kate	Scow			Land Air & Water Resources	TNC - UC Davis collaborative research on Soils and Climate
Lucas	Silva			Land Air & Water Resources	Measuring Climate-Driven Shifts in Evapotranspiration, Water Balance and Depth of Water Uptake to Improve Efficiency and Resilience of California's Tree Crops
Lucas	Silva			Land Air & Water Resources	Woodland Salamanders and the Forest Carbon Cycle: Examining a Significant but Under-appreciated Trophic Link with Implications for Global Climate Change
Lucas	Silva			Land Air & Water Resources	Collaborative Research: Assessing climate-biosphere linkages using Late Holocene records of climate variability and vegetation dynamics from the Brazilian Amazon and Savanna
Kosana	Suvocarev	Daniele	Zaccaria	Land Air & Water Resources	Measuring cherry evapotranspiration and deriving crop coefficient (Kc) values for use in irrigation scheduling
Paul	Ullrich			Land Air & Water Resources	A non-hydrostatic variable resolution atmospheric model in ACME
Paul	Ullrich	Richard	Grotjahn	Land Air & Water Resources	Tempest extremes: Indicators of change in the characteristics of extreme weather
Paul	Ullrich	Richard	Grotjahn	Land Air & Water Resources	An integrated evaluation of the simulated hydroclimate system of the continental US
Paul	Ullrich			Land Air & Water Resources	An integrated evaluation of the simulated hydroclimate system of the continental US
Paul	Ullrich			Land Air & Water Resources	Advanced Statistical-Dynamical Downscaling Methods and Products for California Electrical System Climate Planning
Daniele	Zaccaria			Land Air & Water Resources	Understanding the impacts of soil-water salinity on water uptake and consumptive use of mature pistachio orchards grown in the San Joaquin Valley with micro-irrigation
Minghua	Zhang			Land Air & Water Resources	Assessment of Agricultural Pesticide Use and Water Quality Modeling to Predict Aquatic Weed Growth
Xia	Zhu Barker			Land Air & Water Resources	Developing best management practices for tomato growers to use compost by understanding its effects on C and N dynamics
Robert	Irwin			Languages & Literatures	Humanizing Deportation: Creating a Digital Storytelling Archive
Michael	Siminovitch			Lighting Technology Center	Light-RITE Curriculum Development
Keith	Graeber			Lighting Technology Center	Energy-Efficient Daylighting Solutions for Existing Buildings
Konstantinos	Papamichael			Lighting Technology Center	Energy-Efficient Lighting Systems Evaluations for Commercial Applications
Konstantinos	Papamichael			Lighting Technology Center	Southern California Edison's (SCE) 2016 Title 20 Code Change Advocacy Work Plan - Efficiency Requirements for Indoor Plug-in-Signage Project
Michael	Siminovitch	Konstantinos	Papamichael	Lighting Technology Center	From the Laboratory to the Ca Marketplace: A New Generation of LED Lighting Solutions
Michael	Siminovitch			Lighting Technology Center	California Quality LED Product Review
Michael	Siminovitch			Lighting Technology Center	Development and Support of California Energy Standards and Learning Tools
Michael	Siminovitch			Lighting Technology Center	Expanding Career Pathways in the Electrical Industry: Increasing Workforce Development Opportunities in Disadvantaged Communities and Providing Inside Wireman Apprentices with Advanced Energy Efficiency Skills
Michael	Siminovitch			Lighting Technology Center	Linear LED Replacement Solution Evaluation
Michael	Siminovitch			Lighting Technology Center	2019 Title 24 Cross-Cutting Lighting Measures
Michael	Siminovitch			Lighting Technology Center	Title 20 Appliance Efficiency Regulations
Michael	Siminovitch			Lighting Technology Center	Outdoor Lighting and Controls Recommendations for the 2022 Nonresidential Energy Standards
Michael	Siminovitch			Lighting Technology Center	Lighting Application Research Center for the Development and Evaluation of Demonstrative Projects of New Lighting Systems to Improve Energy Efficiency in the Private and Public Sector
Joseph	Biello			Mathematics	Multiscale Asymptotic Analysis Of Tropical Atmosphere Dynamics
Cristina	Davis			Mechanical & Aerospace Engr	A wearable monitor for pediatric asthma: Developing environmental and breath sensors linked to spirometry
Cristina	Davis	Susan	Ebeler	Mechanical & Aerospace Engr	Citrus Volatile Profiles
Cristina	Davis	Susan	Ebeler	Mechanical & Aerospace Engr	Metabolomic Analysis to Detect Response to Therapy
Jean-Pierre	Delplanque			Mechanical & Aerospace Engr	Computational modeling of flow and thermal transport, additive manufacturing, and phase kinetics.
Valeria	Ia Saponara			Mechanical & Aerospace Engr	Towards an Understanding of the Mechanics Underlying Life Performance of Sandwich Construction under Extreme Environments
Vinod	Narayanan			Mechanical & Aerospace Engr	Design, fabrication and characterization of microchannel heat exchangers for fossil-fired supercritical CO2 cycles
Vinod	Narayanan			Mechanical & Aerospace Engr	ADDITIVELY-MANUFACTURED MOLTEN SALT-TO-SUPERCRITICAL CARBON DIOXIDE HEAT EXCHANGER
Jae Wan	Park			Mechanical & Aerospace Engr	Demonstration of community scale low cost highly efficient PV and energy management system
Jae Wan	Park			Mechanical & Aerospace Engr	High performing PEMFC with metal foam as flow distributor
Jae Wan	Park			Mechanical & Aerospace Engr	Design and Simulation of PEMFC Metal Bipolar Plates
Bahram	Ravani			Mechanical & Aerospace Engr	Solar lighting evaluation for highway applications
Cornelis	van Dam	Shu-Hua	Chen	Mechanical & Aerospace Engr	Improving Short-Term Wind Power Forecasting through Measurements and Modeling of the Tehachapi Wind Resource
Cornelis	van Dam			Mechanical & Aerospace Engr	Surface erosion and roughness effects on wind turbine blades and rotors
Cornelis	van Dam			Mechanical & Aerospace Engr	Maximizing the value of meteorological forecast models and observing systems for wind power grid integration - Phase I
Cornelis	van Dam	Xiaoguang	Liu	Mechanical & Aerospace Engr	REnewALL - 21st Century Solutions for 20th Century Wind Projects
Scott	Dawson			Microbiology & Molec Genetics	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia
Scott	Dawson			Microbiology & Molec Genetics	Novel In Vitro and In Vivo Bioluminescent Assays of Giardia Cellular Function
Scott	Dawson			Microbiology & Molec Genetics	Drug Design Targeting ProRS in Anaerobic Parasites
Scott	Dawson			Microbiology & Molec Genetics	The impact of Giardia metabolism in causing gastrointestinal dybiosis
Scott	Dawson			Microbiology & Molec Genetics	Molecular mechanisms of attachment by the ventral disc in Giardia
Samuel	Diaz			Microbiology & Molec Genetics	Dissecting the drivers of avian influenza virus reassortment in the wild bird reservoir
Katherine	Ralston			Microbiology & Molec Genetics	The role of Entamoeba histolytica trophocytosis (tropho-: nibble) in the pathogenesis of amoebiasis
John	Meeks			Microbiology & Molec Genetics	Dimensions: Collaborative Research: Integrating phylogenetics, ecophysiology and transcriptomics to understand the diversity of hornwort-cyanobacterium symbiosis
John	Roth	Michael	Savageau	Microbiology & Molec Genetics	Duplications, amplifications and the response of bacterial populations to selection
Katherine	Ralston			Microbiology & Molec Genetics	
Judy	Callis			Molecular & Cellular Bio	Analysis of Proteins Affecting Chloroplast Function
Judy	Callis			Molecular & Cellular Bio	Regulation of Abiotic Stress Responses in Plants by the Ubiquitin Pathway
J	Lagarias	James	Ames	Molecular & Cellular Bio	SISGR: Cyanobacterial photoreceptor systems for regulation and optimization of energy harvesting
J	Lagarias	James	Ames	Molecular & Cellular Bio	Light sensing and harvesting in cyanobacterial photoreceptors
William	Casey			Neat	The Oregon Green Chemistry Institute
Dominik	Haudenschild			Neat	Multivalent Presentation of Growth Factors Regulates Cellular Responses
Dominik	Haudenschild			Neat	Anti-inflammatory bioconjugates for sustained inhibition of post-traumatic osteoarthritis following joint injury
Dominik	Haudenschild	Jasper	Yik	Neat	Prevention of Posttraumatic Osteoarthritis with CDK9 Inhibitors
Rebecca	Calisi			Neuro Physio & Behavior	Wild Hope Adventures: Puerto Rico. An uplifting video adventure series about wildlife resilience post Hurricane Maria
Mark	Huising			Neuro Physio & Behavior	Microenvironmental cues control pancreas cell fate and beta-cell maturation
Gabrielle	Nevitt			Neuro Physio & Behavior	Applying High-Resolution GPS Tracking to Characterize Sensory foraging Strategies of the Black-Browed Albatross, a Top Predator of the Southern Ocean Ecosystem
Marilyn	Ramenofsky			Neuro Physio & Behavior	Collaborative Research: Effects of Warming-Induced Increases in Shrub Abundance and Changing Seasonality on Migratory Songbirds in Alaskan Arctic Tundra
John	Wingfield			Neuro Physio & Behavior	Modulation of the Adrenocortical Responses to Environmental Perturbations of the Environment
Deanne	Meyer	Peter	Robinson	Nutrition	Characterize physical and chemical properties of manure in California dairy systems to improve greenhouse gas (GHG) emission estimates
Katherine	Adams			Nutrition	Hunger Free Communities Research Technical Assistance
Joanne	Arsenault			Nutrition	WFP nutrition-sensitive team project
Joanne	Arsenault			Nutrition	WFP nutrition-sensitive team project
Joanne	Arsenault			Nutrition	Suaahara Adolescent Nutrition Study
Joanne	Arsenault			Nutrition	Harnessing food demand systems for improved nutrition in Sub-Saharan Africa
Kathryn	Dewey			Nutrition	Nutritional status and birth outcomes in pregnant adolescent women in rural Bangladesh
Kathryn	Dewey			Nutrition	Effects of a pre- and postnatal nutritional intervention among pregnant Bangladeshi adolescents on growth, development and morbidity of their infants during the first two years of life.
Reina	Engle-Stone	Kenneth	Brown	Nutrition	Monitoring and Evaluation of Large-Scale Food Fortification in Cameroon
Reina	Engle-Stone			Nutrition	Cost-Effectiveness of multiple micronutrient supplements compared to iron-folic acid supplements for improving health, nutritional status
Marjorie	Haskell			Nutrition	Efficacy of Biofortified Maize to Improve Maternal and Infant Vitamin A Status
Marjorie	Haskell			Nutrition	Assessment of biomarkers of excessive vitamin A status in infants with high dietary intake of vitamin A
Marjorie	Haskell			Nutrition	Suaahara Adolescent Nutrition Study
Sonja	Hess Brown			Nutrition	Assessment of the Nutritional Status of Pregnant Women in Zinder, Niger and Optimization of Prenatal Care Services

Sonja	Hess Brown			Nutrition	Lao Zinc (LaZi) Trial Randomized, masked, community-based trial in rural Lao PDR to determine the effects of two forms of daily preventive zinc supplementation versus therapeutic zinc supplementation for diarrhea on young children's physical growth and ri
Sonja	Hess Brown	Kimberly	Wessells	Nutrition	Impacts of preventive and therapeutic zinc supplementation and micronutrient providers on growth, development and risk of infection among young children in rural Lao PDR: An addition to the Lao zinc study
Cesaire	Ouedraogo			Nutrition	Assessment of the Nutritional Status of Pregnant Women in Zinder, Niger, and Optimization of Antenatal Care Services
Elizabeth	Prado			Nutrition	Saving Brains: Scaling early childhood development at Anganwadi Centers in India
Elizabeth	Prado			Nutrition	Impact evaluation of WFP-implemented nutrition programs in Malawi and Mozambique
Joanne	Arsenault			Nutrition	Restricted Growth and Dynamic Energy Budget Modeling
Maxwell	Barffour			Nutrition	Effects of zinc alone versus multiple micronutrients on IGF1, IGF1, and growth in Laotian children
Kathryn	Dewey			Nutrition	Development and Evaluation of Lipid-Based Nutrient Supplements (LNS) for Prevention of Malnutrition: An Innovative Food-Based Approach
Christine	Stewart			Nutrition	Measuring the Benefits of Sanitation, Water Quality & Handwashing Interventions for Improving Health & Development
Christine	Stewart	Kathryn	Dewey	Nutrition	The Effect of Water, Sanitation, Hygiene, and Nutrition Interventions During The First Two Years Of Life On Anemia and Micronutrient Status
Joanne	Arsenault			Nutrition	PM2A project in Guatemala
Joanne	Arsenault			Nutrition	PM2A project in Guatemala
Joanne	Arsenault			Nutrition	PROJECT: SNV-Rwanda
					Dietary intake and nutrient gap assessment among pregnant and breast-feeding women considering the seasonal availability of foods and household resources in Zinder, Niger: An Optifood study
Sonja	Hess Brown	Kimberly	Wessells	Nutrition	Mahay Study
Christine	Stewart			Nutrition	
Alan	Bennett			Office of the Provost	AGRO-CLIMATE TECHNOLOGIES
Keith	Watenpugh	James	Rix	Office of the Provost	The Article 26 Backpack: A universal tool to empower refugee and vulnerable young people to connect with global higher education and training opportunities
Sarah	McCullough			Or:Feminist Research Institute	Legacies of the Street: Seeking Transportation Justice
Sarah	McCullough			Or:Feminist Research Institute	Gender Equity Legislative Overview
Sarah	McCullough	Miguel	Jaller Martelo	Or:Feminist Research Institute	IGE: A pathway to inclusion for STEM researchers
Clare	Casteel			Phoenix	Epidemiology and Control of Insect Vected Diseases of Potato
Amanda	Hodson			Phoenix	In-Plant Screening for Microbial Communities that Reduce Nematode Effects on Plant Health
Themis	Michailides			Phoenix	Biocontrol of Aflatoxin Contamination of Almond – Towards Implementation in Orchards
Themis	Michailides			Phoenix	Epidemiology Prediction and Management of Botryosphaeria/Phomopsis Canker and Blight and Anthracnose of Walnut in California
Nicholas	Spada			Physics	Collection and Analysis of GEOSummit Aerosols
James	Crutchfield			Physics	Information Thermodynamics of the Observer
					Spatiotemporal Computation Mechanics - Developing a Novel Approach to Automatically Modeling Coherent Structures and Predicting Turbulent Flows in Climate Dynamics
James	Crutchfield			Physics	Spatiotemporal Computational Mechanics—Developing a Novel Approach to Automatically Modeling Coherent Structures and Predicting Turbulent Flows in Climate Dynamics
James	Crutchfield			Physics	Functional Pattern Formation in Thermodynamical Systems
					Q1 2018: Spatiotemporal Computational Mechanics - Developing a Novel Approach to Automatically Modeling Coherent Structures and Predicting Turbulent Flows in Climate Dynamics
James	Crutchfield			Physics	
Michael	Gregg			Physics	Snapshot Survey of the Globular Cluster Populations of Isolated Early Type Galaxies (GO 15170)
Eric	Prebys			Physics	Radiation-Tolerant Thermal Interface Material with High Thermal Conductivity and Adhesion for HL-LHC Applications
John	Rundle			Physics	Optimal Models for Earthquake Deformation and Probabilities: Utilizing NASA and Other Data to Understand Earth Surface Change
John	Rundle			Physics	Monitoring Global Earthquake Fault Zones from Space via Gravity, Potential, and Sea Level Observations
Spencer	Stanford			Physics	Environmental Signatures on Galaxy Populations in the Most Massive Clusters at z~1.5
Andrew	Wetzel			Physics	Understanding the Physics of Gas Stripping and Star-Formation Quenching of the Satellite Dwarf Galaxies in the Local Group
Siobhan	Brady			Plant Biology	Integrative Analysis of Plasticity in Cell Fate Determination in Plants
Savithamma	Dinesh-Kumar	Ilias	Tagkopoulos	Plant Biology	An Integrated Systems Biology Approach to Elucidate Viral Resistance Signaling Networks in Tomato
Julin	Maloof			Plant Biology	A systems analysis of plant growth promotion by unexplored rhizosphere influences
Venkatesan	Sundaresan			Plant Biology	Microbial composition and structure of soil/plant microbiomes in long-term experiments
Venkatesan	Sundaresan			Plant Biology	Microbial composition and structure of soil/plant microbiomes in long-term experiments as influenced by continuous intensive cultivation, N fertilization
Venkatesan	Sundaresan			Plant Biology	Diurnal and circadian regulation of the plant microbiome subaward
Philipp	Zerbe			Plant Biology	Modular biochemical networks of maize anti-pathogen defense defined by integrating synthetic biochemistry, genetics and physiological function
Philipp	Zerbe			Plant Biology	Improved Biofuel Production through Discovery and Engineering of Terpene Metabolism in Switchgrass
Kendra	Baumgartner			Plant Pathology	Acquisition of Goods and Services [Research supports sustainable viticulture by developing effective and efficient control strategies for fungal disease of grape. ]
Kendra	Baumgartner			Plant Pathology	Acquisition of Goods & Services, RSA #58-2032-7-060 [Research supports sustainable viticulture by developing effective and efficient control strategies for fungal disease of grape. ]
Kendra	Baumgartner			Plant Pathology	Acquisition of Goods & Services - RSA#58-2032-9-019 [Research supports sustainable viticulture by developing effective and efficient control strategies for fungal disease of grape. ]
Kendra	Baumgartner			Plant Pathology	Acquisition of Goods & Services, Research Support Agreement #58-2032-9-047 [Research supports sustainable viticulture by developing effective and efficient control strategies for fungal disease of grape. ]
Richard	Bostock			Plant Pathology	Western Regional Center in the National Plant Diagnostic Network
Richard	Bostock			Plant Pathology	New oomycete pathogens in California pistachio: Predisposition in saline soils and disease management
Richard	Bostock			Plant Pathology	NPDN Data Analysis
Richard	Bostock			Plant Pathology	Oomycete pathogens in California pistachio: predisposition in saline soils and disease management
Richard	Bostock			Plant Pathology	Acquisition of Goods and Services, RSA #58-2032-6-028
Richard	Bostock			Plant Pathology	Integrated management of Fusarium canker in bare root and container-propagated stone fruit seedlings
Richard	Bostock			Plant Pathology	Enhanced Plant Pest and Disease Analysis of the NPDN Repository
Richard	Bostock			Plant Pathology	Selection of susceptible walnut hosts by the walnut twig beetle: New avenues for managing thousand cankers disease - 33854
Richard	Bostock			Plant Pathology	Integrated management of Fusarium canker in bare root and container-propagated stone fruit seedlings
Richard	Bostock			Plant Pathology	Enhancing diagnostics of cyst forming nematodes
Richard	Bostock			Plant Pathology	Integrated management of Fusarium canker in bare root and container-propagated stone fruit trees
Richard	Bostock			Plant Pathology	Evaluating the effectiveness of best management practices to control Phytophthora in restoration and native plant nurseries
Richard	Bostock			Plant Pathology	Detection of asymptomatic root infections by Phytophthora species
Richard	Bostock			Plant Pathology	Enhancing Diagnostics of cyst forming nematodes of the genus Heterodera
Greg	Browne			Plant Pathology	Developing Improved Strategies for Management of Replant Problems
Greg	Browne			Plant Pathology	Acquisition of Goods and Services, RSA #58-2032-6-012
Greg	Browne			Plant Pathology	Almond Orchard Recycling
Greg	Browne			Plant Pathology	Almond Orchard Recycling
Greg	Browne			Plant Pathology	Diagnostics and Non-Fumigant Management Approaches for Prunus Replant Disease
Greg	Browne			Plant Pathology	Acquisition of Goods and Services, RSA #58-2032-7-016
Greg	Browne			Plant Pathology	Diagnostics and Non-Fumigant Management Approaches for Prunus Replant Disease
Greg	Browne			Plant Pathology	Almond Orchard Recycling - 2017/18
Greg	Browne			Plant Pathology	Acquisition of Goods & Services, RSA# 58-2032-7-061
Greg	Browne			Plant Pathology	Acquisition of Goods & Services, RSA# 58-2032-7-064
Greg	Browne			Plant Pathology	Acquisition of Goods & Services RSA #58-2032-8-055
Greg	Browne			Plant Pathology	Non-Fumigant Approaches and Diagnostics for Orchard Replacement and Soilborne Disease Management
Greg	Browne			Plant Pathology	Almond Orchard Recycling - 2018/19
Greg	Browne			Plant Pathology	Research Support Agreement 58-2032-9-022
Clare	Casteel			Plant Pathology	Influence of Potato Leafroll Virus on Myzus Persicae-Potato Interactions
Clare	Casteel			Plant Pathology	Epidemiology and Control of Insect Vected Diseases of Potato
Clare	Casteel			Plant Pathology	Developing new management techniques for vector-borne diseases of tomato
Clare	Casteel			Plant Pathology	Developing new management techniques for vector-borne diseases of tomato
Clare	Casteel			Plant Pathology	Identifying genetic resistance for Liberbacter solanacerum management

Clare	Casteel			Plant Pathology	Exploring mechanisms mediating plant-virus-herbivore interactions in legume crops
Clare	Casteel			Plant Pathology	Integrating Fertility and Pest Management of Potato Pests and Vectors
Clare	Casteel			Plant Pathology	ECA-PGR: Transcriptional Regulation and Gene Networks Underlying Viral Recognition of Insect Vectors in Host Plants
Clare	Casteel			Plant Pathology	Can vector-borne diseases be managed in commercial fields using ethylene inhibitors
Douglas	Cook			Plant Pathology	Deducing the Genomic Footprint and Functional Impact of Chickpea Domestication on Nitrogen Fixation
Douglas	Cook			Plant Pathology	A Reverse-Introgression And Community Genomics Strategy To Enrich And Characterize Legume Germplasm For Climate-Resilience Traits
Douglas	Cook			Plant Pathology	A Reverse-Introgression And Community Genomics Strategy To Enrich And Characterize Legume Germplasm For Climate-Resilience Traits
Douglas	Cook			Plant Pathology	Phenotyping for Climate Resilience in Chickpea's Wild Progenitor Species
Douglas	Cook			Plant Pathology	Legume Scholars Program
Douglas	Cook			Plant Pathology	Application of genomics to innovation in the lentil economy (AGILE)
Douglas	Cook			Plant Pathology	Legume Scholars Program
Douglas	Cook			Plant Pathology	Development of genetic populations for gene discover and crop improvement in chickpea
Joanne	Emerson			Plant Pathology	Etiology of Cherry Stem Pitting Disease in California
Joanne	Emerson			Plant Pathology	Evaluating the link between Cauliflower mosaic virus (CaMV) infection and false-positive GMO detection in organic farms
Lynn	Epstein			Plant Pathology	Fusarium Yellows in Celery: Breeding and Maintaining Resistance, and Integrated Control
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Lynn	Epstein			Plant Pathology	Fusarium yellows in celery: breeding and maintaining resistance, and integrated control
Lynn	Epstein			Plant Pathology	Fusarium yellows in celery: breeding and maintaining resistance, and integrated control
Bryce	Falk			Plant Pathology	Rear and Release Psyllids as Biological Control Agents - An Economical and Feasible Mid-Term Solution for Huanglongbing (HLB) Disease of Citrus
Bryce	Falk			Plant Pathology	Development of an RNAi-Based Biological Insecticide Strategy for Management of the Mealybug Complex in California Grapes
Bryce	Falk	Karen	Jetter	Plant Pathology	Non-transgenic, Near Term RNA Interference-based Application Strategies for Managing Diaphorina Citri and Citrus Greening/Huanglongbing (HLB)
Bryce	Falk			Plant Pathology	Development and Validation of Sensitive, Efficient Assays for Infectious Cucumber Green Mottle Mosaic Virus in Cucurbit Seeds
Bryce	Falk			Plant Pathology	Development and validation of sensitive, efficient assays for infectious Cucumber green mottle mosaic virus in cucurbit seeds
Bryce	Falk			Plant Pathology	Recovery plan for cucumber green mottle mosaic virus (CGMMV)
Bryce	Falk			Plant Pathology	Artificial microRNA-based targeting of the Asian citrus psyllid for HLB management
Bryce	Falk			Plant Pathology	Novel Strategies and Methodologies to Control and Study Candidates Liberibacter Diseases
Bryce	Falk			Plant Pathology	UC Davis Chile Research
Bryce	Falk			Plant Pathology	Enhancing the sensitivity, efficiency and accuracy for detecting Cucumber green mottle mosaic virus in cucurbit seeds
Bryce	Falk	Savithramma	Dinesh-Kumar	Plant Pathology	VIPER: Viruses and Insects as Plant Enhancement Resources
Bryce	Falk			Plant Pathology	RNAi-based Targeting D. Citri Innate Immunity as a Way to Help Manage HLB
Bryce	Falk			Plant Pathology	Epidemiological-based practices for controlling Cucumber green mottle mosaic virus in California
Bryce	Falk			Plant Pathology	Optimizing an in Planta Candidatus
Bryce	Falk			Plant Pathology	Evaluation of Bacteriophage Cocktail for Treatment of Pierce's Disease
Bryce	Falk			Plant Pathology	Cucumber green mottle mosaic virus in weeds in California
Bryce	Falk			Plant Pathology	Validation of Molecular and Serological Assays for Regulatory Diagnostic of Cucumber Green Mottle Mosaic Virus (CGMMV) in Plant Tissue
Robert	Gilbertson			Plant Pathology	Identification of Potential Germinivirus Host Factor Candidates for Tilling Screening
Robert	Gilbertson			Plant Pathology	Application of a Degree-day Model & Risk Index to Predict Development of Thrips & TSWV & Help Implement an IPM Strategy in CA Processing Tomato Fields
Robert	Gilbertson			Plant Pathology	Improved understanding of beet curly top disease and new approaches for disease management
Robert	Gilbertson			Plant Pathology	East Africa Integrated Pest Management Innovation Lab: Research and Technology
Robert	Gilbertson			Plant Pathology	Curly Top Research in Response to the 2013 Outbreak in Tomato in the Central Valley of California: Objectives Relevant to All Crops
Robert	Gilbertson			Plant Pathology	Detection and management of tomato viruses
Robert	Gilbertson			Plant Pathology	Characterization & continued assessment of the potential importance of a new whitefly-transmitted virus infecting cucurbits in the Imperial Valley of CA: Squash vein yellowing virus (SqVYV)
Robert	Gilbertson			Plant Pathology	Monitoring of thrips/Tomato spotted wilt virus (TSWV) in California peppers and the development of a regional IPM strategy for reducing the incidence and severity of TSWV.
Robert	Gilbertson			Plant Pathology	Comparative Genomics to Determine the Mechanism of Curtovirus Transmission by the Beet Leafhopper, Circulifer tenellus
Robert	Gilbertson			Plant Pathology	The Curly Top Research Project Addressing the 2013 Outbreak in Tomato
Robert	Gilbertson			Plant Pathology	Detection, monitoring and biological properties of the resistance-breaking strain of Tomato spotted wilt virus that has emerged in the Central Valley of California
Robert	Gilbertson			Plant Pathology	Survey, Characterization and Biological Properties of a California Isolate of Squash Vein Yellowing Virus (SqVYV)
Robert	Gilbertson			Plant Pathology	Completion of a Flyer Describing the Integrated Pest Management (IPM) Package for Managing Thrips/Tomato Spotted Wilt Virus (TSWV) in California Peppers and Surveying Pepper Fields Planted with Resistant Varieties for the Emergence of Resistance Breaking Strains
Robert	Gilbertson	Diane	Ullman	Plant Pathology	The resistance-breaking strain of Tomato spotted wilt virus in the Central Valley of California: Survey, genetic variability, improved detection and screening for resistance
Robert	Gilbertson			Plant Pathology	A resistance-breaking strain of Tomato spotted wilt virus (TSWV) of pepper in the Central Valley of California: survey, screening for resistance, and genetic variability
Robert	Gilbertson			Plant Pathology	Survey, Characterization and Biological Properties of a California Isolate of Squash Vein Yellowing Virus (SqVYV) and Associated Cucurbit-Infecting Viruses
Robert	Gilbertson			Plant Pathology	The resistance-breaking strain of Tomato spotted wilt virus: Monitoring, improved detection and screening for resistance
Robert	Gilbertson			Plant Pathology	Monitoring an outbreak of B. tabaci whiteflies in melons in 2018 and continued development of vector-independent screening for whitefly-transmitted viruses infecting melons
Robert	Gilbertson			Plant Pathology	Detection and Monitoring of Pepper Resistance-breaking Strains of Tomato Spotted Wilt Virus (TSWV) in the Central Valley of California and Screening Wild Accessions from Mexico for Resistance
David	Gilchrist			Plant Pathology	Field Evaluations Of Grape Plants Expressing Potential DNA Sequences Effective Against Pierce's Disease
David	Gilchrist			Plant Pathology	Transgenic Rootstock-Mediated Protection of Grapevine Scion by Single and Stacked DNA Constructs
David	Gilchrist	Abhaya	Dandekar	Plant Pathology	Transgenic rootstock-mediated protection of grapevine scion by single and stacked DNA constructs
David	Gilchrist			Plant Pathology	Field evaluation of cross-graft protection effective against Pierce's disease by dual and single DNA constructs
David	Gilchrist			Plant Pathology	Protection of grapevine scion
Thomas	Gordon			Plant Pathology	Monitoring development of pitch canker in Monterey and Bishop pines
Thomas	Gordon			Plant Pathology	Pathogen characterization of Two Fusarium Species
Thomas	Gordon			Plant Pathology	Management of Diseases caused by Fusarium oxysporum, Verticillium dahliae and Macrophomina phaseolina
Thomas	Gordon			Plant Pathology	Management of Fusarium wilt through genetic resistance and manipulation of the microbial community in soil
Thomas	Gordon			Plant Pathology	Pathogen characterization of Two Fusarium Species
Thomas	Gordon			Plant Pathology	Management of Diseases caused by Fusarium oxysporum, Verticillium dahliae and Macrophomina phaseolina
Thomas	Gordon			Plant Pathology	Management of Fusarium wilt through disease resistance
Thomas	Gordon			Plant Pathology	Enumeration of Fusarium oxysporum f sp. Fragariae in Soil
Thomas	Gordon			Plant Pathology	Management of diseases caused by Fusarium oxysporum and Verticillium dahlia (2018-19)
Thomas	Gordon			Plant Pathology	Molecular Detection and Quantification of Fusarium oxysporum Vascular Wilt Pathogens
Walter	Gubler			Plant Pathology	Detection Of Fungicide Resistance In Populations Of Venturia Pirina In California Pear Orchards
Amanda	Hodson			Plant Pathology	Rapid detection and damage threshold analysis-decision making tools for nematode management in carrots
Takao	Kasuga			Plant Pathology	Host-dependent epigenetic control of pathogenicity genes in generalist pathogens



Daniel	Kluepfel			Plant Pathology	Acquisition of Goods and Services, RSA #58-2032-7-026 [Research explores individual microbial species and/or microbial communities that are beneficial to plant health and antagonistic to disease causing pathogens in the soil in an effort to develop ecologically sustainable disease control methods employing naturally occurring soil bacteria.]
Daniel	Kluepfel			Plant Pathology	Acquisition of Goods & Services, RSA#58-2032-7-058 [Research explores individual microbial species and/or microbial communities that are beneficial to plant health and antagonistic to disease causing pathogens in the soil in an effort to develop ecologically sustainable disease control methods employing naturally occurring soil bacteria.]
Daniel	Kluepfel			Plant Pathology	Acquisition of Goods & Services, RSA #58-2032-7-059 [Research explores individual microbial species and/or microbial communities that are beneficial to plant health and antagonistic to disease causing pathogens in the soil in an effort to develop ecologically sustainable disease control methods employing naturally occurring soil bacteria.]
Daniel	Kluepfel			Plant Pathology	Acquisition of Goods & Services, Research Support Agreement#58-2032-8-065 [Research explores individual microbial species and/or microbial communities that are beneficial to plant health and antagonistic to disease causing pathogens in the soil in an effort to develop ecologically sustainable disease control methods employing naturally occurring soil bacteria.]
Johan	Leveau			Plant Pathology	Use Of Artificial Leaf Surfaces For Improved Mechanistic Understanding Of Pathogens Survival On Fresh Produce
Johan	Leveau			Plant Pathology	Citrus rhizobiomes and tree productivity in response to soil manipulations
Johan	Leveau			Plant Pathology	A Microbiota-Based Approach to Citrus Tree Health
Johan	Leveau			Plant Pathology	Testing of Early HLB Detection Protocols Using Texas Samples - Fall 2015 Experiment
Johan	Leveau			Plant Pathology	Synergy-based bio-control of plant pathogens
Johan	Leveau			Plant Pathology	Mexican Maize Landrace Microbial Resources
Johan	Leveau			Plant Pathology	Effect of Mixed Infections of Plant Pathogens on Detection of HLB Using Two Early Detection Methods
Johan	Leveau			Plant Pathology	Florida 1 longitudinal (time course) studies of HLB EDT earliness in Florida & California
Johan	Leveau			Plant Pathology	CA-1b - Develop training data for EDT methods on diseased trees and provide blind samples to EDTs for testing
Johan	Leveau			Plant Pathology	Isolation and characterization of the root-parasitic fungus Plectosphaerella cucumerina from processing tomatoes
Johan	Leveau	Florent	Trouillas	Plant Pathology	(Re-)examining the role of Rhodococcus in Pistachio Bushy Top Syndrome
Johan	Leveau			Plant Pathology	Effect of Mixed Infections of Plant Pathogens on Detection of HLB Using Two Early Detection Methods
Johan	Leveau			Plant Pathology	Florida 1 Longitudinal (Time Course) studies of HLB EDT earliness in Florida and California
Paulo	Lichtemberg			Plant Pathology	Alternaria and Colletotrichum diseases in citrus: Phylogeny, epidemiology, and fungicide management
Neil	McRoberts			Plant Pathology	Managing Downy Mildew of Spinach: A Genomics-based Approach to the Host and the Pathogen
Neil	McRoberts			Plant Pathology	Development of High Throughput Serological Assays for Routine Detection of Grapevine Red Blotch Associated Virus, GRBaV
Neil	McRoberts			Plant Pathology	Control of angular leaf spot in strawberry nursery production to protect export trade
Neil	McRoberts			Plant Pathology	Proof of concept template in the validation of six newly developed recovery plans
Neil	McRoberts			Plant Pathology	Minimizing Socio-Political Impacts to Maximize Cost-Effective Control of Emerging Plant Pests
Neil	McRoberts			Plant Pathology	Development of a cocoa pod midge risk index for Malaysia
Neil	McRoberts			Plant Pathology	GC 2016: Grape virus epidemiology interpretation and outreach for winegrape growers
Neil	McRoberts			Plant Pathology	Mapping Pierce's disease and vector populations in the southern San Joaquin Valley and developing a dynamic model to assess management strategies
Neil	McRoberts			Plant Pathology	FY17 Determining optimum ACP sampling protocols in California to assess vector management treatments and improving the risk prediction of HLB from ACP CT value analysis
Douglas	McRoberts			Plant Pathology	FY17 Establishing a baseline reference for early detection technologies for citrus trees in California for non-regulatory sampling (the CA-1 study)
Neil	McRoberts			Plant Pathology	Florida 1 Longitudinal (Time Course) studies of HLB EDT earliness in Florida and California
Neil	McRoberts	Tania	Brenes-Arguedas	Plant Pathology	Modeling activities associated with summarizing the biocontrol program for Asian Citrus Psyllid funded by the Citrus Health Response Program
Themis	Michailides			Plant Pathology	Identifying Sources of resistance to Wood-Canker Diseases in Pistachio Gemplasm
Themis	Michailides			Plant Pathology	Infection Biology of Wood-Canker Pathogens of Grape
Themis	Michailides			Plant Pathology	Comparing Sporulation of Aspergillus Flavus in AF36 wheat sorghum products in fig orchards: Getting AF36 registered in Figs
Themis	Michailides			Plant Pathology	IR-4 Minor Crop Pest Management Program - Biopesticide Research on AF36 for Displacement of Aflatoxin Producing Fungi on Figs
Themis	Michailides			Plant Pathology	Management of Postharvest Diseases of Fresh Fruits
Themis	Michailides			Plant Pathology	Management of Postharvest Diseases of Fresh Fruits
Themis	Michailides			Plant Pathology	Managing resistance of Alternaria species to succinate dehydrogenase inhibitor fungicide and the characterization of additional mutation(s) conferring resistance to fluopyram in pistachio orchards of California
Themis	Michailides			Plant Pathology	Management of Alternaria Late Blight of Pistachio Under the Prospect of El Nino Conditions
Themis	Michailides			Plant Pathology	Diagnosis, Epidemiology and Management of Canker Diseases in Dried Plums
Themis	Michailides			Plant Pathology	Epidemiology and management of Botryosphaeria and Phomopsis cankers and blights and anthracnose blight of walnut in California
Themis	Michailides			Plant Pathology	Comparing Sporulation of Aspergillus Flavus in AF36 wheat sorghum products in fig orchards: Getting AF36 registered in Figs
Themis	Michailides			Plant Pathology	Biocontrol of aflatoxin contamination and selection of atoxigenic strains in California almond orchards
Themis	Michailides			Plant Pathology	Complete the studies for the registration of biocontrol agent (Aspergillus flavus strain AF36) to reduce aflatoxin contamination in almonds
Themis	Michailides			Plant Pathology	Biology, Epidemiology, and Management of Anthracnose Blight of Pistachio in California and Phoma Blight of Pistachio in Arizona
Themis	Michailides			Plant Pathology	Managing Resistance to fungicides of Alternaria, genotype dynamics of the pathogen, and control of Alternaria late blight disease in pistachios
Themis	Michailides			Plant Pathology	Factors Affecting the Efficacy of AF36, Improvement of the Biocontrol Agent, and Monitoring Commercial Applications
Themis	Michailides			Plant Pathology	Early Detection of Pistachio Botryosphaeria Panicle Blight Disease Using High-throughput Plant Phenotyping
Themis	Michailides			Plant Pathology	Diagnosis, Epidemiology and Management of Canker Diseases in Dried Plums
Themis	Michailides			Plant Pathology	Efficacy of AF36 Preval after Commercial application, Search for the best timing of application, and susceptibility of almond cultivars to aflatoxigenic Aspergillus species
Themis	Michailides			Plant Pathology	Detection of Band Canker Pathogens in Young Almond Trees before Planting or 1-3 Years after planting in the field and before any disease symptom development
Themis	Michailides			Plant Pathology	Factors Affecting the Efficacy of AF36, Improvement of the biocontrol Agent, and Monitoring Commercial Applications
Themis	Michailides			Plant Pathology	Biology, Epidemiology, and Management of Anthracnose Blight and Stigmatomycosis of Pistachio in California and Phoma Blight in Arizona (second year)
Themis	Michailides			Plant Pathology	Epidemiology and Management of Cytospora and Other Canker Diseases in Dried Plum
Themis	Michailides			Plant Pathology	Detection of Band Canker Pathogens in Young Almond Trees in Nurseries and Orchards and Disease Management
Themis	Michailides			Plant Pathology	Efficacy of AF36 Preval for Controlling Aflatoxin Contamination, Search for the Best Timing of Application and Sporulation, and susceptibility of Almond Cultivars to Aflatoxigenic Aspergillus Species
Themis	Michailides			Plant Pathology	Investigation of Aspergillus niger Causing Hull Rot, and Conditions Conducive to Disease Development in Kern County
Themis	Michailides			Plant Pathology	Efficacy of AF36 prevail in commercial almond orchards in various regions
Themis	Michailides			Plant Pathology	Time-sensitive methodology to reduce the risks of Alternaria late blight resistance build-up in pistachio producing states of California and Arizona
Themis	Michailides			Plant Pathology	Phenology Of Avocado Infection By Botryosphaeria Branch Canker And
Themis	Michailides			Plant Pathology	Epidemiology and management of Colletotrichum species causing anthracnose, Botryosphaeria species and Phoma fungicola causing blight diseases on pistachio in California and Arizona (3rd year).
Themis	Michailides			Plant Pathology	Factors Affecting the Efficacy of AF36, Improvement of the biocontrol Agent, and Establishing an Area-wide Long-term Mycotoxin Management Program
Themis	Michailides			Plant Pathology	A survey of fungi producing Ochratoxin A in California pistachios and management of contamination
Themis	Michailides			Plant Pathology	Understanding the Epidemic Mechanisms and Management of Cytospora and Other Canker Diseases of Dried Plum
Elina	Nino			Plant Pathology	Understanding changes in queen reproductive quality in response to seminal contributions of drones exposed to Varroa mite
Ramachandra	Penmetsa			Plant Pathology	Genotyping-by-Sequencing of purpose-built segregating populations of wild chickpea to facilitate wild to crop introgressions of novel alleles

Daniel	Putnam	Larry	Godfrey	Plant Pathology	Improved Management of Alfalfa Weevil in California Alfalfa to Facilitate Water Quality Protection and Sustainability
David	Rizzo			Plant Pathology	Collaborative Research: Interacting Disturbances: Leaf to Landscape Dynamics of Emerging Disease, Fire, And Drought in Coastal Forests of California
David	Rizzo			Plant Pathology	Managing Sudden Oak Death via Silviculture on the Six Rivers National Forest
David	Rizzo			Plant Pathology	Integration of American Indian Tribal and Rural Community Values into Landscape Fire Research and Management: Culture Use Quality and Food Security in the Western Klamath Mountains
David	Rizzo			Plant Pathology	Phytophthora wildland monitoring and diagnostics for California
David	Rizzo			Plant Pathology	Investigation on Evolution of Virulence in the Sudden Oak Death Pathogen, Phytophthora Ramorum
David	Rizzo			Plant Pathology	Investigating incidence and type of wood decay fungi in stone fruit
David	Rizzo			Plant Pathology	Sudden Oak Death Monitoring and Diagnostics in California 2015-2016
David	Rizzo			Plant Pathology	Forest Pests: Improving Knowledge and Management
David	Rizzo			Plant Pathology	Sudden Oak Death Resistance Assessment: Collaborative Research and Management with the Yurok Indian Tribe and Hoopa Indian Tribe
David	Rizzo			Plant Pathology	Investigating incidence and type of wood decay fungi in almond
David	Rizzo			Plant Pathology	Restoring Mt. Tamalpais: Promoting water yield and carbon capture in forests devastated by Sudden Oak Death - Phase 1
David	Rizzo			Plant Pathology	Improving carbon capture in California forests attacked by insects and pathogens
David	Rizzo			Plant Pathology	Investigating incidence and type of wood decay fungi in stone fruit
David	Rizzo			Plant Pathology	Developing the Tangible Landscapes GIS tools to better inform management decisions: Sudden Oak Death Collaborative Management Planning for the Oregon - California border
David	Rizzo			Plant Pathology	Investigating incidence and type of wood-decay fungi in almond associated with windfalls
David	Rizzo			Plant Pathology	Investigating incidence and type of wood decay fungi in stone fruit
David	Rizzo			Plant Pathology	Phytophthora ramorum in San Luis Obispo County and the central California Coast
David	Rizzo			Plant Pathology	Ecosystem response to the repeated interaction of disease and fire
David	Rizzo			Plant Pathology	Phytophthora species in Bay Area Restoration Areas
David	Rizzo			Plant Pathology	Wood-decay fungi in Prune and Control of Phellinus tuberculosus
David	Rizzo			Plant Pathology	Phytophthora monitoring plan for restoration sites to protect vegetation on the Angeles National Forest
David	Rizzo			Plant Pathology	Control and management of the destructive wood decay pathogen, Ganoderma adspersum
David	Rizzo			Plant Pathology	Science Delivery to Sustain California Forest Health
David	Rizzo			Plant Pathology	Control and management of the destructive wood decay pathogen, Ganoderma adspersum.
David	Rizzo			Plant Pathology	Collections from Sugar, Whitebark, Limber, and Foxtail Pine Threatened by Climate Driven Outbreaks of Mountain Pine Beetle, White Pine Blister Rust, and Catastrophic Wildfire in California
David	Rizzo			Plant Pathology	Wood-decay fungi in Prune and Control of Phellinus tuberculosus
Pamela	Ronald			Plant Pathology	Generation of Switchgrass Plants with Optimized Biomass Composition for Biofuel Production
Pamela	Ronald			Plant Pathology	The role of microRNAs and micropeptides in the plant immune response
Pamela	Ronald			Plant Pathology	An open source plant chemogenomics set to identify genes controlling drought tolerance in rice
Adib	Rowhani			Plant Pathology	GC 2015: Grapevine Leafroll Disease
Ioannis	Stergiopoulos			Plant Pathology	Genomics Study of Tomato Powdery Mildews
Ioannis	Stergiopoulos			Plant Pathology	Monitoring of Azole and Strobilurin Fungicide Resistance in Tomato Powdery Mildew
Ioannis	Stergiopoulos			Plant Pathology	Monitoring of the species dynamics causing tomato powdery mildew in California and of their resistance to strobilurin fungicides
Ioannis	Stergiopoulos			Plant Pathology	Prevalence and functional significance of regulated alternative splicing in plant pathogenic fungi
Ioannis	Stergiopoulos			Plant Pathology	Assessing Fungicide Resistance of Grape Powdery Mildew in Wine, Table and Raisin Grapes (2017-18)
Ioannis	Stergiopoulos			Plant Pathology	FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table and Raisin Grapes
Ioannis	Stergiopoulos			Plant Pathology	GC-2018: Assessing Fungicide Resistance of Grape Powdery Mildew in Wine, Table and Raisin Grapes
Ioannis	Stergiopoulos			Plant Pathology	Assessing Fungicide Resistance of Grape Powdery Mildew in Wine, Table and Raisin Grapes
Krishnamurthy	Subbarao			Plant Pathology	Screening of Lettuce Germplasm for Resistance to Wilt Caused by Verticillium
Krishnamurthy	Subbarao			Plant Pathology	Biology And Epidemiology Of Verticillium Wilt Lettuce And Spinach
Krishnamurthy	Subbarao			Plant Pathology	Systems approaches to replace methyl bromide in strawberry production: strategies for soilborne disease management
Krishnamurthy	Subbarao			Plant Pathology	Disease Forecasting of Spinach and Lettuce Downy Mildew to Foster Best Management Practices
Krishnamurthy	Subbarao			Plant Pathology	Integrated Approaches to Replace Methyl Bromide in Strawberry Production: Strategies for Soilborne Disease Management
Krishnamurthy	Subbarao			Plant Pathology	New lettuce cultivars with resistance to lettuce drop 29454
Krishnamurthy	Subbarao			Plant Pathology	Development of Molecular Markers for Selection of Lettuce Genotypes with Resistance to Verticillium Race 1
Krishnamurthy	Subbarao			Plant Pathology	Isolate maintenance and support to the resistance breeding program on lettuce drop caused by Sclerotinia minor
Krishnamurthy	Subbarao	Neil	McRoberts	Plant Pathology	Disease risk assessment, early detection, and disease control applications for downy mildew of lettuce and spinach
Krishnamurthy	Subbarao			Plant Pathology	Detection and Disease Forecasting for Downy Mildew Pathogens
Krishnamurthy	Subbarao			Plant Pathology	Isolate Maintenance and Support to the Resistance Breeding Program on Lettuce Drop Caused by Sclerotinia Minor
Krishnamurthy	Subbarao			Plant Pathology	Risk assessment, early detection, and control downy mildew of lettuce and spinach
Krishnamurthy	Subbarao			Plant Pathology	New Lettuce Cultivars with Resistance to Lettuce Drop
Krishnamurthy	Subbarao			Plant Pathology	Isolate Maintenance and Inoculum Production in Support of the Sclerotinia Resistance Breeding Program in Lettuce
Krishnamurthy	Subbarao			Plant Pathology	Risk assessment, early detection, and control of downy mildew of lettuce and spinach
Krishnamurthy	Subbarao			Plant Pathology	Improved management of strawberry and lettuce soilborne plant pathogens using microbiome-based disease prediction
Krishnamurthy	Subbarao			Plant Pathology	CHARACTERIZE RESISTANCE TO LETTUCE DROP AND SUPPORT THE SCLEROTINIA RESISTANCE BREEDING PROGRAM IN LETTUCE
Krishnamurthy	Subbarao			Plant Pathology	Early detection, epidemiology, and control of spinach downy mildew.
Krishnamurthy	Subbarao			Plant Pathology	Effects of irrigation practices on Fusarium wilt of tomato (Fusarium oxysporum f. sp. lycopersici) in California
Cassandra	Swett			Plant Pathology	Tracking down Typhoid Mary: Rotation crop as hidden hosts of Fusarium oxysporum f. sp. lycopersici race 3, the cause of Fusarium wilt in tomato
Cassandra	Swett			Plant Pathology	Control of southern blight in potatoes
Cassandra	Swett			Plant Pathology	The doppelganger dilemma: Improving resources for rapidly differentiating diverse tomato crown rot and wilt diseases
Cassandra	Swett			Plant Pathology	Tracking down Typhoid Mary: Rotation crop as hidden hosts of Fusarium oxysporum f. sp. lycopersici race 3, the cause of Fusarium wilt in tomato
Cassandra	Swett			Plant Pathology	Putting the right varieties in the right places: Rapid Fusarium wilt diagnosis, soil detection and environmental risk assessment strategies to inform variety selection and reduce disease risk
Cassandra	Swett			Plant Pathology	Effect of deficit irrigation on Fusarium wilt and other root infecting pathogens in California tomato crops
Cassandra	Swett			Plant Pathology	Reducing current and future fumigant use in processing tomato by facilitating use of resistant cultivars to manage diseases
Cassandra	Swett			Plant Pathology	Control of southern blight in potatoes
Cassandra	Swett			Plant Pathology	Understanding and Managing the Disease Cycle and Environmental Drivers of Southern Blight Tuber Rot in Potato
Cassandra	Swett			Plant Pathology	Putting the right varieties in the right places: Rapid Fusarium wilt diagnosis and soil detection
Cassandra	Swett			Plant Pathology	Developing effective crop rotation strategies for Fusarium wilt management
Cassandra	Swett			Plant Pathology	Control strategies Fusarium crown and root rot diseases of tomato and continued tomato disease diagnostics support
Cassandra	Swett			Plant Pathology	Characterizing and Assessing Risk of Emerging Fungal and Bacterial Pathogens of Melons (and other Cucurbit Crops) Across the Nursery-Field Production Continuum
Renaud	Travadon			Plant Pathology	NEW DETECTION RESEARCH AND EXTENSION TOOLS FOR MANAGING WOOD CANKER DISEASES OF FRUIT AND NUT CROPS
Renaud	Travadon			Plant Pathology	Understanding and managing Esca trunk disease in multiple grape production systems
Florent	Trouillas			Plant Pathology	Lower limb dieback and trunk and scaffold canker diseases in California
Florent	Trouillas			Plant Pathology	Investigating new and emerging diseases of pistachio in California
Florent	Trouillas			Plant Pathology	Taxonomy, population structure and genetic diversity of Rhodococcus isolates from California pistachio
Florent	Trouillas			Plant Pathology	Trunk and scaffold canker diseases of almond in California
Florent	Trouillas			Plant Pathology	Investigating new and emerging diseases of pistachio in California
Florent	Trouillas			Plant Pathology	Biology and control of Neofabraea leaf spot, branch canker and twig dieback of oil olives in California
Florent	Trouillas			Plant Pathology	Investigating the cause of sudden decline of sweet cherry in California

Florent	Trouillas			Plant Pathology	Management of trunk and scaffold canker diseases of almond in California
Florent	Trouillas			Plant Pathology	Rhodococcus genome sequence analyses and symptom development in PG1 and PG2 rootstocks
Florent	Trouillas			Plant Pathology	Evaluating pistachio rootstock tolerance to soil borne diseases
Florent	Trouillas			Plant Pathology	Management of trunk and scaffold canker diseases of almond in California
Florent	Trouillas			Plant Pathology	New detection tools and sustainable control of almond canker diseases
Florent	Trouillas			Plant Pathology	Evaluating pistachio rootstock tolerance to soilborne diseases
Florent	Trouillas			Plant Pathology	Biology and control of Neofabraea leaf spot, branch canker and twig dieback of oil olives in California - Year 3
Florent	Trouillas			Plant Pathology	Improved Management of Fungal Canker Diseases of Sweet Cherry
Florent	Trouillas			Plant Pathology	Biology and control of Neofabraea leaf spot, branch canker and twig dieback of oil olives in California - Year 2
Florent	Trouillas			Plant Pathology	Improved Management of Fungal Canker Diseases of Sweet Cherry
Florent	Trouillas			Plant Pathology	Etiology of Sudden Decline of Sweet Cherry in California
Neal	Williams			Plant Pathology	Assessing Pest liability and natural enemy benefits of pollinatory plantings in Specialty Crops - 33824
Husein	Ajwa			Plant Sciences	Field-Permeability of Fumigant Vapor-Retentive Tarps: Implication for Buffer Zones, VOC Regulations, and Township Caps
Husein	Ajwa			Plant Sciences	Field Flux Study to Determine Relative Fumigant Emission Retention of TIF Tarps of Nylon Construction for Comparison with Previous Field Volatility Data Available for EVOH TIF Tarp
Kassim	Al-Khatib			Plant Sciences	Weed Control in Rice
Kassim	Al-Khatib			Plant Sciences	Weed Control in Rice
Kassim	Al-Khatib			Plant Sciences	Weedy Red Rice Control in Rice
Kassim	Al-Khatib			Plant Sciences	Weed Control in Rice
Kassim	Al-Khatib			Plant Sciences	Weedy Rice Control in Rice
Kassim	Al-Khatib			Plant Sciences	Aquatic Weeds Associated with Agricultural Water Supply
Kassim	Al-Khatib			Plant Sciences	Weed Control in Rice
Kassim	Al-Khatib			Plant Sciences	Weed Control in Rice
Brian	Bailey			Plant Sciences	A fast-response wildland fire modeling framework for prediction and risk assessment
Brian	Bailey			Plant Sciences	Assessment of almond water status using inexpensive thermographic imagery
Brian	Bailey			Plant Sciences	Data Sharing for Regional Grower Groups
Brian	Bailey			Plant Sciences	Three-dimensional modeling of water use and photosynthesis in almond orchards
Brian	Bailey			Plant Sciences	Assessment of Almond Water Status Using Inexpensive Thermographic Imagery
Brian	Bailey			Plant Sciences	Simulating Pathogen Path Spread
Diane	Beckles			Plant Sciences	Evaluating The Historical And Traditional Us Of Chinese Yam As Herbal Medicine And Functional Food Using Modern Analytical Technical.
Alan	Bennett			Plant Sciences	Development of new Biostimulants to Improve Potato Crop Growth and Health
Alan	Bennett			Plant Sciences	Nitrogen fixation associated with an indigenous landrace of maize
Alan	Bennett			Plant Sciences	Development of new Biostimulants to Improve Potato Crop Growth and Health
Alison	Berry			Plant Sciences	Trees Fit for the Future
Alison	Berry			Plant Sciences	New Trees for a New Climate
Alison	Berry			Plant Sciences	Assessment of Potential Impacts of Woody Vegetation on the Drain Systems at the Oroville Dam Flood Control Outlet Spillway
Alison	Berry			Plant Sciences	Climate-Ready Trees for California Cities
Alison	Berry			Plant Sciences	Trees Fit for the Future
Barbara	Blanco-Ulate	Louise	Ferguson	Plant Sciences	Determining Pistachio Hull Susceptibility to Navel Orangeworm as a Function of Degree-day Accumulation
Arnold	Bloom			Plant Sciences	Elevated Carbon Dioxide, Nitrogen Metabolism, and Photorespiration
Eduardo	Blumwald			Plant Sciences	Feed the Future Innovation Lab for Climate Resilient Millet
Eduardo	Blumwald			Plant Sciences	Creating peanut varieties with enhanced tolerance to environmental stresses
Eduardo	Blumwald			Plant Sciences	The plasticity of plant water management behavior/Characterization of the yield related physiological traits plasticity and hierarchy of Setaria viridis genotypes in response to drought stress
Eduardo	Blumwald			Plant Sciences	SyPro Poplar: Improving Poplar Biomass Production under Abiotic Stress Conditions: an Integrated Omics, Bioinformatics, Synthetic Biology and Genetic Engineering Approach
Patrick	Brown			Plant Sciences	Dairy Waste Water Use as Fertilizer
Patrick	Brown			Plant Sciences	Effects of timing different organic matter amendments on tree growth, nutrient availability and food safety
Patrick	Brown			Plant Sciences	The Physiology and Management of Salinity Stress and Nitrate Leaching in Almond: Influence of Rootstock, Scion and Supplemental Nutrition on Tree Growth, Ion Toxicity and Water Relations and the Development of Irrigation Strategies to Mitigate Soil Salinization While Minimizing Nitrate Loss
Patrick	Brown			Plant Sciences	Food safe integrated nutrient management of organic matter amendments in almonds 29019
Patrick	Brown			Plant Sciences	Improving salinity and nitrate management strategies for almond grown under micro-irrigation 29188
Patrick	Brown			Plant Sciences	Prediction of summer leaf nitrogen concentration from early season samples to better manage nitrogen inputs at the right time in walnuts, prunes, and pears
Patrick	Brown			Plant Sciences	Development of nutrient management tools for prunes
Patrick	Brown			Plant Sciences	Effects of timing food safe sources of organic matter amendments on nutrient cycling and water use
Patrick	Brown			Plant Sciences	The physiology and management of salinity stress and nitrate leaching in almond
Patrick	Brown			Plant Sciences	Demonstration of a combined new leaf sampling technique for nitrogen analysis and nitrogen applications approach in almonds
Patrick	Brown			Plant Sciences	Develop nutrient budget and early spring nutrient prediction model for nutrient management in Citrus
Patrick	Brown			Plant Sciences	Online decision support tools for irrigation and nitrogen management of Central Valley crops
Patrick	Brown			Plant Sciences	Effects of timing food safe sources of organic matter amendments on nutrient cycling and water use
Patrick	Brown			Plant Sciences	The Physiology and Management of Salinity Stress and Nitrate Leaching in Almond: Influence of Rootstock, Scion and Supplemental Nutrition on Tree Growth, Ion Toxicity and Water Relations and the Development of Irrigation Strategies to Mitigate Soil Salini
Patrick james	Brown			Plant Sciences	Identification of Drought Resistant Genotypes and Underlying Mechanisms for Woody Perennial Germplasm
Patrick	Brown			Plant Sciences	Understanding Decision-Making of Citrus and Raisin Grape Growers and Adoption of Nitrogen Management Practices
Patrick james	Brown	Charles	Leslie	Plant Sciences	Pistachio Improvement Program
Patrick james	Brown	Charles	Leslie	Plant Sciences	Walnut Improvement Program
Patrick	Brown			Plant Sciences	Monitoring the physiological status of pistachio trees by gene activity measurements to optimize the timing and improve our understanding of rest-breaking treatments.
Patrick james	Brown			Plant Sciences	Development of an Armillaria resistance screen for clonal walnut rootstocks
Patrick	Brown			Plant Sciences	Boron Management and Remediation in Almond
Patrick	Brown			Plant Sciences	Effects of Timing Food Safe Sources of Organic Matter Amendments on Nutrient Cycling and Water Use
Patrick	Brown			Plant Sciences	The Physiology and Management of Salinity Stress and Nitrate Leaching in Almond: Influence of Rootstock, Scion and Supplemental Nutrition on Tree Growth, Ion Toxicity and Water Relations and the Development of Irrigation Strategies to Mitigate Soil Salini
Patrick	Brown			Plant Sciences	Quantitative and qualitative impacts windfall on almond yield and quality
Patrick james	Brown			Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of Armillaria resistance in pear
Patrick james	Brown	Jan	Dvorak	Plant Sciences	Putting phenotypic and genotypic tools to work for improving walnut rootstocks
Patrick james	Brown			Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of Armillaria resistance in pear
Patrick james	Brown			Plant Sciences	High throughput screening for salt excluding walnut and pistachio rootstocks
Patrick james	Brown			Plant Sciences	Finding sources of resistance to Armillaria mellea within the Pyrus germplasm collection
Patrick	Brown			Plant Sciences	Improving nitrate and salinity management strategies for almond grown under micro-irrigation
Patrick	Brown	Mark	Lubell	Plant Sciences	Understanding Influences on Grower Decision-Making and Adoption of Nitrogen Management Practices in the South San Joaquin Valley
Patrick james	Brown			Plant Sciences	PISTACHIO IMPROVEMENT PROGRAM
Patrick james	Brown	Charles	Leslie	Plant Sciences	WALNUT IMPROVEMENT PROGRAM
Patrick james	Brown			Plant Sciences	Putting Phenotypic and Genotypic Tools to Work for Improving Walnut Rootstocks
Edward	Brummer	Daniel	Putnam	Plant Sciences	Yield Improvement and Fall Dormancy Characterization in Alfalfa
Edward	Brummer			Plant Sciences	Training new plant breeding leaders for a changing world
Edward	Brummer			Plant Sciences	Improving alfalfa yield by modulating autumn dormancy
Edward	Brummer	Daniel	Putnam	Plant Sciences	Developing regionally-adapted, resilient alfalfa germplasm pools
Edward	Brummer			Plant Sciences	Resilience of Alfalfa Cultivars to Variable Environments
Edward	Brummer			Plant Sciences	Hemp Breeding for Medicinal Products
Edward	Brummer			Plant Sciences	The use of crop wild relatives to develop drought tolerant alfalfa and its extension to subsistence farmers in Kazakhstan, China and Chile
Thomas	Buckley			Plant Sciences	Data-driven physiological modeling of canopy photosynthesis for precision irrigation management

Mary	Cadenasso			Plant Sciences	Baltimore Ecosystem Study, LTER Baltimore Ecosystem Study, Long-Term Ecological Research: Phase III – Adaptive Processes in the Baltimore Socio-Ecological System: From the Sanitary to the Sustainable City
Mary	Cadenasso			Plant Sciences	Assessing the exposure of public transit ridership to an ozone precursor across an urban forest canopy gradient
Mary	Cadenasso			Plant Sciences	BES LTER IV: Dynamic heterogeneity: Investigating outcomes and drivers of ecological change in urban ecosystems
Mary	Cadenasso			Plant Sciences	Environment, health, and poverty: Is green infrastructure a universal good?
Mary	Cadenasso			Plant Sciences	Using signatures to synthesize urban land cover change in Baltimore
Carlos	Crisosto			Plant Sciences	Establishing an Online Pistachio Education Program to Train Pistachio Growers and Handlers
Carlos	Crisosto			Plant Sciences	Improving the Online Pistachio Education Program to Train Pistachio Growers and Handlers
Carlos	Crisosto			Plant Sciences	Improving the Online Pistachio Educational Program to Train Pistachio New Growers and Handlers
Abhaya	Dandekar			Plant Sciences	IR-4 Minor Crop Pest Management Program - Biopesticide Research on RNAi-mediated Crown Gall Resistance in Walnuts on Surrounding Weed Populations
Abhaya	Dandekar			Plant Sciences	Disease and pest resistant transgenic rootstocks: Analysis, validation, deregulation and stacking of RNAi-mediated resistance traits
Abhaya	Dandekar			Plant Sciences	Identifying the genetic determinant(s) of pellicle coloration in walnut
Abhaya	Dandekar			Plant Sciences	Development of versatile Phytophthora-resistant almond and walnut rootstocks using host-induced gene silencing
Abhaya	Dandekar			Plant Sciences	Identifying the genetic determinant(s) of pellicle coloration in walnut
Abhaya	Dandekar			Plant Sciences	Developing a sustainable management strategy to control walnut blight
Abhaya	Dandekar			Plant Sciences	Developing a sustainable management strategy to control walnut blight
Abhaya	Dandekar			Plant Sciences	Developing a sustainable management strategy to control walnut blight
Theodore	Dejong			Plant Sciences	Development of an Operational Dynamic Crop Model for a Better Understanding of Water Management of Almond Orchards in California
Theodore	Dejong			Plant Sciences	Effectiveness of Zero Tension Lysimeters for Measuring the Persistence and Mobility of Pesticides
Isabel	del Blanco			Plant Sciences	California-Adapted Barleys for Resistance to Stem Rust (UG99) - An Integrated Effort
Joseph	Ditomaso			Plant Sciences	Areawide Management of Invasive Weeds in the Sacramento/ San Joaquin River Delta to Assist the California Division of Boating and Waterways
Georgia	Drakakaki			Plant Sciences	Cellular, Subcellular and Molecular Characterization of Salinity Tolerance in Pistachio with Novel Tools
Georgia	Drakakaki			Plant Sciences	Subcellular and Molecular Characterization of Salinity Tolerance in Almonds with Novel Tools
Georgia	Drakakaki			Plant Sciences	Cellular, subcellular and molecular characterization of salinity tolerance in pistachio with novel tools
Georgia	Drakakaki			Plant Sciences	Subcellular and molecular characterization of salinity tolerance in almonds with novel tools
Georgia	Drakakaki			Plant Sciences	Cellular, subcellular and molecular characterization of salinity tolerance in pistachio with novel tools
Georgia	Drakakaki			Plant Sciences	Subcellular and molecular characterization of salinity tolerance in almonds with novel tools
Georgia	Drakakaki			Plant Sciences	Characterization of root plasticity in pistachio rootstocks for improved nutrient uptake and stress response
Georgia	Drakakaki			Plant Sciences	Characterization of root anatomy and plasticity in almond rootstocks for improved nutrient uptake and stress response
Georgia	Drakakaki			Plant Sciences	Characterization of root plasticity in pistachio rootstocks for the better nutrient uptake and stress response
Jorge	Dubcovsky			Plant Sciences	Improving Barley and Wheat Germplasm for Changing Environments
Jorge	Dubcovsky			Plant Sciences	Map-based cloning of the novel stripe rust resistance gene YrG303 and its use to engineer 1B chromosome with multiple beneficial traits
Jorge	Dubcovsky			Plant Sciences	Screening Barley Germplasm to Discover Genes Conferring Durable Resistance to Barley Stripe Rust
Jorge	Dubcovsky			Plant Sciences	Positional cloning of a rye QTL responsible for water stress resistance in wheat based on radiation mapping and comparative genomics
Jorge	Dubcovsky			Plant Sciences	Development of wheat varieties for California 2019-2020
Jan	Dvorak			Plant Sciences	BREAD: Development of novel salt-tolerant forage and cereal crops
Jan	Dvorak			Plant Sciences	Development of Disease-Resistant Walnut Rootstocks: Integration of Conventional and Genomic Approaches
Jan	Dvorak			Plant Sciences	Introgression of stripe rust resistance genes from AEGILOPS SPELTODIES into wheat with a novel introgression methodology
Jan	Dvorak			Plant Sciences	FHB Resistance Candidate Genes from Wheatgrass
Jan	Dvorak			Plant Sciences	Use of Chandler genepool for discovery of genes for economically important traits in the California walnut breeding program
Valerie	Eviner			Plant Sciences	The Interaction of Rangeland Management and Environmental Conditions in Regulating Forage Quality & Quantity and other Ecosystem Services
Valerie	Eviner			Plant Sciences	Comparing the Efficacy of Organic and Conventional Herbicides for the Control of Invasive Plant Species in Different Applications in Wildland Settings
Valerie	Eviner			Plant Sciences	The influence of soil conditions on the effectiveness of restoration practices in wetlands and riparian areas
Steven	Fennimore			Plant Sciences	Integrated Fumigant and Nonfumigant Soil Disinfestation Systems for Flower and Strawberry
Steven	Fennimore			Plant Sciences	Development of a Mobile Steam Applicator to Replace Fumigants for Strawberry
Steven	Fennimore			Plant Sciences	Evaluation of an intelligent intra-row cultivator for weed management in vegetable crops
Steven	Fennimore			Plant Sciences	Integrating Plant Horticulture and Soilborne Disease Control by Methyl Bromide Alternatives for Strawberries
Steven	Fennimore	Rachael	Goodhue	Plant Sciences	Production Of Strawberry In Soils Disinfested With Enhanced Steam And Allyl Isothiocyanate
Steven	Fennimore			Plant Sciences	Development of Alternative Fumigation Treatments for Pest Control
Steven	Fennimore			Plant Sciences	Development of Alternative Fumigation Treatments for Pest Control
Steven	Fennimore			Plant Sciences	Weed Management in Strawberry
Steven	Fennimore			Plant Sciences	Weed Management Systems for Leafy Greens
Steven	Fennimore			Plant Sciences	Evaluating new weed management systems for fresh market spinach
Steven	Fennimore			Plant Sciences	Weed management in strawberry
Steven	Fennimore			Plant Sciences	Control of soil pests with band steam for leafy greens
Steven	Fennimore			Plant Sciences	Weed management systems for leafy greens
Steven	Fennimore			Plant Sciences	Development of site-specific management of soil pests using molecular quantification, remote sensing, and field scouting
Steven	Fennimore			Plant Sciences	Advancements Towards Precision Fumigation in Strawberry Production
Steven	Fennimore	Rachael	Goodhue	Plant Sciences	Integration of allyl-isothiocyanate, steam and exothermic compounds for soil disinfection in strawberry nurseries
Steven	Fennimore			Plant Sciences	Use of Precision-Applied Steam to Control Soilborne Pathogens and Weeds in Lettuce
Steven	Fennimore			Plant Sciences	Effects of proposed regulations by CDFA on weed management programs in vegetables
Steven	Fennimore			Plant Sciences	Weed management in strawberry
Steven	Fennimore			Plant Sciences	Weed management systems for leafy greens
Steven	Fennimore			Plant Sciences	Weed management in Strawberry
Steven	Fennimore			Plant Sciences	WEED MANAGEMENT SYSTEMS FOR LEAFY GREENS
Louise	Ferguson			Plant Sciences	Increasing Root Zone Ca <sup>2+</sup> concentration Will Decrease Uptake and Transport of Na <sup>+</sup> and Enhance Plant Growth of Pistacia Species Grown in Saline Soils
Louise	Ferguson			Plant Sciences	Propagating Dwarfing Olive Rootstocks and Establishing a Long Term Orchard
Louise	Ferguson			Plant Sciences	Propagating Dwarfing Olive Rootstocks and Establishing a Long Term Orchard
Louise	Ferguson			Plant Sciences	Understanding Winter Chill Accumulation & Conditioning Development of a Temperature Based Phenology Model for Pistachios
Louise	Ferguson			Plant Sciences	Propagating dwarfing olive rootstocks and establishing a long term orchard
Louise	Ferguson			Plant Sciences	Dust Influences Pollen Density and Pollination Quality in Pistachio
Louise	Ferguson			Plant Sciences	Understanding Winter Chill Accumulation & Continuing Development of a Temperature Based Phenology Model for Pistachios
Louise	Ferguson			Plant Sciences	Investigating anti-oxidant amendments to decrease the leaf abscission with ethephon applications
Albert	Fischer			Plant Sciences	Weed control in rice
Lynn	Gallagher			Plant Sciences	Pyramiding genes for disease resistance in spring malting barley
Lynn	Gallagher			Plant Sciences	ICARDA/UCD Initiative on Breeding Partnership to Develop Elite Barley Germplasm Highly Adapted to Drought and Beneficial to CRP Dryland Crops Small Farmers in Africa and Asia
Lynn	Gallagher			Plant Sciences	Pyramiding Genes for Disease Resistance in Spring Malting Barley
Lynn	Gallagher			Plant Sciences	California-Adapted Barleys for Resistance to Stem Rust (UG99)
Lynn	Gallagher			Plant Sciences	Pyramiding Genes for Disease Resistance in Spring Malting Barley
Amelie	Gaudin			Plant Sciences	Potential of mycorrhizal inoculation to mitigate water stress in almond
Amelie	Gaudin			Plant Sciences	Reducing insect virus vectors of Beet Curly Top Virus in processing tomatoes through soil health management
Amelie	Gaudin			Plant Sciences	Almond Orchard Recycling
Amelie	Gaudin			Plant Sciences	Developing integrated irrigation management strategies to improve water and nutrient use efficiency of organic processing tomato in California

Amelie	Gaudin			Plant Sciences	The impact of a novel rhizobacteria from Antarctica on crop development, yield and fertilizer use efficiency
Amelie	Gaudin			Plant Sciences	Cover crop systems for Almond orchards: Exploring benefits and tradeoffs to inform management
Amelie	Gaudin			Plant Sciences	Almond Orchard Recycling
Amelie	Gaudin			Plant Sciences	Potential of whole orchard recycling to build sustainability and resilience of almond production
Amelie	Gaudin			Plant Sciences	Going back to the roots to transform soil health into yield
Amelie	Gaudin			Plant Sciences	Reducing insect virus vectors of beet curly top virus in processing tomatoes through soil health management
Amelie	Gaudin			Plant Sciences	Cover crop systems for almond orchards: Exploring benefits and tradeoffs to inform management
Amelie	Gaudin			Plant Sciences	Reducing insect virus vectors of Beet Curly Top Virus in processing tomatoes through soil health management
Amelie	Gaudin			Plant Sciences	Developing cover cropping systems for California almond orchards to increase soil C sequestration
Amelie	Gaudin			Plant Sciences	Managing for Soil: Targets and Potential in Almond Orchards
Amelie	Gaudin	Jeffrey	Mitchell	Plant Sciences	Cover Crop Systems for Almond Orchards: Exploring Benefits and Tradeoffs to Inform
Amelie	Gaudin			Plant Sciences	Almond Orchard Recycling - 2018-2019
Amelie	Gaudin			Plant Sciences	Developing sustainable and climate smart vineyards through sheep integration
Paul	Gepts			Plant Sciences	Conservation and Divergence in the Common Bean ( <i>Phaseolus vulgaris</i> ) Genome During Domestication Assessed by Next-Generation Sequencing
Paul	Gepts			Plant Sciences	Seed Matters Graduate Fellowship in Organic Plant Breeding
Paul	Gepts			Plant Sciences	Joint NSF/ERA-CAPS: Collaborative Research: BEAN-ADAPT - Genetic Architecture of Rapid Evolutionary Adaptation to Changing Environments in Domesticated <i>Phaseolus</i> Bean Species
Paul	Gepts			Plant Sciences	Genomic Recombination Landscape of Common Bean in Relation to Drought - and Heat-Tolerance and Other Traits of Agronomic Importance
Paul	Gepts			Plant Sciences	UC Davis Bean Breeding Program: Lima Bean Breeding
Paul	Gepts			Plant Sciences	African Bean Consortium - Kirkhouse Trust
Paul	Gepts			Plant Sciences	UC Davis grain legume breeding program: Development of improved garbanzo cultivars
Paul	Gepts			Plant Sciences	UC Davis Bean Breeding Program: Lima Bean Breeding
Paul	Gepts			Plant Sciences	Identifying Genetic Sources of <i>Lygus</i> Resistance in Lima Bean for new Variety Release
Paul	Gepts			Plant Sciences	Improvement of lima beans for yield, seed quality, and <i>Lygus</i> resistance
Paul	Gepts			Plant Sciences	UC Davis Grain Legume Breeding Program: Development of Improved Garbanzo Cultivars
Paul	Gepts			Plant Sciences	Improvement of garbanzos for yield and seed quality
Paul	Gepts			Plant Sciences	Improvement of lima beans for yield, seed quality, and <i>Lygus</i> resistance
Matthew	Gilbert			Plant Sciences	Applying an improved heat ratio method sap flow sensor to almonds to test for in field variation in water use
Matthew	Gilbert			Plant Sciences	Improving competitiveness of small and large California blueberry farms through grafting 29425
Matthew	Gilbert			Plant Sciences	Increasing Carbon Capture by Optimizing Canopy Resource Distribution
Matthew	Gilbert			Plant Sciences	Applying an improved heat ratio method sap flow sensor to almonds to test variation in water use between Nonpareil and pollinizers
Thomas	Gradziel			Plant Sciences	Impact of leaf width on water use efficiency and drought tolerance of tepary beans
Thomas	Gradziel			Plant Sciences	Interspecific Breeding Germplasm For Rootstock Research Development
Thomas	Gradziel			Plant Sciences	Almond Variety Development
Thomas	Gradziel			Plant Sciences	Interspecific Breeding Germplasm For Rootstock Research Development
Thomas	Gradziel			Plant Sciences	Almond Orchard and Culture Management
Thomas	Gradziel			Plant Sciences	Almond variety development
Thomas	Gradziel			Plant Sciences	Molecular Marker Validation on Interspecific Breeding Germplasm for Rootstock Development
Thomas	Gradziel			Plant Sciences	Development of New Cling Peach Varieties
Thomas	Gradziel			Plant Sciences	Regional Testing of New Processing Peach Selections
Thomas	Gradziel			Plant Sciences	Almond Variety Development
Thomas	Gradziel			Plant Sciences	Regional testing of new processing peach selections
Thomas	Gradziel			Plant Sciences	Rootstock Breeding, Hybrid-Vigor, Tolerance to Disease, Salinity & Environmental Stresses
Thomas	Gradziel			Plant Sciences	Almond variety development
Thomas	Gradziel			Plant Sciences	Development of New Cling Peach Varieties
Thomas	Gradziel			Plant Sciences	Regional Testing of New Processing Peach Selections
Thomas	Gradziel			Plant Sciences	Almond Variety Development
Thomas	Gradziel			Plant Sciences	Development of New Cling Peach Varieties
Thomas	Gradziel			Plant Sciences	Regional Testing of New Processing Peach Selections
Bradley	Hanson			Plant Sciences	Educational Outreach for the Pacific Area-Wide Pest Management Program for Integrated Methyl Bromide Alternatives
Bradley	Hanson			Plant Sciences	Understanding the Effects of Rice Herbicide Drift on Walnut in the Sacramento Valley
Bradley	Hanson			Plant Sciences	Weed management and herbicide safety in the almond production system
Bradley	Hanson	Lynn	Sosnoskie	Plant Sciences	Determining the Effects of Limited and Poor Quality Irrigation Water on Weed Composition and Control in California Tree Nut Crops 29380
Bradley	Hanson	Becky	Westerdahl	Plant Sciences	Develop effective fumigation methods to control plant parasitic nematodes in orchard soil for successful replanting
Bradley	Hanson			Plant Sciences	Understanding the Effects of Rice Herbicide Drift on Walnut in the Sacramento Valley
Bradley	Hanson			Plant Sciences	Breaking bindweed: Improving perennial weed control in recently established orchard systems
Bradley	Hanson			Plant Sciences	The Effects of Bispyribac-Sodium and Other Rice Herbicides on Walnut in the Sacramento Valley
Bradley	Hanson			Plant Sciences	Areawide Management of Invasive Weeds in the Sacramento/San Joaquin River Delta
Bradley	Hanson			Plant Sciences	Herbicide performance and crop safety evaluations in the conventional almond production system: field research and extension support
Bradley	Hanson			Plant Sciences	Herbicide performance and safety evaluations in the conventional walnut production system: field research and extension support
Timothy	Hartz			Plant Sciences	Improving N Use Efficiency of Cool Season Vegetable Production with Broccoli Rotations
Timothy	Hartz			Plant Sciences	Optimizing nitrate removal from tile drain water
Timothy	Hartz			Plant Sciences	Improving water & nitrogen use efficiency of cool season vegetables: Brussel sprouts, celery, high density & organic crops
Timothy	Hartz			Plant Sciences	Evaluation and Demonstration of Nitrogen and Phosphorus Management in Organic Leafy Green Vegetables Production on the Central Coast
Timothy	Hartz			Plant Sciences	Evaluation of practices to remediate cadmium-rich soils and reduce Cd uptake by leafy greens
Phyllis	Himmel			Plant Sciences	Collaboration for Plant Pathogen Strain Identification; building grower confidence in vegetable disease resistance
Robert	Hutmacher			Plant Sciences	Assessment of Abiotic and Biotic Factors in Greenhouse and Field Evaluation for Fusarium Wilt (FOV) Resistance in Cotton
Robert	Hutmacher			Plant Sciences	Developing Nitrogen Management Strategies to Optimize Grain Yield and Protein Content while Minimizing Leaching Losses in California Wheat
Robert	Hutmacher			Plant Sciences	Epigenetic control of drought response in sorghum (EPICON)
Robert	Hutmacher			Plant Sciences	Consortium for Advanced Sorghum Phenomics (CASP)
Robert	Hutmacher			Plant Sciences	Development and evaluation of cotton germplasm and potential breeding lines with improved Fusarium wilt (FOV) resistance, agronomic characteristics and fiber quality
Robert	Hutmacher			Plant Sciences	Evaluation of Acala Varieties and California Upland Varieties
Robert	Hutmacher			Plant Sciences	Validation of yield, agronomic, fiber quality, and disease resistance traits on improved cotton germplasm and breeding lines
Robert	Hutmacher			Plant Sciences	Identification and development of cotton germplasm and potential breeding lines with improved Fusarium wilt (FOV) resistance, fiber quality, and yield
Robert	Hutmacher			Plant Sciences	Pima on-farm variety trials, upland and pima research center variety trials
Robert	Hutmacher			Plant Sciences	Commercial Entry Fusarium Screening and Grower/Industry Field FOV-4 Evaluation Support
Robert	Hutmacher			Plant Sciences	Field Screening Support - Verticillium Wilt Resistance of New Germplasm Pima, Acala, and California Upland Varieties
Robert	Hutmacher			Plant Sciences	Identification and Development of Cotton Germplasm and Potential Breeding lines with improved Fusarium Wilt (FOV) Resistance, Fiber Quality, and Yield
Robert	Hutmacher			Plant Sciences	Development and evaluation of cotton germplasm and potential breeding lines with improved Fusarium wilt (FOV) resistance, agronomic characteristics and fiber quality
Robert	Hutmacher			Plant Sciences	Evaluation of Acala Varieties and California Upland Varieties
Robert	Hutmacher			Plant Sciences	Validation of yield, agronomic, fiber quality, and disease resistance traits on improved cotton germplasm and breeding lines
Robert	Hutmacher			Plant Sciences	Evaluation of Acala Varieties and California Upland Varieties
Robert	Hutmacher			Plant Sciences	Spindle Picker Plot Harvester Improvement
Robert	Hutmacher			Plant Sciences	Assessment of Fusarium in SJV Cotton: Field Evaluation Support Identification and Commercial Variety Screening Evaluations
Robert	Hutmacher			Plant Sciences	Field Screening Support - Verticillium Wilt Resistance of Newer Germplasm Pima, Acala and California Upland Varieties
Robert	Hutmacher			Plant Sciences	Identification and development of cotton germplasm and potential breeding lines with improved Fusarium wilt (FOV) resistance, fiber quality, and yield
Robert	Hutmacher			Plant Sciences	FOV4 Screening of Cotton lines

Robert	Hutmacher			Plant Sciences	Validation of yield, agronomic, fiber quality, and disease resistance traits on improved cotton germplasm and breeding lines
Robert	Hutmacher			Plant Sciences	Effect of Environment on Cotton Cultivar Development
Robert	Hutmacher			Plant Sciences	Evaluation of cotton germplasm and breeding lines for improved Fusarium wilt (FOV) tolerance, agronomic characteristics, and fiber quality
Robert	Hutmacher			Plant Sciences	Effect of Environment on Cotton Cultivar Development
Robert	Hutmacher			Plant Sciences	Evaluation of Acala Varieties and California Upland Varieties
Robert	Hutmacher			Plant Sciences	Identification, Development, Seed Increase of Cotton Germplasm and Potential Breeding Lines with Improved Fusarium Wilt (FOV) Resistance - CA Cotton Growers Association Support
Robert	Hutmacher			Plant Sciences	Pima Cotton Nitrogen Management, Uptake, Removal - Impacts of Varieties, Subsurface Drip and Furrow Irrigation - CCGGA Analytical Support
Marie	Jasieniuk			Plant Sciences	Evolutionary Changes in Ryegrass Populations Since Detection of Glyphosate Resistance and Communication of Resistance Management Strategies
Marie	Jasieniuk			Plant Sciences	Use of Italian ryegrass ( <i>Lolium multiflorum</i> ) from California as a model to characterize resistance to glufosinate
Richard	Jeannotte			Plant Sciences	Development of new Biostimulants to Improve Potato Crop Growth and Health
Stephen	Kaffka			Plant Sciences	Research and Technical Analysis to Support and Improve the Alternative Manure Management Program Quantification Methodology
Daniel	Kliebenstein			Plant Sciences	Evolution and Domestication of Core Eudicot Defense Mechanisms Against a Common Generalist Pathogen
Daniel	Kliebenstein			Plant Sciences	RESEARCH: Predicting Genotypic Variation in Growth and Yield under Abiotic Stress through Biophysical Process Modeling
Steven	Knapp			Plant Sciences	Enhancing resistance to soil-borne pathogens in strawberry through traditional and genomic-enabled breeding
Steven	Knapp	Julia	Harshman	Plant Sciences	Next-Generation Disease Resistance Breeding and Management Solutions for Strawberry
Steven	Knapp			Plant Sciences	Enhancing resistance to soilborne and above-ground pathogens in Strawberry through traditional and genomics-enabled breeding approaches (2018-19)
Steven	Knapp			Plant Sciences	Enhancing resistance to soilborne and above-ground pathogens in strawberry through traditional and genomic-enabled breeding approaches
Emilio	Laca			Plant Sciences	Biostatistical Design, Analysis and Interpretation of National Wildlife Refuge System Data
Emilio	Laca			Plant Sciences	Review of Smelt Sampling Protocols And Ecological Interpretation
Emilio	Laca			Plant Sciences	Native grassland restoration for resilient coastal ecosystem services
Emilio	Laca			Plant Sciences	Creating Value for Producers and Impact Investors through Marketable GHG/Environmental Credits on Range and Pasture Lands
Emilio	Laca			Plant Sciences	U.S. Fish and Wildlife Waterbird Habitat Assessment Protocol
Andrew	Latimer			Plant Sciences	Dimensions: Parallel Evolutionary Radiations in <i>Protea</i> and <i>Pelargonium</i> in the Greater Cape Floristic Region
Andrew	Latimer			Plant Sciences	Post-wildfire forest regeneration in a changing climate
Andrew	Latimer			Plant Sciences	Biotic community shifts in California
Andrew	Latimer			Plant Sciences	Optimizing performance of tree planting treatments after severe wildfire
Andrew	Latimer			Plant Sciences	Interacting effects of wildfire and drought on giant sequoia groves in the southern Sierra Nevada
Charles	Leslie			Plant Sciences	Evaluation of <i>Juglans cathayensis</i> for Resistance to Rootstock Pathogens
Bruce	Linguist			Plant Sciences	C.E. Rice Variety Adaptation and Cultural Practice Research
Bruce	Linguist			Plant Sciences	Improving fertilizer guidelines for California's changing climate
Bruce	Linguist			Plant Sciences	Identifying Opportunities for Improving Water Use Efficiency in CA Rice Systems
Bruce	Linguist			Plant Sciences	Mercury in California Rice Systems
Bruce	Linguist			Plant Sciences	Greenhouse Gas Responses to Irrigation Management in Rice Agriculture
Bruce	Linguist			Plant Sciences	C.E. Rice Variety Adaptation and Cultural Practice Research
Bruce	Linguist			Plant Sciences	Identifying Opportunities for Improving Water Use Efficiency in CA Rice Systems
Bruce	Linguist			Plant Sciences	Mercury in California Rice Systems
Bruce	Linguist			Plant Sciences	2016CA363B: Quantifying methylmercury loads from California rice fields
Bruce	Linguist			Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Bruce	Linguist			Plant Sciences	C.E. Rice Variety Adaptation and Cultural Practice Research
Bruce	Linguist			Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Bruce	Linguist			Plant Sciences	Identifying Opportunities for Improving Water Use Efficiency in CA Rice Systems
Bruce	Linguist			Plant Sciences	Mercury in California Rice Systems
Bruce	Linguist			Plant Sciences	Identifying opportunities for improving water use efficiency in California rice systems
Bruce	Linguist			Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Bruce	Linguist			Plant Sciences	Mercury in California Rice systems
Bruce	Linguist			Plant Sciences	Identifying opportunities for improving water use efficiency in California rice systems
Bruce	Linguist			Plant Sciences	Improving fertilizer guidelines for California's changing rice climate
Elizabeth	Mitcham			Plant Sciences	Nutrition-Horticulture Collaborative Research Program
Jeffrey	Mitchell			Plant Sciences	Optimizing Water and Nitrogen use Efficient Tillage and legume Cover Crop Systems for California
Jeffrey	Mitchell			Plant Sciences	Tomato and Cotton Production
Jeffrey	Mitchell			Plant Sciences	Training Program for Conservation Agriculture Systems, Practices, and Technologies
Jeffrey	Mitchell			Plant Sciences	Making California agriculture more productive and sustainable through improved soil health
Jeffrey	Mitchell	Daniele	Zaccaria	Plant Sciences	Evaluation of trade-offs between winter cover crop production and soil water depletion in San Joaquin Valley row crop field and orchards
Jeffrey	Mitchell			Plant Sciences	Potential new cotton production paradigms for the San Joaquin Valley: integrated cotton production systems that incorporate no-tillage, controlled traffic and overhead precision irrigation
Jeffrey	Mitchell			Plant Sciences	Expanding the Capacity and Training of a New Generation of California Vegetable Producers
Jeffrey	Mitchell	Jan	Hopmans	Plant Sciences	Increasing water use efficiency and drought resilience in California agriculture
Jeffrey	Mitchell			Plant Sciences	Training Program for Conservation Agriculture Systems, Practices, and Technologies
Jeffrey	Mitchell			Plant Sciences	Potential new cotton production paradigms for the San Joaquin Valley: integrated cotton production systems that incorporate no-tillage, controlled traffic and overhead precision irrigation
Jeffrey	Mitchell			Plant Sciences	Training program for conservation agriculture systems, practices, and technologies- Year 3
Jeffrey	Mitchell			Plant Sciences	SECURING THE FUTURE OF HIGHLY PRODUCTIVE ANNUAL CROPPING SYSTEMS IN CALIFORNIA
Jeffrey	Mitchell			Plant Sciences	Securing the future of highly productive organic no-till vegetable cropping systems in California
Jeffrey	Mitchell			Plant Sciences	Introducing No-tillage production systems in California
Maziar	Mollaie kandelous			Plant Sciences	Optimization of water and nitrate application efficiency for Citrus trees: Recommendations for irrigation and fertilization
Maziar	Mollaie kandelous			Plant Sciences	Improving nitrate and salinity management strategies for almond grown under micro-irrigation
David	Neale			Plant Sciences	Drought adaptation mechanisms in pine hybrids
David	Neale			Plant Sciences	Development of modern genomics tools for application in management, conservation, and restoration of coast redwood and giant sequoia
David	Neale			Plant Sciences	Application of marker breeding in the UC Davis walnut improvement program (WIP)
David	Neale			Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of Armillaria resistance in pear - personnel
David	Neale			Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of Armillaria resistance in pear - supplies
David	Neale			Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of Armillaria resistance in pear - supplies
David	Neale			Plant Sciences	Optimizing a protocol for the high-throughput phenotyping of Armillaria resistance in pear - personnel
Lorence	Okie			Plant Sciences	Urban Pesticide Runoff Contamination and Mitigation Research
Lorence	Okie			Plant Sciences	Combined Vegetated And Slow Sand Filters To Disinfect Irrigation Runoff For Reuse
Lorence	Okie			Plant Sciences	Microcalorimetry for Rapid Assessment of Crop Salinity Tolerance
Lorence	Okie			Plant Sciences	Clean Water3 - Reduce, Remediate, Recycle: Informed Decision-Making to Facilitate Use of Alternative Water Resources and Promote Sustainable Specialty Crop Production
Lorence	Okie			Plant Sciences	Developing Landscape Establishment Irrigation Regimes for California Native Species
Lorence	Okie			Plant Sciences	Increasing recycled water use at nurseries through evaluation of water and contaminant treatment technology
Lorence	Okie			Plant Sciences	Landscape Plant Performance: Water Use and Disease Resistance Assessments and New Cultivar Selections
Lorence	Okie			Plant Sciences	Evaluating new cultivars of Kurapia on reduced irrigation
Lorence	Okie			Plant Sciences	A System Nitrogen Balance for Container Plant Production
Lorence	Okie			Plant Sciences	Utilizing microcalorimetry for the rapid assessment of plant salinity tolerance
Lorence	Okie			Plant Sciences	A system nitrogen balance for container plant production
Lorence	Okie			Plant Sciences	A system nitrogen balance for container plant production
Lorence	Okie			Plant Sciences	A System Nitrogen Balance for Container Plant Production
Lorence	Okie			Plant Sciences	Utilizing microcalorimetry for the rapid assessment of plant salinity tolerance
Lorence	Okie			Plant Sciences	Landscape Plant Performance: Water Use Assessments of New Cultivar Selections
Lorence	Okie			Plant Sciences	Removal of plant growth regulators from captured runoff prior to reuse as irrigation
Dan	Parfitt			Plant Sciences	Field Evaluation of Biocontrol Agent and Novel Application of Antimicrobial Edible Film in Postharvest Storage for Reducing Aflatoxin in Food

Daniel	Potter			Plant Sciences	Engaging high school students in botanical surveys: a collaborative educational research program between UC Davis Plant Sciences Department, St. Patrick-St. Vincent High School and the Solano County Flora Project
Daniel	Putnam			Plant Sciences	Analysis of SDI Application in Alfalfa to Improve Water Use Efficiency and Water Quality
Daniel	Putnam	Edward	Brummer	Plant Sciences	Subsurface Drip Irrigation Strategies, and Improved Varieties to Improve Alfalfa Water Use Efficiency under Drought Conditions
Daniel	Putnam			Plant Sciences	Greenhouse Gas Emissions Reductions Research and Development Leading to Cost-Competitive Coal-to-Liquids (CTL) Based Jet Fuel Production
Daniel	Putnam			Plant Sciences	Developing High Yielding and High Quality Varieties and Cropping Systems for High Salinity Conditions
Daniel	Putnam			Plant Sciences	Optimizing management of subsurface drip irrigation in alfalfa under full and deficit irrigation practices to improve water use efficiency
Daniel	Putnam			Plant Sciences	Developing Alfalfa Varieties for High Salinity Production Systems
Daniel	Putnam			Plant Sciences	Characterizing the benefits of alfalfa in rotation and communicating the value of environmental services to the public
Leslie	Roche			Plant Sciences	Completing the knowledge cycle: Deriving IPM knowledge directly from practitioners on working landscapes
Leslie	Roche			Plant Sciences	Integrated pest management of barb goatgrass and medusahead in California annual grasslands
Leslie	Roche			Plant Sciences	Irrigated Pastureland Enhancement Program
Leslie	Roche			Plant Sciences	R5 Rangeland Water Quality and Effectiveness Monitoring
Leslie	Roche	Tina	Saitone	Plant Sciences	Economic and Environmental Impacts of Alternative Conservation-Mitigation Strategies
Jeffrey	Ross-Ibarra			Plant Sciences	PanAND: Harnessing convergence and constraint to predict adaptations to abiotic stress for maize and sorghum
Daniel	Runcie			Plant Sciences	Collaborative Research: Mechanisms of malleability and resilience of flowering responses to current and future variability in seasonal cues in a geographically-widespread species
Kenneth	Shackel			Plant Sciences	Almond Water Production Function
Kenneth	Shackel			Plant Sciences	GC 2015: Spatial Patterns in Berry Skin Properties
Kenneth	Shackel			Plant Sciences	Whole tree ET responses to mild and moderate water stress
Kenneth	Shackel			Plant Sciences	Almond Water Production Function
Kenneth	Shackel			Plant Sciences	Winter Water Management in Almond Orchards
Kenneth	Shackel			Plant Sciences	Evaluating physiological indicators for early season water management in walnut
Kenneth	Shackel			Plant Sciences	Managing the water relations of bare root nursery stock to improve establishment, performance, and disease resistance
Kenneth	Shackel			Plant Sciences	Almond Water Production Function
Kenneth	Shackel			Plant Sciences	Lysimeter - Whole Tree ET Responses to Mild and Moderate Water Stress
Kenneth	Shackel			Plant Sciences	Evaluating physiological indicators for early season water management in walnut 2017-2018
Kenneth	Shackel			Plant Sciences	SWP Sensor
Kenneth	Shackel			Plant Sciences	Managing the water relations of bare root nursery stock to improve establishment, performance, and disease resistance
Kenneth	Shackel			Plant Sciences	Almond water production function
Kenneth	Shackel			Plant Sciences	Whole tree ET responses to mild and moderate water stress
Kenneth	Shackel			Plant Sciences	Evaluating physiological indicators for early season water management in walnut
Kenneth	Shackel			Plant Sciences	Whole Tree ET Responses to Mild and Moderate Water Stress
Kenneth	Shackel			Plant Sciences	Developing Plant-Based Recommendations for Water Management in a Dry Winter
Kenneth	Shackel			Plant Sciences	Early season water management in walnut
Lynn	Sosnoskie			Plant Sciences	Breaking bindweed: Deciphering the complex interactions among weed, herbicide, environment and crop to improve Convolvulus arvensis control in processing tomato
Dina	St. Clair			Plant Sciences	Tolerance Of Water Stress In tomato: Genetics and Genomics
Dina	St. Clair			Plant Sciences	Discovering novel genes associated with water stress tolerance in wild tomato
Dina	St. Clair			Plant Sciences	Identifying and testing wild tomato genes that contribute to water stress tolerance
Dina	St. Clair			Plant Sciences	Discovering novel genes for water stress tolerance in wild tomato via genome sequencing
Dina	St. Clair			Plant Sciences	Field evaluation of water stress tolerance in new breeding lines from wild tomato
Dina	St. Clair			Plant Sciences	Wild tomato genome sequence analysis to discover novel genes for water stress tolerance
Trevor	Suslow			Plant Sciences	Evaluation of an Alternative Irrigation Water Quality Indicator
Trevor	Suslow			Plant Sciences	Rapid Tests to Specifically Differentiate Clinically Significant form Environmental STEC Towards Reducing Unnecessary Crop Destruction
Kenneth	Tate			Plant Sciences	Linking Management Decisions With Ecological And Economic Outcomes In Grazed Systems
Kenneth	Tate			Plant Sciences	Water Quality Implications Of Unique Transformation Processes Of Trenbolone Steroids Used As Agricultural Pharmaceuticals
Li	Tian			Plant Sciences	Vitamin A Biofortification of Wheat Grains Using a TILLING Mutant-Based Approach
Allen	Van Deynze			Plant Sciences	Professional development of mid-career African plant breeders
Allen	Van Deynze			Plant Sciences	Identifying phenotypes, markers, and genes in carrot germplasm to deliver improved carrots to growers and consumers
Allen	Van Deynze			Plant Sciences	Phenotypic variation and QTL mapping of nematode (Meloydogine incognita) & Phytophthora root rot resistance in chile peppers
Allen	Van Deynze			Plant Sciences	A platform for breeding broad genetic resistance to downy mildew for organic spinach production
Allen	Van Deynze			Plant Sciences	Improving Nitrogen Use Efficiency and Food Safety in Spinach Production
Astrid	Volder			Plant Sciences	Manipulating irrigation patterns to evaluate fine root traits, root production rates, and fine root physiology in almond trees
Astrid	Volder			Plant Sciences	Winter water management in almond orchards - Fresno
Astrid	Volder			Plant Sciences	Manipulating irrigation patterns to evaluate fine root traits, root production rates, and fine root physiology in almond trees
Astrid	Volder			Plant Sciences	[2016] Winter water management in almond orchards - Fresno
Astrid	Volder			Plant Sciences	Manipulating irrigation patterns to evaluate fine root traits, root production rates, and fine root physiology in almond trees
Astrid	Volder			Plant Sciences	[2017] Winter water management in almond orchards - Fresno
Astrid	Volder			Plant Sciences	Assessing Key Factors Influencing Farmers' Water Use and Irrigation Decisions on the U.S. West Coast
Astrid	Volder			Plant Sciences	The effect of leguminous cover crop on carbon sequestration, greenhouse emissions, soil health and iron availability in pear orchards
John	Yoder			Plant Sciences	Development of Genetically Resistant Crop Plants to Parasitic Weeds Based on Trans-specific Gene Silencing
Truman	Young			Plant Sciences	Historical contingency in ecology and restoration: climate change, year effects, and priority effects in California grasslands
Truman	Young			Plant Sciences	RAPID: Historical contingency in ecology and restoration: climate change, year effects, and priority effects in California grasslands
Derek	Young			Plant Sciences	Using UAVs and big data to map live trees and predict postfire regeneration
Maciej	Zwieniecki			Plant Sciences	Physiology of Sodium Management in Pistachio
Maciej	Zwieniecki			Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Almonds under Changing Central Valley Climatic Conditions
Maciej	Zwieniecki			Plant Sciences	Development of physiology based methods for sustainable management of pistachios--focus on physiology of chilling requirement
Maciej	Zwieniecki			Plant Sciences	Development of tree carbohydrate budget based methods for sustainable management of walnut orchards under changing central valley climatic conditions
Maciej	Zwieniecki			Plant Sciences	Development of tree carbohydrate budget based methods for sustainable management of almonds under changing Central Valley climatic conditions
Maciej	Zwieniecki			Plant Sciences	Development of physiology based methods for sustainable management of pistachios--focus on physiology of chilling requirement
Maciej	Zwieniecki			Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Walnut Orchards under Changing Central Valley Climatic Conditions
Maciej	Zwieniecki			Plant Sciences	Physiology of Sodium Management in Pistachio
Maciej	Zwieniecki			Plant Sciences	Development of tree carbohydrate budget based methods for sustainable management of almonds under changing Central Valley climatic conditions
Maciej	Zwieniecki			Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Pistachio Orchards under Changing Central Valley Climatic Conditions
Maciej	Zwieniecki			Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Walnut Orchards under Changing Central Valley Climatic Conditions
Maciej	Zwieniecki			Plant Sciences	Development of tree carbohydrate budget based methods for sustainable management of almonds under changing Central Valley climatic conditions
Maciej	Zwieniecki			Plant Sciences	Carbohydrate budget analysis tool for improved management of nut tree orchards threatened by climate change
Maciej	Zwieniecki			Plant Sciences	Development of Tree Carbohydrate Budget Based Methods for Sustainable Management of Pistachio Orchards under Variable Central Valley Climatic Conditions
Maciej	Zwieniecki			Plant Sciences	Development of carbohydrate analysis based methods for sustainable walnut orchard management
Benjamin	Highton			Political Science	Will California's New Electorate Reflect the New California?
Benjamin	Highton			Political Science	Will California's New Electorate Reflect the New California?
Bradford	Jones			Political Science	The Paradox of Migration: Assessing Mexican Beliefs about the Inmigrante

Bradford	Jones			Political Science	The Paradox of Migration and Attitudes Towards Immigrants: Assessing Mexican Beliefs about Migration the Immigrants
Brandon	Kinne			Political Science	Managing Nontraditional Security Threats through Bilateral Cooperation
Lauren	Young			Political Science	Analysis of Cycles of Retributive Violence
Koen	van Rompay	Eliza	Bliss-Moreau	Primate Center	Development of a nonhuman primate model of fetal Zika virus infection and disease
Koen	van Rompay			Primate Center	Transmission blocking potential of novel HIV Env-specific mucosal antibodies
Koen	van Rompay			Primate Center	Innate Antiviral Factors in Breast Milk and the Oral HIV-1 Reservoir
Koen	van Rompay	Joann	Yee	Primate Center	Combined hepatitis B and HIV-1 envelope vaccination to augment T cell help via linked recognition of unrelated antigens
Koen	van Rompay	Lark	Coffey	Primate Center	Preclinical testing of neutralizing antibodies against zika virus
Koen	van Rompay	Lark	Coffey	Primate Center	Prophylaxis of adult macaques with anti-Zika antibodies
Koen	van Rompay	Amir	Ardeshir	Primate Center	Sublingual-parenteral vaccination to prevent oral HIV transmission in infants
Koen	van Rompay			Primate Center	Supramolecular pediatric HIV vaccine design
Koen	van Rompay			Primate Center	Sequelae and Immunopathology of Ebola Virus Infections
Lisa	Miller			Primate Center	Are Adverse Health Effects from Air Pollution Exposure Passed on from Mother to Child?
Lisa	Miller			Primate Center	Susceptibility of Adolescent Airways to E-cigarette Exposure
Brenda	McCowan			Primate Center	Expanding the Utility of Social Network Analysis for Multilevel Health Outcomes
Brenda	McCowan	Brianne	Beisner	Primate Center	Determining the Dynamic Influence of Social Networks on Development and Health
Sara	Thomasy			Primate Center	Sustained Ocular Drug Delivery System for Anti-VEGF agents
Keith	Watenpauh			Religious Studies	A Nansen Passport for Refugee University Students -- Mobility, Credibility, Safety: Phase One Research
Maria	Blanco			School of Law-Deans Office	UC Undocumented Student Resource Center Grant
Christopher	Elmendorf			School of Law-Deans Office	Collaborative Research: Measuring apparent race and ethnicity, with applications to the study of discrimination
Camille	Pannu			School of Law-Deans Office	Support for Convening a Workshop and Producing a Summary Document on Small Water Systems Consolidation
Erin	Hamilton			Sociology	Child Migration from Mexico to the United States
Erin	Hamilton			Sociology	Unauthorized Immigrants, Occupational Injuries and Employment Verification Laws
Jacob	Hibel			Sociology	Supporting Young Students' Special Needs in New Immigrant Destinations
Caitlin	Patler			Sociology	The Impacts of Long-Term Immigration Detention on Individuals, Households and Communities
Caitlin	Patler	Erin	Hamilton	Sociology	Effects of a Precarious Future on Youth Health and Wellbeing
Kimberlee	Shauman			Sociology	Discriminating Language: Race, Gender, Letters of Recommendation and Outcomes in Academic Hiring
Bridget	Clark			Sociology	Doctoral Dissertation Research: Navigating and Negotiating Multiple Energy Futures in Public Disputes and Politics of Energy Infrastructures
Robert	Irwin			Spanish & Portuguese	Humanizing Deportation: A Digital Storytelling Archive
Alexander	Aue			Statistics	Spatial-Temporal Modeling for the Assessment of Complex Environmental Monitoring Data
Patricia	Maloney			Tahoe Environ Research Center	CTC Prop 12: North shore sugar pine reforestation for mountain pine beetle outbreak recovery
S	Schladow			Tahoe Environ Research Center	Planning for Climate Change - Phase 2
S	Schladow			Tahoe Environ Research Center	A Sustainable Method for Rapid Assessment of the Extent and Causes of Metaphyton in Lake Tahoe
S	Schladow	Patricia	Maloney	Tahoe Environ Research Center	Lake Tahoe Basin, Climate Action and Adaptation Plan
S	Schladow	Alexander	Forrest	Tahoe Environ Research Center	Rehabilitation of Clear Lake, CA
S	Schladow			Tahoe Environ Research Center	TO #3: Stormwater Monitoring, Equipment Installation, and Maintenance
S	Schladow	Steven	Sadro	Tahoe Environ Research Center	Work Order #3, Project #1, Linking Science to Action: Recommendations for Applied Research and Monitoring to Inform the Lake Tahoe TMDL Management System and the Environmental Improvement Program
S	Schladow			Tahoe Environ Research Center	Water Quality and TMDL Lake Modeling
S	Schladow			Tahoe Environ Research Center	UC Davis Science Education at Lake Tahoe
S	Schladow	Steven	Sadro	Tahoe Environ Research Center	Work Order #5, Project #1, Phase 2, Linking Science to Action Phase II: Recommendations for applied research and monitoring to Inform the Lake Tahoe TMDL Management System and the Environmental Improvement Program
Gang	Sun			Textiles & Clothing	Development of highly sensitive colorimetric sensors for fumigants
Gang	Sun			Textiles & Clothing	Development of Highly Sensitive Colorimetric Sensors for Fumigants- Continuation
Kamaljeet	Khaira			UC CalFresh Nutrition Ed Prog	UC CalFresh Nutrition Education Program (UC CalFresh NEP)
Siobhan	Brady			UC Davis Genome Center	Mechanisms Underlying Root System Architecture Adaption to a Low Phosphate Environment
Siobhan	Brady			UC Davis Genome Center	RSM systems biology for sorghum: Engineering soil and plant microbiomes for enhanced crop productivity in Africa
Luis	Carvajal-Carmona			UC Davis Genome Center	Precision medicine of breast cancer in Latinas from California
Luis	Carvajal-Carmona			UC Davis Genome Center	Identification of Novel Breast Cancer Genes in a Hispanic Isolate
Luca	Comai			UC Davis Genome Center	Biofuels in the arid West: germplasm development for sustainable production of Camelina Oilseed
Luca	Comai			UC Davis Genome Center	BMGF - Capturing Heterosis in Self-Reproducing Sorghum and Cowpea Hybrids for Sub-Saharan Africa
Luca	Comai	Isabelle	Henry	UC Davis Genome Center	Discovery and characterization of dosage-dependent disease resistance loci in poplar
Savithramma	Dinesh-Kumar			UC Davis Genome Center	Role of organelle dynamics and retrograde signaling during plant innate immunity
Jonathan	Eisen			UC Davis Genome Center	Development And Use Of Metagenomic Approaches To Address Challenging Soilborne Problems In Horticultural Crops
Oliver	Fiehn			UC Davis Genome Center	Novel Metabolic Predictors of Diabetes in American Indians
Oliver	Fiehn			UC Davis Genome Center	The Environmental Determinants of Diabetes in the Young (TEDDY) Study
Oliver	Fiehn			UC Davis Genome Center	Flaxseed effects on gut microbial metabolism and circulating inflammation-related metabolic profiles in African American and non-Hispanic white women
Isabelle	Henry			UC Davis Genome Center	Genomic-guided breeding of improved mint clones for long-term sustainability
Isabelle	Henry			UC Davis Genome Center	Predicting Drought Response in Trees based on Genes Regulating Wood Formation
Fereydoun	Hormozdari			UC Davis Genome Center	Discovery complex genetic variation and its contribution to human disease and evolution
Richard	Michelmore			UC Davis Genome Center	Generation of Wheat Resistant to Multiple Rust Disease Using RNAi
Richard	Michelmore			UC Davis Genome Center	Breeding and Genetics of Lettuce for Resistance Against Race 2 Verticillium Wilt
Richard	Michelmore			UC Davis Genome Center	Sustaining the supply of high quality lettuce in changing technological and climatic environments
Richard	Michelmore			UC Davis Genome Center	Gene stacking to generate multi-disease resistant lettuce
Gerald	Quon			UC Davis Genome Center	CAREER: Inference of transcriptional regulation under environmental perturbations
David	Segal			UC Davis Genome Center	FAST Integrative Research Environment (FIRE) Initiative
Matthew	Settles			UC Davis Genome Center	2018 UC-MEXUS Collaborative Project
Rachel	Davis			University Arboretum	Public Garden Significant Pest Monitoring Project
Shannon	Still			University Arboretum	BLM CA Seed Strategy Implementation
Daniel	Melzer			University Writing Program	Building Sustainable Writing Across the Curriculum Programs
Benjamin	Sacks			Veterinary Genetics Lab	Genetic Monitoring of the Sierra Nevada Red Fox DPS at Sonora Pass
Benjamin	Sacks			Veterinary Genetics Lab	Sierra Nevada red fox genetic population monitoring at Sonora Pass
Benjamin	Sacks			Veterinary Genetics Lab	Noninvasive genetic monitoring of the Sierra Nevada red fox DPS
Benjamin	Sacks			Veterinary Genetics Lab	Genetic management planning for the Sierra Nevada red fox DPS
James	Statham			Veterinary Genetics Lab	Cooperative Ecosystem Study of the Genetic Structure of the Panoche-Ciervo Giant Kangaroo Rat Metapopulation
James	Statham			Veterinary Genetics Lab	Salt Marsh Harvest Mouse Landscape Genetics and Connectivity within the Suisun Bay Recovery Unit
James	Statham			Veterinary Genetics Lab	Genetic and Morphological Investigation of Harvest Mice (Genus Reithrodontomys) in the Southern San Francisco Bay
James	Statham	Benjamin	Sacks	Veterinary Genetics Lab	Salt Marsh Harvest Mouse Landscape Genetics and Connectivity within the Suisun Bay Recovery Unit
James	Statham			Veterinary Genetics Lab	Investigating contemporary and historical genetic structure, diversity and phylogenetic divergence in the endangered Salt Marsh Harvest Mouse (Reithrodontomys raviventris)
Megan	Bartlett			Viticulture & Enology	Evaluating traits to improve grapevine water-use efficiency and drought tolerance
Dario	Cantu			Viticulture & Enology	GC: 2015: Genetic Resistance to Powdery Mildew (2015-1657)
Dario	Cantu	Andrew	Walker	Viticulture & Enology	GC: 2016 - Integrating systems biology with marker assisted selection to guide the stacking of powdery mildew resistance genes
Dario	Cantu			Viticulture & Enology	GC: 2016 - Deep sequencing for trunk disease diagnostics
Dario	Cantu	Andrew	Walker	Viticulture & Enology	GC-2017: Integrating systems biology with marker assisted selection to guide the stacking of powdery mildew resistance genes
Dario	Cantu			Viticulture & Enology	GC 2017: Deep sequencing for trunk disease diagnostics
Dario	Cantu			Viticulture & Enology	MICROBIAL PATHOGENOMICS OF THE MAJOR CACAO DISEASES
Dario	Cantu			Viticulture & Enology	Deep sequencing for trunk disease diagnostics
Dario	Cantu			Viticulture & Enology	CG:2019 Deep sequencing for trunk disease diagnostics
Matthew	Fidelibus			Viticulture & Enology	Evaluation of USDA-ARS Nematode Resistant Rootstocks
Thorsten	Knipfer			Viticulture & Enology	An Integrated Approach to Understanding How Grapevine Root Systems Respond to and Recover from Drought Stress
Thorsten	Knipfer			Viticulture & Enology	An Integrated Approach to Understanding How Grapevine Root Systems Respond to and Recover from Drought Stress
David	Mills			Viticulture & Enology	The Breast Milk, Gut Microbiome, and Immunity (BMMI) Project: Discovering New Ways to Promote Healthy Growth in Infants and Children
Anita	Oberholster			Viticulture & Enology	GC 2017: Investigation of green chemistry alternatives for winery cleaning
Anita	Oberholster			Viticulture & Enology	GC 2017: Investigation of the impact of grapevine red blotch-associated virus (GRBaV) on grapevine health and subsequent grape and wine composition and style
Ron	Runnebaum	Dario	Cantu	Viticulture & Enology	Clonal evaluation of Grape powdery mildew resistance in a heritage Pinot noir clone and comparative wine fermentation, chemical and sensory analysis



David	Smart			Viticulture & Enology	Optimizing The Use Of Groundwater Nitrogen (NO3): Vadose Zone and Ground Water Monitoring for Pump And Fertilize Approach
David	Smart			Viticulture & Enology	Optimizing the Use of Groundwater Nitrogen for Nut Crops
David	Smart			Viticulture & Enology	Optimizing the Use of Groundwater Nitrogen for Nut Crops
David	Smart			Viticulture & Enology	Evaluating Nitrogen Management Strategies to Minimize Greenhouse Gas Emissions from California...
David	Smart			Viticulture & Enology	Evaluating nitrogen management strategies to minimize greenhouse gas emissions from California almond orchards
David	Smart			Viticulture & Enology	Optimizing the use of groundwater nitrogen (NO3-): Efficacy of the pump and fertilize approach for almond.
David	Smart			Viticulture & Enology	Real-Time Irrigation Metrics for Improved Water Use Efficiency in Orchards and Vineyards - 29000
David	Smart			Viticulture & Enology	Incentives to Reduce Greenhouse Gas Emissions and Nitrate Leaching from Almond Orchards
David	Smart			Viticulture & Enology	Evaluating Nitrogen Management Strategies to Minimize Reactive Nitrogen Mobilization from California Almond Orchards
David	Smart			Viticulture & Enology	Evaluating nitrogen management strategies to minimize reactive nitrogen
David	Smart			Viticulture & Enology	Evaluating nitrogen management strategies to minimize reactive nitrogen
Andrew	Walker			Viticulture & Enology	Development of Next Generation Rootstocks for California Vineyards
Andrew	Walker			Viticulture & Enology	Development of next generation rootstocks for California vineyards
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Andrew	Walker			Viticulture & Enology	Research To Better Understand And And Manage Vascular Disease And Drought By Looking At The Inner Workings Of The Grapevine Vascular System
Andrew	Walker			Viticulture & Enology	GC: 2015 - Breeding Pierce's disease resistant winegrapes
Andrew	Walker	Andrew	McElrone	Viticulture & Enology	An Integrated Approach to Understanding How Grapevine Root Systems Respond to and Recover from Drought Stress
Andrew	Walker			Viticulture & Enology	GC 2017 Molecular breeding support for the development of PD resistant winegrapes
Andrew	Walker			Viticulture & Enology	Evaluating Grapevine Root System Responses to Drought Stress to Identify Physiological Traits for Breeding and Precision Irrigation Management
Andrew	Walker			Viticulture & Enology	Development of Next Generation Rootstocks for California Vineyards
Andrew	Walker			Viticulture & Enology	Development of Next Generation Rootstocks for California Vineyards
Andrew	Walker			Viticulture & Enology	Development of Next Generation Rootstocks for California Vineyards
Andrew	Walker			Viticulture & Enology	GC:2018 Breeding Pierce's disease resistant winegrapes
Andrew	Walker	Dario	Cantu	Viticulture & Enology	GC: 2018 Molecular breeding support for the development of PD resistant winegrapes
Andrew	Walker			Viticulture & Enology	Development of Next Generation Rootstocks for California Vineyards
Andrew	Walker			Viticulture & Enology	GC 2019: CTGC: Development of Next Generation Rootstocks for CA Vineyards
Larry	Williams			Viticulture & Enology	GC: 2014 Water Footprint, Productivity and Drought Responses of Seventeen Winegrape Cultivars in the San Joaquin Valley
Larry	Williams	Matthew	Fidelibus	Viticulture & Enology	GC:2018 Effects of pre- and post-harvest N fertilization and irrigation amount on the N fertilizer recovery efficiency (REN) of wine grapes grown in the San Joaquin Valley
Mariana	Barboza Gardner	Helen	Raybould	Vm: Anat Physio & Cell Biology	The Role of Leptin Receptor Glycosylation in Leptin Resistance and Obesity
Richard	Connon			Vm: Anat Physio & Cell Biology	Effects of Herbicides and Insecticides of Concern in the Bay-Delta on Primary and Secondary Production
Richard	Connon			Vm: Anat Physio & Cell Biology	Linking Biological Scales Across Generations: An Estuarine and Marine Model for Measuring the Ecological Impact of Endocrine Disrupting Compounds
Richard	Connon			Vm: Anat Physio & Cell Biology	Genetic Signatures of Drought and Disease
Richard	Connon			Vm: Anat Physio & Cell Biology	Water Quality, Contaminant, and Nutrient assessments in California Waterways IV
Richard	Connon	Esteban	Soto Martinez	Vm: Anat Physio & Cell Biology	Drought-Related High Water Temperature Impacts the Health of California Salmonids through Disease, Enhancing Predation Risks
Richard	Connon			Vm: Anat Physio & Cell Biology	Developing Molecular Biomarkers to Assess Chlorantraniliprole and Imidacloprid Impacts in Aquatic Species
Richard	Connon			Vm: Anat Physio & Cell Biology	Contaminant Effects on Two California Fish Species and the Food Web That Supports Them
Richard	Connon	Nann	Fangue	Vm: Anat Physio & Cell Biology	Impacts of salinity and turbidity on early-life stage Longfin Smelt ( <i>Spirinchus thaleichthys</i> ): Phase II
Richard	Connon			Vm: Anat Physio & Cell Biology	Linking biological scales across generations: An estuarine and marine model for measuring the ecological impact of endocrine disrupting compounds
Richard	Connon			Vm: Anat Physio & Cell Biology	High-throughput biomonitoring of aquatic invertebrates
Richard	Connon			Vm: Anat Physio & Cell Biology	Defining the fundamental niche of Longfin Smelt ( <i>Spirinchus thaleichthys</i> ): Physiological mechanisms of environmental tolerance
Richard	Connon			Vm: Anat Physio & Cell Biology	Pathogen Screening and Health Status of Outmigrating Chinook Salmon in the Delta
Tomofumi	Kurobe			Vm: Anat Physio & Cell Biology	Characterization of Zooplankton Species Composition and Abundance in Liberty Island, Generating Baseline Data for Assessing Impact of Pesticides on Zooplankton Population Structure
Tomofumi	Kurobe			Vm: Anat Physio & Cell Biology	Assessing sediment nutrient storage and release in the Delta: Linking benthic nutrient cycling to restoration, aquatic vegetation, phytoplankton productivity, and harmful algal blooms
Stuart	Meyers			Vm: Anat Physio & Cell Biology	Understanding Drought Effects on Gonadal Development in Threatened California Salmonids
Stuart	Meyers	Bruce	Draper	Vm: Anat Physio & Cell Biology	Development of Germ Cell Transplantation Methods for Enhancing Aquacultural Production of Migratory Fishes
Edward	Schelegle			Vm: Anat Physio & Cell Biology	Evaluation of Airway Responses of Asthmatics to 6.6 Hour Ozone Exposure
Edward	Schelegle	Bart	Weimer	Vm: Anat Physio & Cell Biology	Using Exhaled Breath to Evaluate the Long-term Mechanisms of Early-life Arsenic Exposure
Edward	Schelegle	Fern	Tablin	Vm: Anat Physio & Cell Biology	Combined exposure to UFPM and O3: Pulmonary toxicity and sensory fiber activation in decreased HRV
Swee	Teh			Vm: Anat Physio & Cell Biology	Ecotoxicological Effects Of Microplastic And Absorbed Priority Pollutants In Aquatic Foodchains
Swee	Teh			Vm: Anat Physio & Cell Biology	Acute and Chronic Toxicity Testing of New Herbicides and Adjuvants on Delta Smelt, <i>Hypomesus transpacificus</i>
Swee	Teh			Vm: Anat Physio & Cell Biology	Studies Assessing Factors that Influence Spawning Migration Behavior and Reproductive Condition of Delta Smelt ( <i>Hypomesus transpacificus</i> ) in the Sacramento-San Joaquin Delta
Swee	Teh			Vm: Anat Physio & Cell Biology	Surface Water Ambient Monitoring Program (SWAMP)
Swee	Teh			Vm: Anat Physio & Cell Biology	The Acute and Chronic Toxicity on Early Life Stages of Delta Smelt ( <i>Hypomesus transpacificus</i> )--Endocrine Assay
Swee	Teh			Vm: Anat Physio & Cell Biology	EFFECTS OF 2015 DROUGHT ON MICROCYSTIS BLOOM AND DELTA SMELT HEALTH CONDITION
Swee	Teh			Vm: Anat Physio & Cell Biology	Flash-Freezing Field Sampling of Endangered Delta
Swee	Teh			Vm: Anat Physio & Cell Biology	Phytoplankton Herbicide LC50 Study
Swee	Teh			Vm: Anat Physio & Cell Biology	Impact of climate variability on surface water quality: cyanobacteria and contaminant
Swee	Teh			Vm: Anat Physio & Cell Biology	Toxicity Evaluation of Delta water in relation to outflow conditions and augmentation actions on Delta Smelt
Swee	Teh			Vm: Anat Physio & Cell Biology	Drivers of Delta Smelt health condition and reproduction
Swee	Teh			Vm: Anat Physio & Cell Biology	Drivers of Delta Smelt health condition and reproduction
Swee	Teh	Tien-Chieh	Hung	Vm: Anat Physio & Cell Biology	Determination of the refractory period between batch spawns for Delta Smelt
Swee	Teh			Vm: Anat Physio & Cell Biology	Evaluation of Cultured Delta Smelt Exposure to Contaminants from the Sacramento-San Joaquin River Delta
Swee	Teh			Vm: Anat Physio & Cell Biology	Project Title: Water Quality Monitoring at a Delta Integrator Site: Fish Health and Behavior (Tasks 1,3, and 5)
Smita	Iyer			Vm: Ctr Comparative Medicine	Role of female genital mucosa associated CD4 T cells in vaccine-induced HIV Susceptibility
Stephen	McSorley			Vm: Ctr Comparative Medicine	Salmonella-specific Th1 cell function and residence
Chris	Miller			Vm: Ctr Comparative Medicine	Estrogen reverses progesterin-mediated increases in susceptibility to genital virus pathogens
Chris	Miller			Vm: Ctr Comparative Medicine	Pan-influenza mRNA vaccine
Janet	Foley			Vm: Medicine & Epidemiology	Drought
Janet	Foley			Vm: Medicine & Epidemiology	Intervention to Stop an Epidemic of Sarcoptic Mange in San Joaquin Kit Foxes
Janet	Foley			Vm: Medicine & Epidemiology	Landscape and sustainability of threatened and endangered species in the Tecopa California wetlands translocation efforts
Janet	Foley			Vm: Medicine & Epidemiology	Development of plans for habitat enhancement and restoration supporting recovery of Amargosa vole
Pamela	Lein	Anthony	Wexler	Vm: Molecular Bio Sciences	Does Air Pollution Increase Risk of AD in a Genetically Susceptible Animal Model?
Michael	Ziccardi			Vm: One Health Institute	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2016
Michael	Ziccardi			Vm: One Health Institute	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2017
Michael	Ziccardi			Vm: One Health Institute	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2018
Alda	de Andrade e Pires			Vm: Pathology, Micro, & Immun	Multi-Regional Risk Analysis of Farm Use: Balancing Soil Health and Food Safety for Organic Fresh Produce Production
Karen	Shapiro			Vm: Pathology, Micro, & Immun	Interaction between microplastics and pathogen pollutants in marine ecosystems: Implications for seafood safety
C	Brown			Vm: Population Hlth & Reprod	A Sustainable Approach to High Confidence Metagenomics Analysis of Complex Samples
Alda	de Andrade e Pires			Vm: Population Hlth & Reprod	Needs Assessment to Characterize the Use of Soil Amendments and Microbial Food Safety Best Practices in Organic and Sustainable Agriculture

Alda	de Andrade e Pires	Richard	Pereira	Vm: Population Hlth & Reprod	Knowledge and Behaviors of Backyard Producers in Northern California Regarding Animal Health and Antimicrobial Use
Pramod	Pandey			Vm: Population Hlth & Reprod	Contract C1670803
Pramod	Pandey			Vm: Population Hlth & Reprod	2018 Technical Assistance Workshops for the AMMP
Pramod	Pandey			Vm: Population Hlth & Reprod	Alternative Manure Management Program Technical Assistance
Bart	Weimer	Alan	Bennett	Vm: Population Hlth & Reprod	A diazotrophic microbiome associated with maize reduces dependence on N fertilization
Michael	Ziccardi			Vm: Wildlife Health Center	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2015
Michael	Ziccardi			Vm: Wildlife Health Center	Oiled Wildlife Care Network - Research to Support the Effects of Oil on Wildlife FY 2019
Michael	Payne			West Inst Food Safety Security	CDQAP Support 2016: Environmental, Animal Care and FMD Outreach
Michael	Payne			West Inst Food Safety Security	CDQAP Support 2017: Environmental, Animal Care and Food Safety Outreach
Michael	Payne	Deanne	Meyer	West Inst Food Safety Security	CDQAP Support 2018: Environmental, Animal Care and Food Safety Outreach
Nelson	Dichter			Western Cooling Efficiency Ctr	ARBSCO - EnergyPlus Retrofit Engine
Curtis	Harrington			Western Cooling Efficiency Ctr	Aerosol Envelope Sealing of Existing Residences
Alan	Meier			Western Cooling Efficiency Ctr	The solar water alternatives project: Multi-disciplinary assessment of adoption and performance in California homes
Mark	Modera			Western Cooling Efficiency Ctr	Climate Appropriate Innovations for VRF Systems
Mark	Modera			Western Cooling Efficiency Ctr	Field testing of sub-wet-bulb evaporative chiller
Mark	Modera			Western Cooling Efficiency Ctr	Ventilation solutions for energy efficient California schools: Improving indoor air quality through advanced, high performance HVAC
Mark	Modera			Western Cooling Efficiency Ctr	Cost-contained optimization of energy efficiency for multifamily and commercial buildings
Mark	Modera			Western Cooling Efficiency Ctr	Automated Aerosol-Sealing of Building Envelopes
Mark	Modera			Western Cooling Efficiency Ctr	Climate Appropriate Innovations for VRF Systems
Mark	Modera			Western Cooling Efficiency Ctr	HVAC energy efficiency & demand reduction
Mark	Modera			Western Cooling Efficiency Ctr	Scaling IDSM retrofits for zero net energy communities
Mark	Modera			Western Cooling Efficiency Ctr	Air Movement Efficiency Monitor for Detection of In-situ Building and Duct Leakage: Phase II
Mark	Modera			Western Cooling Efficiency Ctr	Reduction of Cooling Energy Use and Demand in Northern Mexico no residenciales
Mark	Modera			Western Cooling Efficiency Ctr	Future Energy Enterprises LLC: Support for Electronic Technical Resource Manual
Mark	Modera			Western Cooling Efficiency Ctr	California Energy Product Evaluation (Cal-EPE) Hub
Vinod	Narayanan			Western Cooling Efficiency Ctr	Aerosol sealing in new construction
Vinod	Narayanan			Western Cooling Efficiency Ctr	Improving Water and Energy Efficiency in California's Dairy Industry
Vinod	Narayanan			Western Cooling Efficiency Ctr	Energy efficient HVAC packages for existing residential buildings
Vinod	Narayanan			Western Cooling Efficiency Ctr	Hybrid HVAC with Thermal Energy Storage R&D
Theresa	Pistochini			Western Cooling Efficiency Ctr	Clothes Dryer Automatic Termination Control: Testing of WCEC developed control on a residential electric dryer
David	Rapson			Western Cooling Efficiency Ctr	ANALYSIS OF IMPROVEMENTS IN ENERGY EFFICIENCY AND ENERGY CONSERVATION IN THE NON-RESIDENTIAL ELECTRICITY SECTOR
David	Vernon			Western Cooling Efficiency Ctr	Grid Integrated ZNE Communities (Customer-Centric Approach to Scaling IDSM Retrofits)
David	Vernon			Western Cooling Efficiency Ctr	DOE I-Corps Commercialization Training for Hybrid HVAC with Thermal Energy Storage
D	Anderson			Wildlife & Fisheries Biology	Integrating seabird distribution and abundance with oceanographic conditions: Comparing long-term data and current information to enhance marine spatial planning
Roger	Baldwin			Wildlife & Fisheries Biology	An assessment of secondary toxicity risk for 0.005% diphacinone treated grain via three application strategies for California ground squirrels
Louis	Botsford	Alan	Hastings	Wildlife & Fisheries Biology	Improving management under MLMA by accounting for effects of MLPA MPAs on fisheries
John	Eadie			Wildlife & Fisheries Biology	Assessment of the Body Condition of Diving Ducks in the Suisun Marsh.
Nann	Fangue			Wildlife & Fisheries Biology	Predator-prey dynamics in a changing ocean: Does life history influence the susceptibility of juvenile fishes to ocean acidification and hypoxia in nursery habitats?
Nann	Fangue			Wildlife & Fisheries Biology	Assessment of Temperature- and Nutritional-Dependent Physiological Processes in Larval Green and White Sturgeon
Nann	Fangue			Wildlife & Fisheries Biology	Investigations in Fisheries Ecology
Nann	Fangue	Andrew	Rypel	Wildlife & Fisheries Biology	Impact of Spatial and Temporal Dynamics of Water Flows on Migratory Behavior of Chinook Salmon Smolts in the South Delta
Daniel	Karp			Wildlife & Fisheries Biology	Can private land conservation mitigate the loss of tropical forest habitat?
Daniel	Karp			Wildlife & Fisheries Biology	How conflicting policies and supply chain pressure influence farmers' decisions and tradeoffs on biodiversity, profitability and sustainability
Douglas	Kelt			Wildlife & Fisheries Biology	LTREB: Climate change and community organization across three trophic levels: long-term research at a sentinel site in semiarid north-central Chile
Douglas	Kelt			Wildlife & Fisheries Biology	Salt Marsh Harvest Mouse, Suisun Marsh Tidal Restoration Telemetry Study
Douglas	Kelt			Wildlife & Fisheries Biology	LTREB Renewal: Climatic change and community organization across three trophic levels: long-term research at a sentinel site in semiarid north-central Chile
Andrew	Rypel			Wildlife & Fisheries Biology	Monitoring Juvenile Spring-Run Chinook in Response to Climate-Driven Flows in the San Joaquin River and South Delta
Andrew	Rypel			Wildlife & Fisheries Biology	Synchrony of native fish movements: synthesis science towards adaptive water management in the Central Valley