

FY 2020 Competitive Capacity Grants - Projects Funded

PI	Title	Capacity type	Project period/ funding per yr
Department: Allied Health Sciences			
Molly Waring	How parents evaluate and disseminate information related to nutrition and weight management on social media	Hatch	3 yr/\$20,000
Department: Animal Science			
Sarah Reed	Role of interleukin-8 in myoblast function	Hatch Multistate	2 yr/\$20,000
Dennis D'Amico, Co-PI Mary Anne A.	Antimicrobial activity of commercially produced bioprotective cultures in cheese and their potential for use as probiotics	Hatch Multistate	3 yr/\$20,000
Breno Fagomeni	Characterization of genotype by environment interaction in dairy cattle in different regions of the USA	Hatch Multistate	3 yr/\$20,000
Abhinav Upadhyay	Application of ultra-fine bubble technology to reduce <i>Listeria monocytogenes</i> biofilms in food processing environment	Hatch	3 yr/\$20,000
Department: Agricultural Resource Economics			
John Bovay, Co-PI Wei Zhang	On-farm loss and waste of vegetables: measurement, drivers and welfare implications	Hatch Multistate	3 yr/\$20,000
Sandro Steinbach, Co-PI Sandra Corredor, UConn School of Business	Measuring the impact of demand and supply-side factors on foreign direct investment: State-level evidence from the U.S. food industry	Hatch Multistate, Interdisciplinary	3 yr/\$30,000
Tatiana Andreyeva	Predictors and consequences of food insecurity among American Seniors	Hatch	3 yr/\$20,000
Rigo Lopez	Enhancing the competitiveness of local milk under changing market conditions	Hatch	3 yr/\$20,000
Department: Kinesiology			
Elaine Lee, Co-PI's Mark Brand, Nicholas Leadbeater	Effects of <i>Aronia melanocarpa</i> supplementation on longevity, stress resilience, and muscle and neuronal proteostasis in the genetically conserved animal model, <i>Caenorhabditis elegans</i> .	Hatch	3 yr/\$20,000
Department: Natural Resource and the Environment			
Chad Rittenhouse	Geospatial decision-support for sustainable forest land management	McIntire Stennis	3 yr/\$20,000
Beth Lawrence	Quantifying ecological outcomes of cranberry bog restoration in southern New England	Hatch	3 yr/\$20,000
Department: Nutritional Sciences			
Yangchao Luo	Development of nano-on-beads multi-functional composites for wastewater treatment	Hatch Multistate	3 yr/\$20,000
Ock Chun	Citrus intake and skin cancer risk	Hatch Multistate, Interdisciplinary	3 yr/\$30,000
Chris Blesso	Milk polar lipids as modifiers of gut microbiota-host interactions for prevention of colitis	Hatch Multistate	2 yr/\$20,000
Department: Plant Science and Landscape Architecture			
Mark Brand	Intergeneric hybridization to expand and enhance <i>Aronia</i> Berry germplasm	Hatch Multistate	3 yr/\$20,000
Rosa Raudales	Tracing root-rot pathogens associated with hydroponic crops in commercial greenhouses in the Northeast	Hatch Multistate	3 yr/\$20,000
Department: Pathobiology and Veterinary Science			
Mazha Khan	Novel, multi-serotype FluoDots vaccine carrier against infectious bronchitis infection in chickens	Hatch Multistate	3 yr/\$20,000