College	Department Name	Name	Involved in Sustainability Research?	Research Project Example	Major Sustainability Challenge (UN SDGs)
Manning School of Business	Marketing, Entrepreneurship and Innovation	Dunlap,Denise	v	FCOI: The Center for Advancing Point of Care in Heart, Lung, Blood and Sleep Diseases	Good health and well-being
Francis College of Engineering	Biomedical Engineering	Buchholz,Bryan O		RCR: FCOI: Occupational Health and Safety	
		Punnett,Laura	Υ	Training Grant FCOI: Center for the Promotion of Health in the	Decent work and economic growth
			Υ	New England Workplace (CPHNEW)	Decent work and economic growth
		Roelofs,Cora Ruth	Y	DIA Opioid Alternative Pathway Program Evaluation	Good health and well-being
		Xi,Jinxiang		Testing and Multi-scale modeling of IM Reusable	Cood moduli and non boing
			Υ	Masks with Optimal Fiber Matrix Configuration and Charge Loading	Responsible consumption and production
		Black,Bryan James		FCOI: hiPSC-based DRG Tissue Mimics on Multi-	
			N	well Microelectrode Arrays as a Tissue Chip Model of Acute and Chronic Nociception	
		Franco,Walfre	N	Only photons can do that	
		Ghezzi,Chiara Elia		Use of Subcutaneous Silk Scaffolds to Modulate the Interface between Skin and Percutaneous	
				Osse	
		Li,Yanfen	N N	Strip Away the Backlog	
	Chemical Engineering	Che,Fanglin		EAGER: Electrocatalysis Modulated by	
			Υ	Bifunctional Organic Monolayer: CO2 Reduction to C2	Climate action - GHG reduction
		de Almeida,Valmor		Design of a Commercial-Scale, Fluoride-Salt-	
			Υ	Cooled, High-Temperature Reactor with Novel Refueling and Decay Heat Removal Capabilities	Affordable and clean energy
		Galbraith,Shaun Colin	V	Building Cooperative Biomanufacturing	
		Aghara,Sukesh	T	Workforce Training Network  EV: Aggregating Detection Probabilities for	Decent work and economic growth
			N	Evaluating State-Level Objectives via Monte	
		Camci-Unal,Gulden	IN .	Carlo Techniques RES: Rapid Bio-Detection and Identification	
		Cu Thiyong	N	Multiplex System EV: AT2 - CLIN 0043 - Electronic Textiles	
		Gu,Zhiyong		Platform for Physiological Monitoring, Sensing,	
		Lawton,Carl W.	N N	Data, and Power Momt Entegris: Filtration Equipment Testing	
		Xie,Dongming	IN .	E. coli fermentation Optimization and	
			N	Recombinant VHH Protein Production 2020-37: Transcriptomic Studies Coupled with	
		Yoon,Seongkyu		Medium Optimization to Address the "Bottleneck"	
			N	in the Cellular Physiology for AAV Production	
	Civil and Environmental Engineering	Chen,Danjue		A UAS Network for Transportation Emergency	
		Faraji,Susan	Y	Response Base Project 3.7 - Behavior, Analysis and Design	Sustainable cities and communities
			Υ	of Integral Abutment	Industry, innovation and infrastructure
		Kurup,Pradeep U.		EV: MN10-P3 - CLIN 0037 - Voltammetric Sensor System for the Detection of Toxic Metals and	
		2	Υ	Organics in Water	Life below water - pollution prevention
		Pagsuyoin,Sheree		RCR: FCOI: CAREER: Environmental Fate and Ecosystem Impacts of Drugs of Abuse in	
		Xie,Yuanchang	Υ	Receiving Waters (INTERN Funding) Developing Massachusetts Specific Trip	Life below water - pollution prevention
		-	Υ	Generation Models for Land Use Projects	Sustainable cities and communities
		Yan,Weile	Υ	Chemically Enhanced Electrodialysis for Recovery of Rare Earth Elements	Life on land - pollution prevention
		Yu,Tzu-Yang		C.11 - Development of a system-level distributed	
				sensing technique for long-term monitoring of concrete and composite bridges. Research Thrust	
		7h Vissai	Υ	Area: Thrust # 1	Industry, innovation and infrastructure
		Zhang,Xiaoqi	Υ	Implementation of the Statewide Sampling for PFAS Contaminants in Drinking Water	Life below water - pollution prevention
		Stamatiadis, Polichronis		Multisource Data Fusion for Real-Time and	
			N	Accurate Traffic Incident Detection via Predictive Analytics	
	College of Engineering	Mead,Joey L.	Y	RES: Environmental-Friendly Superhydrophobic	Responsible consumption and production
		Chandra,Kavitha		Coating Development RCR: Collaborative Research: IGE: Graduate	1.00po.lololo consumption and production
			N	Education in Cyber-Physical Systems Engineering	
	Electrical and Computer Engineering	Lin,Yuzhang		B1-20 - Navy Research Collaboration on Energy	A
			Υ	Resiliency	Affordable and clean energy

			Income in the second	
	Lu,Xuejun	Y	RES: Wireless High Temperature Sensor	Affordable and clean energy
	Wang,Xingwei		Network for smart boiler systems  Base Project 1.5 - Distributed Sensing Textile for	, moraable and diean energy
		Υ	Bridge Monitoring	Industry, innovation and infrastructure
	Akyurtlu,Alkim	N	Task 1 and 2 - 2021 IRAD Engineering Services	
	Armiento,Craig	N	RES: Maritime Targeting Cell-Afloat	
	Chigan,Chunxiao		RCR: CCSS: Collaborative Research: Intelligent	
		N	Full-Duplex Cognitive Radio Networks for	
	Dutta,Joyita	N .	Pervasive Heterogeneous Wireless Networking Super-Resolution Tau PET Imaging for	
	,,	N	Alzheimer's Disease	
	Prasad,Kanti		Design Simulation with Exhaustive Testing of	
		N	MMIC Transceiver Chipset using RF-ECAD	
	Robinette,Paul Michael	N .	deployable in 5G Mobile Communications Individualized Adaptations to Calibrate Multi-	
	,	N	Human Multi-Agent Team Trust	
	Shemelya,Corey Michael		Characterization of Thin-Film, RF Material	
	Con Coung Was	N	Systems RCR: CAREER: Reliable and Efficient Data	
	Son,Seung Woo		Encoding for Extreme-Scale Simulation and	
		N	Analysis	
	Strack,Guinevere Marie		Exhibit A - Conductive Inks for Aerosol Ink Jet	
	Valdanaa Viirad Mandanaa	N	Printing	
	Vokkarane,Vinod Mandayam	N	RCR: CNS Core: Small: Flexible Spectrum Allocation in Next-Generation Optical Networks	
	Weitzen,Jay A	N	e-Loran for use in timing and navigation (SBIR)	
	Wickramarathne,Dodampege Thanuka Lakmal		Opportunistic Sensing, Data Fusion, Vehicular	
	- 1 0		Traffic Modeling, and Security using 5G Cellular	
	76	N	Networks (CRIR)	
Machanical Engineerin-	Zhang,Hualiang	N	Compact LWIR Hyperspectral Imager (SBIR)	
Mechanical Engineering	Agar,Ertan		RES: Manufacturing of Fabric Electrodes using a High-Throughput Screening Platform for Redox	
		Υ	Flow Batteries	Affordable and clean energy
	Hansen, Christopher J		Creating the Next Generation Offshore Wind	
		V	Workforce: Teaming with Industry to Fill Skills	Affordable and clean energy
	Inalpolat,Murat	T	Gaps of MA Workforce Development of an Acoustics-based Automated	Allordable and clean energy
	mapolat, marat		Offshore Wind Turbine Blade Structural Health	
		Υ	Monitoring System	Affordable and clean energy
	Kosny,Jan	v	E3-20 - Navy Research Collaboration on Energy	Affordable and clean energy
	Mack, John Hunter	T	Resiliency G1-20 - Navy Research Collaboration on Energy	Allordable and clean energy
	masi, som Hamer	Υ	Resiliency	Affordable and clean energy
	Mao,Zhu		Base Project 3.8 - Bridge Modal Identification via	
		v	Image Processing and Quantification of	Industry, innovation and infrastructure
	Niezrecki,Christopher		Uncertainties RCR: Phase II IUCRC University of	industry, innovation and innastructure
			Massachusetts Lowell: Center for Wind Energy	
			Science, Technology and Research (WindSTAR)	A
	Sabato, Alessandro	Y	C1-20: Navy Research Collaboration on Energy	Affordable and clean energy
	Sabato, Alessandro	Y	Resiliency	Affordable and clean energy
	Sun,Hongwei		F4-20 - Navy Research Collaboration on Energy	
		Υ	Resiliency	Affordable and clean energy
	Van Dam,Noah Edwin	Υ	G4-20 - Navy Research Collaboration on Energy Resiliency	Affordable and clean energy
	Amirkhizi,Alireza Vakil		Enhanced Source Localization using Optimally	
			Designed Metamaterials and Advanced Machine	
	Authorita Datas	N	Learning for Underwater Applications	
	Avitabile,Peter	N	Experimental Investigations to Characterize "822" Roadbed Configuration	
	Chen,Lei		A universal and 3D-printed rat calvarium	
			replacement system to enable for pan-cortical	
	0	N	and sub-cortical recordings and optogenetics	
	Gu,Yan		CAREER: A Hybrid Filtering and Robust Control Framework for Legged Robot Locomotion on	
		N	Dynamic Rigid Surfaces	
	Jerath,Kshitij		Neural Network Models of Competency Status To	
	lia Vinfana	N	Enhance Human-Agent Team Performance	
	Jin,Xinfang		RES: A Multifunctional Isostructural Bilayer Oxygen Evolution Electrode for Durable	
			Intermediate-Temperature Electrochemical Water	
		N	Splitting	
	Maiaru,Marianna	N	Physics-Based Process Modeling for High	
		IN	Temperature and High Strength Composites	

		Sherwood, James A.	N	Study of Baseball Compliance and Specifications	
		Stapleton,Scott Edward		Multi-Scale models based on Machine Learning	
		Trelles,Juan Pablo	N	and a Fiber Network Model  EV: CLIN 109 - MN22 - Hydrogen Production	
		Trelles,Juan Pablo	N	from Solid Waste via Non-Thermal Plasma	
	Plastics Engineering	Chen,Wan-Ting		WRIP FY20: Microplastic Pollution in Freshwater	
			Υ	Systems: Impacts of Biofilm Formation on Microplastic Surfaces	Life below water - pollution prevention
		Nagarajan,Ramaswamy	v	Photovoltaic Energy Harvesting Textiles for	Affordable and clean energy
		Park,Jay Hoon	1	Homeland Security Ensembles 2021 M2I2 Award: Development of Alternative	Allordable and clean energy
		r antoay rissii		Filtration Media for Personal Protective	
			Υ	Equipment	Responsible consumption and production
		Sobkowicz Kline,Margaret J	Υ	RES: Bioconversion of Heterogeneous Polyester Wastes to High Value Chemical Products	Life on land - pollution prevention
		Ameli,Aboutaleb	N	Commercialization Gap Fund, 2020- Zhang	
		Barry, Carol M.F.		Injection molding of test specimens and	
			N	characterization of the mechanical properties for materials	
		Budhlall,Bridgette		Antimicrobial, Anti-fouling, Antioxidative, Anti UV	
			N	Properties of Plastic nanocomposites and	
		Johnston,Stephen P.	N N	Coatings CIM IRAD 2020	
		Masato, Davide	N N	Small scale thermoforming characterization	
		Peterson,Amy Michelle		Gradient, Large Scale Additively Manufactured	
			N	Ceramic Structures	
College of Fine Arts, Humanities and Social Sciences	College of Fine Arts, Humanities and Social Sciences	Toof,Robin	Υ	Re-Imagining Broadway-Crime Reduction Project	Sustainable cities and communities
ana Sesiai Seienese		Kim,Sue J.		Resilience and Renaissance: Southeast Asian	
	0.1.1.151		N	American Community Organizations	
	School of Education	Angulo,AJ		Preparing Transformative Teacher Leaders for Excellence in Gender Equity, Global Exchange,	
			Υ	and Mutual Understanding	Gender equality
		Lohmeier, Jill	V	USED Full Service Community Schools Grant	Overlike and overtices
		Lustick,Hilary Alissa	Y	Program Evaluator For Lowell Public Schools Esperanza Academy Program Evaluation	Quality education
			N N		
	Economics	Schneider,Jack Edward Turcotte,David	N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿,	
		Schneider,Jack Edward Turcotte,David	N N Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X)	Good health and well-being
	Economics English	Schneider,Jack Edward	N N Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing,	Good health and well-being
		Schneider,Jack Edward Turcotte,David	N N Y N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X)	Good health and well-being
	English	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson	N N Y N	NEA Partnership Reducing Older Adult Asthma Disparities ; Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family	
	English History Music	Schneider,Jack Edward Turcotte,David Flowers,Katherine Stinson Forrant,Robert Johnson-Green,Elissa Ann	N N Y N N N Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA	Good health and well-being  Reduced inequalities
	English History	Schneider,Jack Edward Turcotte,David Flowers,Katherine Stinson Forrant,Robert	N N Y N N Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scalinq, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the	
	English History Music Philosophy	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig	N N Y N N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements	Reduced inequalities
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John	N N Y N N Y Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission	
	English History Music Philosophy	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig	N N Y N N N Y Y V Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements	Reduced inequalities
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John	N N Y N N Y Y Y Y Y Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An	Reduced inequalities  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A.	N N Y N N Y Y Y Y Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White	Reduced inequalities  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A.	N N Y N N V Y Y Y Y Y	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scalinq, and Resisting Lanquage Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael	N N Y N N N N Y Y N N Y N N Y Y N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI)	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J.	N N Y N N N N Y Y N N Y N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin	N N Y N N N Y Y Y N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAD-X)  Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project  The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injuries	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J.	N N Y N N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell. MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injuries CAREER: A system of pleas: Using a role-playing	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin	N N Y N N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAD-X)  Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project  The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA  The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injures CAREER: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin Stearns, Miko Maria	N N Y N N Y Y Y N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injury (TBI) CAREER: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor Mixture Modeling: Selection of Covariates to	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science Psychology	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin Stearns, Miko Maria Wang, Yan	N N Y Y N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAD-X)  Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project  The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA  The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injures CAREER: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor	Reduced inequalities  Climate action  Climate action
	English History Music Philosophy Political Science	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin Stearns, Miko Maria	N N N N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injuries CAREEF: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor Mixture Modeling: Selection of Covariates to Predict Population Heterogeneity Local Action Research Partner for the Shannon Community Safety Initiative: Lawrence site -	Reduced inequalities  Climate action  Climate action  Reduced inequalities
	English History Music Philosophy Political Science Psychology	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin Stearns, Miko Maria Wang, Yan	N N N N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injuries CAREER: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor Mixture Modeling: Selection of Covariates to Predict Population Heterogeneity Local Action Research Partner for the Shannon	Reduced inequalities  Climate action  Climate action  Reduced inequalities  Sustainable cities and communities
	English History Music Philosophy Political Science Psychology	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin Stearns, Miko Maria Wang, Yan Harris, Christopher J. Zhang, Sheldon Xiaodong	N N Y Y N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Lanquage Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injures CAREEF: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor Mixture Modeling: Selection of Covariates to Predict Population Heterogeneity Local Action Research Partner for the Shannon Community Safety Initiative: Lawrence site - FY2021 An Exploratory Study of Labor Trafficking among U.S. Citizen Victims	Reduced inequalities  Climate action  Climate action  Reduced inequalities
	English History Music Philosophy Political Science Psychology	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin Stearns, Miko Maria Wang, Yan Harris, Christopher J.	N N Y N N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAD-X)  Making the English-Only Movement: Writing, Scaling, and Resisting Language Policy Lowell National Historical Park Research Project  The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injuries CAREER: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor Mixture Modeling: Selection of Covariates to Predict Population Heterogeneity Local Action Research Partner for the Shannon Community Safety Initiative: Lawrence site - FY2021 An Exploratory Study of Labor Trafficking among U.S. Citizen Victims Coordinated Tribal Assistance Program Survey	Reduced inequalities  Climate action  Climate action  Reduced inequalities  Sustainable cities and communities
	English History Music Philosophy Political Science Psychology	Schneider, Jack Edward Turcotte, David Flowers, Katherine Stinson Forrant, Robert Johnson-Green, Elissa Ann Evans, Nicholas Greig Cluverius, John Bond, Meg A. Lawrence, Jason S. Balsis, Stephen Michael Hillier, Ashleigh J. Shen, Jiabin Stearns, Miko Maria Wang, Yan Harris, Christopher J. Zhang, Sheldon Xiaodong	N N Y N N N N N N N N N N N N N N N N N	NEA Partnership Reducing Older Adult Asthma Disparities ¿ Extension (ROAAD-X) Making the English-Only Movement: Writing, Scaling, and Resisting Lanquage Policy Lowell National Historical Park Research Project The EcoSonic Playground Project at NFI Family Resource Center in Lowell, MA The Ethics of Warfighter Participation in the Development and Testing of Al-Driven Performance Enhancements Survey for Cape Cod Commission Climate Assessment: Massachusetts State Senate How are Biracial People Stereotyped? An Exploration of What It Means to Be Black and White Improving Patient Classification and Outcome Measurement in Traumatic Brain Injury (TBI) Concentration in Developmental Disabilities Virtual Reality-based Rehabilitation for Children with Traumatic Brain Injures CAREEF: A system of pleas: Using a role-playing simulation to test plea decision models Incorporating Machine Learning into Factor Mixture Modeling: Selection of Covariates to Predict Population Heterogeneity Local Action Research Partner for the Shannon Community Safety Initiative: Lawrence site - FY2021 An Exploratory Study of Labor Trafficking among U.S. Citizen Victims	Reduced inequalities  Climate action  Climate action  Reduced inequalities  Sustainable cities and communities

		Perliger,Arie Leon		Characterizing and Preventing Domestic	
			N	Terrorism: A Mixed-Methods Study of Five Far- Right Terrorist Groups	
		Shields,Ryan	N	The MA Children's Alliance Evaluation Project	
		Shortland.Neil David	N	NIJ Research Assistantship	
	Tsongas Industrial History Center (TIHC)	Kirschbaum,Sheila L.	N V	Mass Cultural Council Organizational Support	December of constitution of the constitution o
7 1 1 0 1 (11 11			Y		Decent work and economic growth
Zuckerberg College of Health	Biomedical and Nutritional Sciences	Feldeisen,Sabrina Noel	v	DyeWorks and East Island transformative	Sustainable cities and communities
Sciences		Kim,Jonghan	T	neighborhood development project FCOI: Nanochelation-Based Theranostics for	Sustainable cities and communities
		Kiiri, Jorigilari	N	Alzheimer Disease	
		Mangano,Kelsey McKee	<u>"</u>	FCOI: The role of dietary titanium dioxide on the	
		Wangano, reisely Worked	N	human gut microbiome and health	
		Tucker,Katherine Louise	N	ASN	
		Zhang,Boce	**	Nanopore Phylogenetic and Phylotranscriptomic	
		2.14.19,2000		Analysis of Oral Microbiome for COVID-19	
			N	Diagnostic Assay	
	College of Health Sciences	Bello,Dhimiter		FCOI: Reactive Chemical Systems in	
				Construction: Part B - Developing data-driven	
			Υ	interventions	Good health and well-being
		Hartmann,Christine		FCOI: Enhancing Sleep Quality for Nursing Home	
				Residents with Dementia: Pragmatic Trial of an	
			N	Evidence-Based Frontline Huddling Program	
	Department of Public Health	Hannin Delly	IN	Integrating Environment into Cancer Prevention in	
	Department of Public Health	Hoppin,Polly	v		Good health and well-being
		Kriebel, David		Southwestern Pennsylvania Support in the Development of Conklin Office	Cood ricular and wen being
		Kilebel, David	y	Furniture's Environmental Management System	Life on land - pollution prevention
		Li,Wenjun		FCOI: Neighborhood Risk Factors for Falls in the	Ziro di italia politazioni provonacii
		2,,,,,,,,,,	Υ	Elderly	Good health and well-being
		Quinn,Margaret M.		FCOI: Safety and Health for Home Care Aides in	
		- ,		Healthcare and Social Assistance: The Safe	
			Υ	Home Care Intervention Study	Good health and well-being
		Rajabiun,Serena		Integrating Community Health Workers as part of	
				the HIV Care team in rural and urban settings to	
				improve viral suppression in Shelby County TN	
			Y		Good health and well-being
		Tickner,Joel	Υ	GC3: Green Chemistry & Commerce Council	Life on land - pollution prevention
		Woskie,Susan		FCOI: Impact of Open Burn Pit Exposure on	
			v.	Respiratory and Cardiovascular Health among	O d b 14b d 11 b - i
			Y	Military Veterans	Good health and well-being
		Morose,Gregory	N	Evaluation of Applications Using Methylene Cloride and 1-Bromopropane	
		Palacios,Natalia	N	The Gut Micobiome in Parkinson Disease	
			IN		
		Walter,Angela Wangari		FCOI: Implementation and Dissemination of 'Gabby,' a Health Information Technology (HIT)	
				System for Young Women, into Community-	
			N	Based Clinical Sites	
	Labor Education	Pellerito,Elizabeth Mary	y	Unions and Technological Change	Decent work and economic growth
	Physical Therapy	Gauthier,Lynne Vonda	N N	OSU Peer Review	Decent work and economic growth
	Thysical Therapy	Kao,Pei-Chun	IV	EV: CLIN 104 - EX6 - Characterizing human	
		Nao, Fel-Oliuli		adaptation and performance of soldier-relevant	
			N	tasks while wearing exoskeletons	
		Swartz.Erik E		Reducing Head Impact Exposure in Hawaiian	
				Football Players and Enhancing Community	
			N	Awareness and Environment for Head-Safety	
		Wu,Yi-Ning		EV: CLIN 103 - EX5 - Mitigating impacts of	
				explosive ordnance disposal (EOD) bomb suits	
				on wearer performance via exoskeleton	
	0.1	ISLOUM	IN	integration	
	School of Nursing	El Ghaziri,Mazen		FCOI: Development of Evidence Informed	
				Learning Resources for the Reduction of Staff	
			Y	Trauma and Organizational Stress in Prison and	Decent work and economic growth
		Enah,Comfort		Jail Settings FCOI: Medical Information Service via mobile	2 555 Work and Coondine growth
		Liidii, Ooliiloit		Telephone (m-MIST TM) Provider Support to	
			Υ	Improve Pregnancy Outcomes	Good health and well-being
		Zhang,Yuan		FCOI: Treatment of Circadian Disruption from	
		g, , aa	N	Shiftwork in Older Adults	
Kennedy College of Sciences	Biological Science	Fish,Jennifer Leslie		FCOI: Cellular mechanisms underlying Fgf8-	
Kennedy College of Sciences	Biological Science	Fish,Jennifer Leslie		FCOI: Cellular mechanisms underlying Fgf8- mediated asymmetry of the pharyngeal endoderm	

	Gaines,Peter C.		EV: Optimizing in vitro Cell Models of Injured	
			Muscle and Immune Tissues: A New Tool to	
			Identify Nutritional Interventions to Improve	
		N		
	II. II. Bil	IN	Muscle Repair	
	Hochberg,Rick		RCR: Collaborative Research: Life cycle evolution	
			in Rotifera: The influence of sexual reproduction	
			on contemporary systematics of Monogononta	
		N		
	Moore, Jeffrey Robert		Revealing Pathomechanisms of Mutant TPM1	
	Woole, Jelliey Robert			
			Through a Hybrid Computational-Experimental	
		N	Approach	
	Steinel, Natalie Christina	N	Fish (microbes) and chips	
	Sundar,SaiLavanyaa		Biophysical characterization of cardiomyopathy-	
	Sundar, SaiLavanyaa			
			linked mutations of the tropomyosin overlap	
		N	domain	
Chemistry	Gkikas,Emmanouil		Breast Cancer Detection Empowered by Contrast	
			Agents, Spectral CT, and Machine Learning	
		Y	rigente, epocial or, and macrimo zoaning	Good health and well-being
	Dana Mishael Danadan	·	CO OO News Beesenh Cellebensties on Francis	Cood House and Won Doing
	Ross,Michael Brendan	v.	G2-20 - Navy Research Collaboration on Energy	A #
		Y	Resiliency	Affordable and clean energy
	Ryan,David K		Safe and Efficient On-Demand Hydrogen	
	•		Production by Catalytic Splitting of Water at Low	
			Temperatures Using Nano-Structured Cobalt	
		V	remperatures using Nano-Structured Cobait	Affordable and clean anarmy
		'		Affordable and clean energy
	Barsegov, Valeri		Mechanisms of mechano-chemical rupture of	
		N	fibrin clots and thrombi	
	Reuther, James Fredrick		CLIN 110 - MN23 - Oxime-Modified Activated	
		M	Carbon Composites for Adsorption and	
		IV	Detoxification of Nerve Agents	
	Sun,Yuyu		Rechargeable Infection-responsive Anticandidal	
		N	Denture Materials	
	Xu,Jin	N	LC-MS Analysis of AAV Capsid Proteins	
0.11		IN .		
College of Sciences	Martin,Fred		RCR: Collaborative Research: CS Pathways	
			RPP: A District Ownership-based Approach to	
		N	Middle School Computer Science	
	Yu,Hong		FCOI: Improving Suicide Prediction using NLP-	
	i u,i iong	v		Good health and well-being
	= >0	•	derived Social Determinants of Health	Good fleatilf and well-being
	Fu,Xinwen		Hosting a GenCyber Student Camp at UMass	
		N	Lowell	
	Liu,Weisong	N	IPA	
	Norton,Adam		FCOI: Standardization of Test Methods for	
	INOROH,Adam			
	·		Evaluating Response Robot Mobility and	
		N	Dexterity	
	Pourkamali Anaraki,Farhad	N	Dexterity	
		N	Dexterity SUBCLIN104: Data science approaches to	
		N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive	
	Pourkamali Anaraki,Farhad	N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing	
		N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified	
	Pourkamali Anaraki,Farhad Rumshisky,Anna	N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text	
	Pourkamali Anaraki,Farhad	N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified	
invironmental Earth and Atmospheric	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly	N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account	
	Pourkamali Anaraki,Farhad Rumshisky,Anna	N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between	Climate action
	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew	N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U	Climate action
	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly	N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between	Climate action
	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew	N N N N Y	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active	Climate action
Sciences	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.	N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles	Climate action
Environmental, Earth and Atmospheric Sciences Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew	N N N N Y	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some	Climate action
Sciences	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.	N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating	Climate action
Sciences	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R. Cho,Min Hyung	N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models	Climate action
Sciences	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.	N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturinn CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of	Climate action
Sciences	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R. Cho,Min Hyung	N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturinn CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of	Climate action
Sciences	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew  Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin	Climate action
Sciences	Pourkamali Anaraki,Farhad Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R. Cho,Min Hyung	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing. CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew  Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris  Guha,Nilabja	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturinn CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity. Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew  Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris Guha,Nilabja  Beaudoin,Christopher Joseph	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for Small Satellites (GRITSS)	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew  Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris  Guha,Nilabja	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris Guha,Nilabja  Beaudoin,Christopher Joseph	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturinn CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity. Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for Small Satellites (GRITSS) Planetary Imaging Concept Testbed Using a	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris Guha,Nilabja  Beaudoin,Christopher Joseph	N N N N N N N N N N N N N N N N N N N	Dexterity  SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing  CAREER: Developing an Underspecified Representation for Temporal Information in Text  NERVE Center Income Account  Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles  RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models  X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin  RCR: New Directions in Bayesian Change-point Analysis  Geodetic Reference Instrument Transponder for Small Satellites (GRITSS)  Planetary Imaging Concept Testbed Using a Recoverable Experiment - Coronagraph	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris Guha,Nilabja  Beaudoin,Christopher Joseph  Chakrabarti,Supriya	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for Small Satellites (GRITSS) Planetary Imaging Concept Testbed Using a Recoverable Experiment - Coronagraph (PICTURE-C)	Climate action
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris Guha,Nilabja  Beaudoin,Christopher Joseph	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturinn CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for Small Satellites (GRITSS) Planetary Imaging Concept Testbed Using a Recoverable Experiment - Coronagraph (PICTURE-C) State-of-the-art Gamma-ray Spectroscopy to	Climate action
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Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna Yanco,Holly Barlow,Mathew Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris Guha,Nilabja Beaudoin,Christopher Joseph Chakrabarti,Supriya  Chowdhury,Partha	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing. CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for Small Satellites (GRITSS) Planetary Imaging Concept Testbed Using a Recoverable Experiment - Coronagraph (PICTURE-C) State-of-the-art Gamma-ray Spectroscopy to enhance the ENSDF Database for use in Medical Isotope Science The Living, Breathing Planet RES: Dynamic and Coupling Processes in the	
Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew  Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris  Guha,Nilabja  Beaudoin,Christopher Joseph  Chakrabarti,Supriya  Chowdhury,Partha  Cohen,Ofer	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for Small Satellites (GRITSS) Planetary Imaging Concept Testbed Using a Recoverable Experiment - Coronagraph (PICTURE-C) State-of-the-art Gamma-ray Spectroscopy to enhance the ENSDF Database for use in Medical Isotope Science The Living, Breathing Planet RES: Dynamic and Coupling Processes in the Mid-Latitude and Equatorial Thermosphere and	Climate action
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Sciences  Mathematical Science	Pourkamali Anaraki,Farhad  Rumshisky,Anna  Yanco,Holly  Barlow,Mathew  Gamache,Robert R.  Cho,Min Hyung  Christodoulou,Dimitris  Guha,Nilabja  Beaudoin,Christopher Joseph  Chakrabarti,Supriya  Chowdhury,Partha  Cohen,Ofer	N N N N N N N N N N N N N N N N N N N	Dexterity SUBCLIN104: Data science approaches to advance high solids loading additive manufacturing CAREER: Developing an Underspecified Representation for Temporal Information in Text NERVE Center Income Account Observed and modeled interactions between droughts and heat waves for the Northeast U I-Corps: Reducing the Threat from Active Shooters Using Miniature Air Vehicles RCR: Collaborative Research: On Some Fundamental Computational Issues in Simulating Interaction Models X-ray Pulsars across the Parameter Space of Luminosity, Accretion Rate and Spin RCR: New Directions in Bayesian Change-point Analysis Geodetic Reference Instrument Transponder for Small Satellites (GRITSS) Planetary Imaging Concept Testbed Using a Recoverable Experiment - Coronagraph (PICTURE-C) State-of-the-art Gamma-ray Spectroscopy to enhance the ENSDF Database for use in Medical Isotope Science The Living, Breathing Planet RES: Dynamic and Coupling Processes in the Mid-Latitude and Equatorial Thermosphere and	Climate action

		Jandel,Marian		Equipment Upgrades at University of	
				Massachusetts Lowell Research Reactor	
				(UMLRR) to enable neutron-induced reaction	
			N	research.	
		Kamal, Archana		RCR: CAREER: Entanglement engineering in	
		·	N	dissipation-driven quantum systems	
		Kumar, Jayant		EV: CLIN 112 - MN25 - Development of flexible	
				power storage device and connectors for	
			Υ	wearable electronics Affordable and clean energy	
		Laycock, Silas		Automating Schueller Observatory for the COVID	
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		Podolskiy, Viktor		RCR: Collaborative research: Mid-IR Photonic	
		,,		Funnels: Coupling, emitting, and re-shaping mid-	
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		Rogers, Andrew Michael	N	Gamma and Proton Testing of Optical Samples	
		Sajo,Erno		Support of WisperCAM Radiation Detector	
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		Song,Paul		RES: EV: VLF Transmitter (TNT) / WIPER: Pre-	
		oong, aa	N	Launch, Launch, and Post Launch Support	
		Tries,Mark A.		Faculty Development Program for Health Physics	
				and Nuclear Engineering at the University of	
			N	Massachusetts Lowell	
		Tu,Jiannan		Tracing the Height-dependence of Upward	
		,	N	Acceleration in Ion Outflow	
		Yaroslavsky, Anna		Integrating Sphere Spectrophotometry and	
		**	N	Optimization of Laser Parameters	
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	,	Montesalvo,Mary A		Displacement Damage Dose Testing for Draper	
		Workesalve, Wary 70	N	Labs	
University	University	O'Donnell.Thomas J	N	RCR: Type I: Mass-I-Corps at UMass Lowell	
S.i.ve.exy	o.m.o.o.cy	McSwain, Matthew	IN .	University of Massachusetts Lowell Research	
		Wicowaii i, Watti iew		Institute Department of Defense Emerging	
			N	Technology Hub	
		Donohoe, Kerry F.	<u>"</u>	RCR: Urban Massachusetts Louis Stokes Alliance	
		Dononoe, Kerry 1 .		for Minority Participation Mid-Level Program	
			v	(UMLSAMP) Reduced inequalities	
		Moloney, Jacqueline	· ·	RCR: ADVANCE: Institutional Transformation:	
		woodiey, Jacquelli le		Making WAVES: Disrupting Microaggressions to	
			Υ	Propagate Institutional Transformation Reduced inequalities	
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		Chen.Julie	N	MERT 2.0 - MA PPE Manufacturing	
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		Tello,Steven F.	N	University of Massachusetts Innovation Venture	
			IN	Fund - FY21	