

Boston University's FY2021 Research Inventory
AC-9 Research and Scholarship

22 Unique Departments
43 Unique Researchers

Department or Program	Name(s)	Research Title	Pub. Date
ARTS AND SCIENCES (CAS/GRS) EARTH & ENVIRONMENT	Kaufmann, Robert / Gopal, Sucharita	Feedbacks among electric vehicle adoption, charging, and the cost and installation of rooftop solar	21-Feb
ARTS AND SCIENCES (CAS/GRS) EARTH & ENVIRONMENT	Kaufmann, Robert	Evidence of air quality data misreporting in China: An impulse indicator saturation model comparison of local government-reported and U.S. embassy-reported PM2.5 concentrations (2015-2017),	21-Apr
ARTS AND SCIENCES (CAS/GRS) ANTHROPOLOGY	Marston, John	Agricultural practices at Bronze Age Kaymakçı, western Anatolia	21-Apr
ARTS AND SCIENCES (CAS/GRS) ANTHROPOLOGY	Marston, John / Kováčik, Peter	Agropastoral economies and land use in Bronze Age western Anatolia.	21-May
SCHOOL OF MEDICINE (MED) BIOCHEMISTRY & CELL BIOLOGY / SCHOOL OF MEDICINE (MED) PATHOLOGY & LABORATORY MEDICINE / SCHOOL OF MEDICINE (MED) MEDICINE / SCHOOL OF MEDICINE (MED)	Xia, Chaoshuang / Olejnik, Judith / Muhlberger, Elke / Costello, Catherine E. / Rahimi, Nader / Chandler, Kevin Brown / Amraei, Razie / Yin, Wenqing	CD209L/L-SIGN and CD209/DC-SIGN act as receptors for SARS-CoV-2 and are differentially expressed in lung and kidney epithelial and endothelial cells	21-Jun
ARTS AND SCIENCES (CAS/GRS) BIOLOGY	Policelli, Nahuel / Bhatnagar, Jennifer M.	Back to Roots: The Role of Ectomycorrhizal Fungi in Boreal and Temperate Forest Restoration	20-Aug
FREDERICK S. PARDEE SCHOOL OF GLOBAL STUDIES	Selin, Henrik	Mercury Stories: Understanding Sustainability through a Volatile Element	20-Oct
FREDERICK S. PARDEE SCHOOL OF GLOBAL STUDIES	Selin, Henrik / Dunn, Rebecca	Mitigation of CO2 Emissions From International Shipping Through National Allocation	21-Mar
FREDERICK S. PARDEE SCHOOL OF GLOBAL STUDIES	Selin, Henrik	We Need a Global Science-Policy Body on Chemicals and Waste: Major Gaps in Current Efforts Limit Policy Responses	21-Feb
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH	Levy, Jonathan I.	Accounting for Health Risk Inequality in Regulatory Impact Analysis: Barriers and Opportunities	21-Feb
SCHOOL OF PUBLIC HEALTH (SPH) ENVIRONMENTAL HEALTH	Levy, Jonathan I.	Spatiotemporal variations in traffic activity and their influence on air pollution levels in communities near highways	20-Dec
ARTS AND SCIENCES (CAS/GRS) ECONOMICS	Perron, Pierre	Spatial Variations in the Warming Trend and the Transition to More Severe Weather in Midaltitudes	21-Jan
ARTS AND SCIENCES (CAS/GRS) ECONOMICS	Perron, Pierre	Anthropogenic Influence in Observed Regional Warming Trends and the Implied Social Time of Emergence	21-Feb
QUESTROM SCHOOL OF BUSINESS (QST) MARKETING	Trudel, Remi	Understanding How Sustainability Initiatives Fail: A Framework to Aid Design of Effective Interventions	20-Dec
QUESTROM SCHOOL OF BUSINESS (QST) MARKETING	Trudel, Remi / Longoni, Chiara / Tari, Anna	Transparent Green Practices Boost Perceptions of Price Fairness	20-Oct
FACULTY OF COMPUTING & DATA SCIENCES (CDS) / COLLEGE OF ENGINEERING (ENG) ELECTRICAL & COMPUTER ENGINEERING	Paschalidis, Ioannis / Coskun, Ayse Kivilcim / Zhang, Yijia / Wilson, Daniel Curtis	HPC Data Center Participation in Demand Response: an Adaptive Policy with QoS Assurance	21-May
FACULTY OF COMPUTING & DATA SCIENCES (CDS) / COLLEGE OF ENGINEERING (ENG) ELECTRICAL & COMPUTER ENGINEERING	Paschalidis, Ioannis / Coskun, Ayse Kivilcim / Zhang, Yijia / Wilson, Daniel Curtis	A Data Center Demand Response Policy for Real-World Workload Scenarios in HPC	21-Feb
FACULTY OF COMPUTING & DATA SCIENCES (CDS) / COLLEGE OF ENGINEERING (ENG) ELECTRICAL & COMPUTER ENGINEERING	Paschalidis, Ioannis / Coskun, Ayse Kivilcim / Tsiligkaridis, Athanasios	Coordinated Demand Response By Data Centers Using Inverse Optimization	20-Nov
ARTS AND SCIENCES (CAS/GRS) EARTH & ENVIRONMENT	Woodcock, Curtis E. / Bullock, Eric L.	Carbon loss and removal due to forest disturbance and regeneration in the Amazon	21-Apr
ARTS AND SCIENCES (CAS/GRS) EARTH & ENVIRONMENT	Woodcock, Curtis E. / Olofsson, Johan Pontus / Tang, Xiaojing / Bullock, Eric L.	Can VIIRS continue the legacy of MODIS for near real-time monitoring of tropical forest disturbance?	20-Nov
WHEELOCK COLLEGE OF EDUCATION (SED) TEACHING & LEARNING	Jackson, Davena	Relationship building in a black space: Partnering in solidarity	20-Aug

COLLEGE OF FINE ARTS (CFA) MUSIC EDUCATION	Smith, Tawnya	Music Education for Surviving and Thriving: Cultivating Children's Wonder, Senses, Emotional Wellbeing, and Wild Nature as a Means to Discover and Fulfill Their Life's Purpose	21-Apr
COLLEGE OF COMMUNICATION (COM) MASS COMMUNICATION, ADVERTISING & PUBLIC RELATIONS	Vasquez, Rosalynn A.	Polarized U.S. publics, Pope Francis, and climate change: Reviewing the studies and data collected around the 2015 Papal Encyclical	20-Aug
FREDERICK S. PARDEE SCHOOL OF GLOBAL STUDIES / ARTS AND SCIENCES (CAS/GRS) POLITICAL SCIENCE	Grimes, William W. / Lee, Yaechan	Assessing South Korea's Role in Promoting ESG Investing in the Asia-Pacific	21-Jun
SCHOOL OF LAW (LAW)	Condon, Madison	Market Myopia's Climate Bubble	21-Mar
SCHOOL OF LAW (LAW)	Condon, Madison	CLIMATE CHANGE'S NEW ALLY, BIG FINANCE	20-Oct
ARTS AND SCIENCES (CAS/GRS) EARTH & ENVIRONMENT	Sue Wing, Ian J.	Global vulnerability of crop yields to climate change	21-Apr
ARTS AND SCIENCES (CAS/GRS) EARTH & ENVIRONMENT	Sue Wing, Ian J.	Future climate impacts on global agricultural yields over the 21st century	20-Oct
COLLEGE OF ENGINEERING (ENG) MECHANICAL ENGINEERING / COLLEGE OF ENGINEERING (ENG) MATERIALS SCIENCE & ENGINEERING	Basu, Soumendra N. / Pal, Uday / Gopalan, Srikanth / Zhu, Zhikuan / Sugimoto, Michelle	Multiple cycle chromium poisoning and in-situ electrochemical cleaning of LSM-based solid oxide fuel cell cathodes	20-Oct
COLLEGE OF ENGINEERING (ENG) MECHANICAL ENGINEERING / COLLEGE OF ENGINEERING (ENG) MATERIALS SCIENCE & ENGINEERING	Basu, Soumendra N. / Pal, Uday / Gopalan, Srikanth / Zhu, Zhikuan / Sugimoto, Michelle	Electrochemical cleaning: An in-Situ method to reverse chromium poisoning in solid oxide fuel cell cathodes	20-Sep
COLLEGE OF ENGINEERING (ENG) MECHANICAL ENGINEERING / COLLEGE OF ENGINEERING (ENG) MATERIALS SCIENCE AND ENGINEERING	Basu, Soumendra N. / Pal, Uday / Gopalan, Srikanth / Zhu, Zhikuan	Alternating-Current Electrophoretic Deposition of Spinel Coatings on Porous Metallic Substrates for Solid Oxide Fuel Cell Applications	21-Jun
QUESTROM SCHOOL OF BUSINESS (QST) MARKETS, PUBLIC POLICY, & LAW	Conti, Rena	Preventing Drug Shortages and Saving Lives: The Role of Quality and Reliability Standards	21-Apr