

Northern Kentucky University
Proposals Submitted: July 1, 2018 - June 30, 2019
FY 2019

P.I.	Title	Funding Agency	\$ Requested	College	Department
Boyce, Richard	Assessing 1) the Effects of Amur Honeysuckle Control on Native Plant Communities and 2) the Effects of Ash Decline	GParkHmC	\$1,324	CAS	BioSci
Curran, Christine	Neuro-NORSE (Neuroscience Outreach Resources for Secondary Education)	KyAcaSci	\$2,500	CAS	BioSci
Curran, Christine	Genetic Susceptibility to Traffic-Related Air Pollution	SOTox	\$1,507	CAS	BioSci
Durtsche, Richard	Monitoring Ecosystem Services through the Development of a Novel Automated Trail Counter and Wireless Data Transmission System	CCConsD	\$1,772	CAS	BioSci
Durtsche, Richard	The use of metabolic scope in Kentucky stream fishes	KyWRRRI	\$14,997	CAS	BioSci
Hopfensperger, Kristine	Got Milkweed? Investigating Monarch Butterfly Habitat Restoration	KyAcaSci	\$4,998	CAS	BioSci
Hopfensperger, Kristine	CAS Strategic Investment Funds - Student Internships - 2019	CITofCov	\$500	CAS	BioSci
Hopfensperger, Kristine	Increasing pollinator habitat in the Greater Cincinnati region through a unique collaborative	Patagona	\$14,918	CAS	BioSci
Mester, Joseph	Enhancing the Activity of an Antimicrobial Compound	REMBRAND	\$13,213	CAS	BioSci
Mester, Joseph	Treatment of Fungi with Photosensitizers and UVA	TriBeta	\$605	CAS	BioSci
Mester, Joseph	Testing of a Novel Antimicrobial Agent	REMBRAND	\$13,231	CAS	BioSci
Schwarz, Kirsten	Soil Money: a community-university relationship building fellowship	AmAsAdSc	\$3,000	CAS	BioSci
Schwarz, Kirsten	Strategic Depaving: Community Engagement with Green Infrastructure as a Mechanism to Promote Urban Water Resources	Horizon	\$10,000	CAS	BioSci
Schwarz, Kirsten	Strategic Depaving in Newport's Urban Core for Community and Environment (Nippert)	NippFnd	\$80,998	CAS	BioSci
Schwarz, Kirsten	Strategic Depaving: Community Engagement with Green Infrastructure as a Mechanism to Promote Urban Water Resources	EastRow	\$1,500	CAS	BioSci
Schwarz, Kirsten	Strategic Depaving: Community Engagement with Green Infrastructure as a Mechanism to Promote Urban Water Resources	ConWater	\$10,000	CAS	BioSci
Schwarz, Kirsten	Quantifying groundwater movement from sinkhole springs in Lexington, KY	KyWRRRI	\$20,000	CAS	BioSci
Schwarz, Kirsten	Strategic Depaving: Community Engagement with Green Infrastructure as a Mechanism to Promote Urban Water Resources	EPA	\$25,000	CAS	BioSci
Schwarz, Kirsten	Strategic Depaving - Duke	DukeEng	\$79,788	CAS	BioSci
Strome, Erin	KBRIN Characterization of SAM gene mutation impacts on cellular processes and genome instability	ULRFFFT	\$53,000	CAS	BioSci
Strome, Erin	Characterization of SAM gene mutation impacts on cellular processes and genome instability	NIH	\$397,500	CAS	BioSci
Williamson, Lauren	KBRIN Maternal helminths as a possible anti-inflammatory intervention in a model of neonatal infection - Year 1	ULRFFFT	\$53,000	CAS	BioSci
Gemene, Kebede	Electrochemical and Optical Polymer Membrane Ion/Polyion Sensors for New and Improved Biomedical Applications	NIH	\$397,486	CAS	Chem
Gemene, Kebede	Electrochemical and Optical Polymer Membrane Ion/Polyion Sensors for New and Improved Biomedical Applications	NIH	\$397,500	CAS	Chem
Gemene, Kebede	KBRIN Polymer Membrane-Based Electrochemical and Optical Ion/Polyion Sensors for Biomedical Applications	ULRFFFT	\$106,000	CAS	Chem
Guy, Michael	MRI: Acquisition of a biomolecular imager for research and education	NSF	\$181,374	CAS	Chem
Guy, Michael	KBRIN Post-Doctoral Fellow Award - Year 2	ULRFFFT	\$33,125	CAS	Chem
Onorato, Amber	KBRIN Identification and optimization of small molecule inhibitors of mPGES-1	ULRFFFT	\$53,000	CAS	Chem

Russell, KC	REU Site: The TIM Consortium: A Dispersed REU Site in Theoretically Interesting Molecules	NSF	\$479,027	CAS	Chem
Shelton, Catie	KBRIN Characterization of the Isomerase and Lyase Mechanisms of MST Enzymes - Year 1	ULRFFFT	\$50,423	CAS	Chem
Koch, Beth	Kentucky FIRST LEGO League Program	UKRFFFT	\$25,000	CAS	CINSAM
Krouse, Tonya	The Bloomsbury Group: Creative Communities	ModLang	\$3,000	CAS	Eng
Brewer, Meredith	KCM Academic Standards EARLY ELEMENTARY	KyDepEd	\$19,656	CAS	KCM
Crescitelli, Dee	KCM Academic Standards INTERMEDIATE MIDDLE	KyDepEd	\$19,656	CAS	KCM
Crescitelli, Dee	KCM Academic Standards MIDDLE HIGH SCHOOL	KyDepEd	\$19,656	CAS	KCM
Bowling, Bethany	STEM Ready: A Mathematics Preparation Program at Northern Kentucky University	NSF	\$299,943	CAS	MathStat
Brandt, Axel	Center for Undergraduate Research in Mathematics	CURM	\$5,250	CAS	MathStat
Hodgson, Ted	Computer Science for All Appalachia: Floyd County RFP	NSF	\$300,000	CAS	MathStat
Bertog, Janet	Micro-CT scans of sphenodont lizards	UTFriend	\$600	CAS	PhyGeoET
DeLee, Nathan	Sloan Digital Sky Survey IV 2019	AstroPCo	\$37,904	CAS	PhyGeoET
DeLee, Nathan	Milky Way Mapper Spring 2019	AstroPCo	\$7,000	CAS	PhyGeoET
DeLee, Nathan	Sloan Digital Sky Survey V	AstroPCo	\$8,500	CAS	PhyGeoET
DeLee, Nathan	Milky Way Mapper Fall 2018	AstroPCo	\$3,500	CAS	PhyGeoET
Dixit, Nilesh	IMAGE - Integrated Modeling and Geophysical Evaluation of Floods in Kentucky	KyWRRRI	\$13,399	CAS	PhyGeoET
Dixit, Nilesh	Research Capacity Building in Remote Sensing for Natural Disaster Management	UKRFFFT	\$34,989	CAS	PhyGeoET
Dixit, Nilesh	Deep Convolution Neural Network and Clustering Applications for Geothermal Prospect Mapping	USDofEn	\$117,751	CAS	PhyGeoET
Garrison, Trent	Strategic Depaving: Community Engagement with Green Infrastructure	KyWRRRI	\$12,306	CAS	PhyGeoET
Nutter, Scott	ISS-Cream - Extension	NASA	\$146,357	CAS	PhyGeoET
Nutter, Scott	The neuBACH SPB mission to search for cosmogenic neutrino signatures, NKU Co-I	NASA	\$281,035	CAS	PhyGeoET
Sadat-Hossieny, Morteza	Engineering Technology Funding Year 2	DukeEng	\$5,000	CAS	PhyGeoET
Sun, Gang	Development of a Practical, Low-cost, Internet-of-Things (IoT) -based Intelligent Air Quality Evaluation Tool	EPA	\$25,000	CAS	PhyGeoET
McDonald, Danielle	Women's Needs Assessment: Examining Services and Gaps for Female Jail Inmates	RWJFnd	\$300,000	CAS	PSCJOL
Wilson, Darrin	NKU Creative Placemaking Activity in Newport, KY	GrCinFnd	\$2,000	CAS	PSCJOL
Bardgett, Mark	KBRIN Bridge Award 19-20	ULRFFFT	\$66,250	CAS	PsychSci
Bardgett, Mark	Long-term effects of early-life antipsychotic drug treatment	NIH	\$397,500	CAS	PsychSci
Bardgett, Mark	KBRIN Lead Faculty 2019	ULRFFFT	\$18,979	CAS	PsychSci
Bardgett, Mark	KBRIN Lead Faculty Equipment Funds	ULRFFFT	\$42,611	CAS	PsychSci
Brumback, Ty	KBRIN Autonomic Nervous System Fuction and Craving in Adolescent Binge Drinkers - Year 2	ULRFFFT	\$52,561	CAS	PsychSci
Curran, Christine	KBRIN Post-Doctoral Fellow Award - Year 1	ULRFFFT	\$43,725	CAS	PsychSci
Yates, Justin	KBRIN Contribution of NMDA NR2B subunit to Risky Choice and economic demand for cocaine	ULRFFFT	\$53,000	CAS	PsychSci
Yates, Justin	Contribution of NMDA NR2B subunit to risky choice and economic demand for cocaine	NIH	\$397,500	CAS	PsychSci
Yates, Justin	KBRIN Post-Doctoral Fellow Award - Year 1	ULRFFFT	\$43,725	CAS	PsychSci
Fieler, Andrea	NKU Campus Weeks 2019 - Wunderbar Together	FedRepGm	\$5,515	CAS	WorldLan
Bowling, Bethany	Partnerships for Broader Impacts Design: NKU and Cincinnati Museum Center	InLrnInn	\$1,659	CAS	N/A

Moore, Lisa	Legal Services to the Poor and for the Administration of Justice	KyIOLTA	\$25,792	CCOL	CareerDv
Furnier, Robert	Using Virtual Traffic Stop Technology to Combat Racial Profiling	NSF	\$392,097	CCOL	N/A
Katkin, Ken	Colorado Professional Services, Faculty Exchange	UCollaw	\$76,775	CCOL	N/A
Kishman, Mary	Nurse Advocacy Center for the Underserved	NKYFundr	\$6,000	CHP	NACU
Audas, Judith	Nurse Anesthetist Traineeship for CHP Nurse Anesthesia Program 19-20	HRSA	\$13,957	CHP	Nursing
Gall, Roxanne	Horseman's Wellness Center 18-19	KyRaceHW	\$8,074	CHP	Nursing
Kishman, Mary	NACU Clinic at Brighton Center 19-20	Brighton	\$56,817	CHP	Nursing
Zajac, Lynne	Nurse Faculty Loan Program 2.0 FY 19-20	HRSA	\$150,000	CHP	Nursing
Zajac, Lynne	Student Perceptions of Faculty Presence and Caring in Accelerated Online Post Licensure Nursing Courses	AcaPar	\$3,000	CHP	Nursing
Allen, Sally	Kentucky 2018 Idea State U Competition	KySTCor	\$250	COB	CIE
Strobl, Zachary	The INKUBATOR	Horizon	\$35,000	COB	CIE
Al-Bahrani, Abdullah	Econ Beats	PlutusFd	\$2,000	COB	EconFin
Volpe, Rebecca	Small Business Development Center FY 18-19 Federal	UKRFFFT	\$106,000	COB	SBDC
Volpe, Rebecca	Small Business Development Center FY 18-19 HB State	StateKY	\$13,500	COB	SBDC
Howard, Kathy	Public Child Welfare Certification Program	EKUFFT	\$12,047	COEHS	CSWL
Howard, Kathy	University Training Consortium	EKUFFT	\$128,407	COEHS	CSWL
Kim, Suk-hee	Non-Pharmacological Interventions and Cognitive Competence in Older Adults	KASWEA	\$2,000	COEHS	CSWL
Kim, Suk-hee	The Healthy Brain Initiative for Older Adults (HBIOA): Music Training and Social Engagement	CforMMS	\$106,714	COEHS	CSWL
Wilkerson, David	Second Chance Act Community-based Adult Reentry Program	KenCoDC	\$135,941	COEHS	CSWL
Sanders, Gabriel	KBRIN Assessing free-living physical activity, sleep and mood behavior in overweight and non-overweight college adults	ULRFFFT	\$105,778	COEHS	KinHealt
Crites, Steven	Kentucky Traineeship in Special Education 19-20	KyDEdFFT	\$740,000	COEHS	TeachEd
Maddin, Ellen	CAPS for CS/CT	NSF	\$291,690	COEHS	TeachEd
Runge, Sara	Catholic Diocese of Kentucky - Teacher Professional Development 2019	KyDEdFFT	\$28,809	COEHS	TeachEd
Runge, Sara	Kentucky Non-Public Schools Commission - Teacher Professional Development 2019	KyDEdFFT	\$159,176	COEHS	TeachEd
Sherry, Tammie	Adolescent Literacy Project 2019-2020	CCLitDev	\$28,072	COEHS	TeachEd
Smith, Lynne	NKU Kentucky Reading Project (Cadre 21)	CCLitDev	\$46,000	COEHS	TeachEd
McNeal, Lewatis	Minority Educator Recruitment and Retention (MERR) FY19	KyDepEd	\$15,000	COEHS	
Ozanich, Gary	Diabetes Educator Position - St. E	Hayswood	\$15,000	COI	BusInfo
Ozanich, Gary	Kentucky Health Information Exchange Consulting 18-19 IHIE	KyCHFS	\$106,200	COI	BusInfo
Ozanich, Gary	Medicaid KY University Partnership - Conway	ConwayFd	\$10,000	COI	BusInfo
Ozanich, Gary	Medicaid KY University Partnership/KY Social Welfare Foundation	KySWF	\$10,000	COI	BusInfo
Henry, Jill	The "NEXT" Generation Apprenticeship Program (Sub from UC)	UniOfCin	\$132,500	COI	CAI
Bien-Aime, Steve	Gender Norms in "Non-action" Sports	AEJMC	\$3,500	COI	Comm
Doyle, Maureen	Coaching to Computer Science Integration (sub from NKCES)	USDofEd	\$85,138	COI	CompSci
Doyle, Maureen	The Future of Cyber Education 2019	KyDEdFFT	\$1,000	COI	CompSci
Doyle, Maureen	Strategic Recruitment and Retention Plan	NCWomIT	\$10,000	COI	CompSci
Padgett, Ryan	CPE Stronger by Degrees	KyCPE	\$50,000	EDM	AdmUnder
Wright, Lori	Student Support Services Yr. 4	USDofEd	\$374,734	EDM	SSS
Hilleke, Gayle	Kentucky College Coaches - AmeriCorps 19-20	KyCHFS	\$428,866	GERO	KCC
Hilleke, Gayle	KyCC Host Sites 18-19	MultCNCS	\$28,000	GERO	KCC
Hilleke, Gayle	KyCC ATC Sites 18-19	KyDEdFFT	\$28,000	GERO	KCC
Hilleke, Gayle	KHEAA Kentucky College Coaches 18-19	HighEdAA	\$423,450	GERO	KCC
Hilleke, Gayle	Criminal History Checks (CHC) Surge Funding	KyCHFSFT	\$1,978	GERO	KCC

Hilleke, Gayle	Kentucky College Coaches on Campus 19-20	CNCS	\$158,911	GERO	KCC
Hilleke, Gayle	Alternative Service Breaks funded by the Volunteer Generation Fund 18-19	KyCHFSFT	\$34,000	GERO	KCC
Hilleke, Gayle	TASK VISTA 2019-2020	CNCS	\$29,000	GERO	KCC
Neikirk, Mark	Mayerson Student Philanthropy Project (Scripps) 19-20	SCRIPPFn	\$6,000	GERO	Scripps
Neikirk, Mark	Mayerson Student Philanthropy Project (Horizon Fund) 18-19	Horizon	\$2,000	GERO	Scripps
Neikirk, Mark	Student Philanthropy Greater Cincinnati Foundation 2019	GrCinFnd	\$2,000	GERO	Scripps
Neikirk, Mark	Mayerson Student Philanthropy Project (Horizon Fund) 2019	Horizon	\$4,000	GERO	Scripps
Neikirk, Mark	Newport Public Art Projects	EastRow	\$2,000	GERO	Scripps
Neikirk, Mark	Mayerson Student Philanthropy Project (Mayerson Foundation) 18-19	MayerFnd	\$21,000	GERO	Scripps
Neikirk, Mark	Newport Arts Project	ClevFdn	\$500	GERO	Scripps
Neikirk, Mark	Mayerson Student Philanthropy Project 18-19 (Artswave)	Artswave	\$10,000	GERO	Scripps
Hardcastle, Valerie	Preventing SUD in Rural Youth: An Innovative Educational Program for School and Faith Personnel	AmBergen	\$61,055	HIC	IHI
Hardcastle, Valerie	A Community-Based Intervention for Substance Use Disorder: SBIRT and Faith Leaders	SAMHSA	\$1,121,712	HIC	IHI
Hardcastle, Valerie	A Community-Based Intervention to Preventing Opioid Overdose	UofBaIFT	\$349,995	HIC	IHI
Hardcastle, Valerie	Northern Kentucky Health Innovation Initiative (NKY-HII) - EDA - i6	USDepCom	\$300,000	HIC	IHI
Hardcastle, Valerie	The Owen County Collaborative Addiction Treatment Initiative (OCCATI): RCORP Implementation	HRSA	\$1,000,000	HIC	IHI
Hardcastle, Valerie	Future Health Leaders	NippFnd	\$52,081	HIC	IHI
Hardcastle, Valerie	The Owen County Collaborative Addiction Treatment Initiative (OCCATI) - RCORP Planning	HRSA	\$197,184	HIC	IHI
Hardcastle, Valerie	Lung CT Medicaid 2019	KyCHFS	\$243,027	HIC	IHI
Hardcastle, Valerie	Collaborative, Community Challenges (3-C): A New Approach to Engaging with the Humanities	NEH	\$34,998	HIC	IHI
Hardcastle, Valerie	KY INNOVATION: Regional Innovation for Startups & Entrepreneurs (RISE)	KyCabEco	\$51,955	HIC	IHI
Hardcastle, Valerie	Teen Science Cafe Program Implementaion	TeenSci	\$3,000	HIC	IHI
Hardcastle, Valerie	PGx Medicaid 2019	KyCHFS	\$287,556	HIC	IHI
Hardcastle, Valerie	Northern Kentucky Peer Support Specialist Micro-credential	HRSA	\$818,007	HIC	IHI
Noe, Carolyn	Teen Health Science Cafe - Addiction Series	NKyASAP	\$4,000	HIC	IHI
Noe, Carolyn	Innovation Collective: Creating Games for Health Education	PGF	\$10,000	HIC	IHI
Noe, Carolyn	Girl Scouts Health Expo	GrCinFnd	\$1,000	HIC	IHI
Downing, Evan	Student Technology Leadership Program Showcase	KyDepEd	\$4,000	IT	InfraOp
Ryan-Perry, Siobhan	Warrior Run 2019	WarRun	\$5,350	OUTREACH	StHealth
Brose, Eric	Upward Bound 2018-2019 (Year 5)	USDofEd	\$393,275	OUTREACH	UpwardB
Brose, Eric	Supplemental STEM funds for 2018-2019	USDofEd	\$38,493	OUTREACH	UpwardB
Johnson, Amanda	Kentucky Transitional Assistance Program Grant	KyCHFS	\$145,739	STUDINCL	PAC
Calderon, Leo	IME Becas-Scholarship 2019	ConMxInd	\$20,000	STUDINCL	N/A
Danzo, Amy	Project Graduate CPE Grant 2019	KyCPE	\$25,000	UAA	TestServ
Moore, Dannie	CCAMPIS Year 2	DOEdOPE	\$154,003	DEAN	N/A

Total Submitted 142

Total Requested \$15,299,916