

Northern Kentucky University
Proposals Submitted: July 1, 2019 - June 30, 2020
FY 2020

P.I.	Title	Funding Agency	\$ Requested	College	Department
Hales, Mike	NKU CARES ACT Higher Ed Emergency Relief Fund (Institutional - COVID)	USDofEd	\$3,999,481	ADMIN	Admin&Fin
Boyce, Richard	Potential biological control of bush honeysuckle with honeysuckle leaf blight	USFOR	\$16,794	CAS	BioSci
Cooper, Josh	Diatom Sample Processing, Analysis and Archive System	KYDepWat	\$6,160	CAS	BioSci
Curran, Christine	Toxicology Summer Internship 2020	SOFTox	\$1,507	CAS	BioSci
Curran, Christine	KBRIN Post-Doctoral Fellow Award - Year 2	ULRFFFT	\$33,125	CAS	BioSci
Durtsche, Richard	Aerobic scope in Kentucky stream fishes as a fitness indicator of climate change impacts	KyWRRRI	\$7,925	CAS	BioSci
Hopfensperger, Kristine	Greater Cincinnati Pollinator Habitat Initiative	DukeEng	\$10,000	CAS	BioSci
Hopfensperger, Kristine	Greater Cincinnati Pollinator Habitat Initiative - Disney	Disney	\$46,400	CAS	BioSci
Neikirk, Mark	Strategic Depaving: Community-led Green Infrastructure Design for Urban Water Resilience	CCConsD	\$1,500	CAS	BioSci
Parker, Allison	Mosquito species distribution across an urban-to-rural land-use gradient in Northern Kentucky	KyAcaSci	\$2,999	CAS	BioSci
Robertson, Denice	Pollinator Habitat Initiative: Drone Survey	GParkHmC	\$3,387	CAS	BioSci
Strome, Erin	KBRIN Characterization of SAM gene mutation impacts on cellular processes and genome instability (Year 2)	ULRFFFT	\$53,000	CAS	BioSci
Strome, Erin	KBRIN Post-Doctoral Fellow Award - Year 1	ULRFFFT	\$43,725	CAS	BioSci
Walters, Lindsey	Assessing the use of feathers from nestling tree swallows as a bioindicator of environmental methylmercury contamination	KyAcaSci	\$5,000	CAS	BioSci
Walters, Lindsey	Assessing the use of feathers from nestling tree swallows	WilsonOS	\$3,000	CAS	BioSci
Williamson, Lauren	A role for maternal helminth treatment to alter central inflammation and to reduce lifelong offspring inflammation (R15)	NIH	\$388,020	CAS	BioSci
Williamson, Lauren	KBRIN Maternal helminths as a possible anti-inflammatory intervention in a model of neonatal infection - Year 2	ULRFFFT	\$53,000	CAS	BioSci
Daniels, Charlisa	Understanding Dynamics of Pollutants in in Methacrylate Morphologies for Implementation in Water Remediation Technology	KyWRRRI	\$5,000	CAS	Chem
Guy, Michael	MRI: Acquisition of a biomolecular imager with near infrared, fluorescent, and phosphorescent capabilities for research and education	NSF	\$192,904	CAS	Chem
Guy, Michael	KBRIN Post-Doctoral Fellow Award - Year 3	ULRFFFT	\$33,125	CAS	Chem
Hopper, Molly	MRI: Acquisition of a high resolution mass spectrometer with accompanying liquid chromatography separation for research and education	NSF	\$503,711	CAS	Chem
Ma, Lili	KBRIN CURE: UROCC	ULRFFFT	\$26,500	CAS	Chem
Shelton, Catie	KBRIN Characterization of the Isomerase and Lyase Mechanisms of MST Enzymes - Year 2	ULRFFFT	\$52,898	CAS	Chem
Shelton, Catie	Characterization of the Isomerase and Lyase Mechanisms of MST Enzymes	NIH	\$397,500	CAS	Chem
Koch, Beth	Kentucky FIRST LEGO League	UKRFFFT	\$25,000	CAS	CINSAM
Vaughn, Ashley	Disability DCL: Access STEM: Increasing Faculty Motivation for Accessibility Through Empathy	NSF	\$499,402	CAS	CINSAM
Cellio, Jen	Preserving Specialized Faculty and Supporting Foundational Humanities Skills for At-Risk Students	NEH	\$153,424	CAS	Eng
Hindman, Jessica	Sounds Like Titanic Adaptation	ICMPtrnr	\$11,435	CAS	Eng
Davis, Rhonda	Fink's Taxonomy of Significant Learning: A Case Study in Integrative Studies Capstone Courses	AcaPar	\$11,055	CAS	IntStudy

Buckley, Brooke	Diastolic Dysfunction as Precursor to HFpEF in Youth with Obesity and T2D (Sub from Cinci Children's Hospital)	AHeartA	\$144,964	CAS	MathStat
Buckley, Brooke	ADD-RHD (Sub from CCHMC)	CCHMC	\$27,500	CAS	MathStat
Newman, Steve	KYOTE - Match	PrivFund	\$20,000	CAS	MathStat
McGill, Diana	Moon to Mars: A Collaborative Approach to Engaging Underserved Audiences in NASA's Future	NASA	\$998,884	CAS	N/A
DeLee, Nathan	Sloan Digital Sky Survey IV 2020	AstroPCo	\$31,467	CAS	PhyGeoET
DeLee, Nathan	Milky Way Mapper 2020	AstroPCo	\$17,000	CAS	PhyGeoET
Maheshwari, Zeel	Development of a wind turbine emulator	ConsEnrg	\$49,994	CAS	PhyGeoET
Nutter, Scott	HELIX: The High Energy Light Isotope Experiment (Bridge Funding)	NASA	\$80,817	CAS	PhyGeoET
Sadat-Hossieny, Morteza	Engineering Technology Funding Year 3	DukeEng	\$5,000	CAS	PhyGeoET
Sun, Gang	Development of a Practical, Low-cost, Internet-of-Things (IoT) -based Intelligent Air Quality Evaluation Tool	EPA	\$24,992	CAS	PhyGeoET
Bush, Michael	Poverty and Peacemaking Experiential Learning	Walmart	\$3,000	CAS	PSCJOL
Lee, Jae-Seung	Mass Shootings in American Society (sub from UTA)	USDepJus	\$159,783	CAS	PSCJOL
Salzman, Ryan	Future Leaders Internship Program 2019-2020	SeasonFn	\$10,000	CAS	PSCJOL
Bardgett, Mark	KBRIN Bridge Award 20-21	ULRFFFT	\$66,250	CAS	PsychSci
Bardgett, Mark	KBRIN Lead Faculty 2020	ULRFFFT	\$19,267	CAS	PsychSci
Bardgett, Mark	KBRIN Lead Faculty Equipment Funds 2020	ULRFFFT	\$61,954	CAS	PsychSci
Bardgett, Mark	Long-term effects of early-life antipsychotic drug treatment (R15)	NIH	\$397,493	CAS	PsychSci
Brumback, Ty	Autonomic Nervous System Functioning in Heavy Drinking Adolescents (R15)	NIH	\$397,500	CAS	PsychSci
Brumback, Ty	KBRIN Autonomic Nervous System Functioning in Heavy Drinking Adolescents	ULRFFFT	\$53,000	CAS	PsychSci
Brumback, Ty	Autonomic Nervous System Functioning in Heavy Drinking Adolescents (R15)	NIH	\$397,500	CAS	PsychSci
Yates, Justin	KBRIN Post-Doctoral Fellow Award - Year 2	ULRFFFT	\$33,125	CAS	PsychSci
Albritton, Matt	Political Photography: Bringing Stories into the Light	FotoFocs	\$11,000	CAS	SchArts
Banks, Rachel	Bound and Determined: An Exhibition of Photobooks	FotoFocs	\$2,625	CAS	SchArts
Fieler, Andrea	German-American Day Lecture Series	AATG	\$360	CAS	WorldLan
Moore, Lisa	Legal Services to the Poor and for the Administration of Justice 20-21	KyIOLTA	\$17,365	CCOL	CareerDv
Furnier, Robert	The Lunsford Academy Virtual Court Navigator	KYBarFdn	\$10,000	CCOL	N/A
Furnier, Robert	Reviving Officer Friendly Programs through Online Learning Platforms in Schools	USDepJus	\$579,173	CCOL	N/A
Kinsley, Jennifer	Bar Exam Faculty Mentoring Project	AccessLx	\$38,500	CCOL	N/A
Hunter, Jennifer	Senior Spotlight at Golden Towers	HorComFd	\$7,500	CHHS	NACU
Audas, Judith	Nurse Anesthetist Traineeship for CHP Nurse Anesthesia Program 20-21	HRSA	\$24,460	CHHS	Nursing
Benton-Lee, Jitana	Culture of Health	RWJFnd	\$95,000	CHHS	Nursing
Benton-Lee, Jitana	Identifying Cultural Triggers: A Mix-Method Study on Establishing Cultural Safety for Rural Blacks	FahsBeck	\$19,988	CHHS	Nursing
Gall, Roxanne	Horseman's Wellness Center 19-20	KyRaceHW	\$7,158	CHHS	Nursing
O'Connell, Karen	Graduate Nursing Student Perceptions of Faculty Immediacy Behaviors and Caring in Accelerated Online Courses	AcaPar	\$4,741	CHHS	Nursing
Tagher, Gannon	NKU Interprofessional SUD Student Training Initiative	SAMHSA	\$196,330	CHHS	Nursing
Zajac, Lynne	Nurse Faculty Loan Program 20-21	HRSA	\$125,000	CHHS	Nursing
Howard, Kathy	University Training Consortium 20-21	EKUFFT	\$129,579	CHHS	SocWork
Kim, Suk-hee	Innovation in Cognitive Aging Research (ICAR): A Novel Approach to Brain Health	RetireRF	\$132,728	CHHS	SocWork
Kim, Suk-hee	The Justice and Mental Health Collaboration: Police Social Worker Expansion Program	NKYADD	\$60,000	CHHS	SocWork
Harrah, Janet	SBDC Program Income	PendelCo	\$2,500	COB	CEAD
HassabElnaby, Hassan	Impact of Managers Supervisory Style	UofToled	\$16,994	COB	N/A

Harrah, Janet	Small Business Development Center FY 19-20 HB State	StateKY	\$13,500	COB	SBDC
Harrah, Janet	Small Business Development Center FY 19-20 Federal	UKRFFFT	\$106,000	COB	SBDC
Howard, Kathy	Public Child Welfare Certification Program 20-21	EKUFFT	\$12,659	COEd	*CSWL
McNeal, Lewatis	Minority Educator Recruitment and Retention (MERR) FY20	KyDepEd	\$7,500	COEd	N/A
Crites, Steven	Kentucky Traineeship in Special Education 19-20 - Additional Funds	KyDEdFFT	\$30,000	COEd	TeachEd
Crites, Steven	Kentucky Traineeship in Special Education 20-21	KyDEdFFT	\$740,000	COEd	TeachEd
Jones, Melissa	Supported Higher Education Project of Northern Kentucky Student Supports	UnivOfKy	\$65,000	COEd	TeachEd
Sherry, Tammie	Adolescent Literacy Project 2020-2021	CCLitDev	\$29,959	COEd	TeachEd
Smith, Lynne	NKU Kentucky Reading Project (Cadre 22)	CCLitDev	\$42,000	COEd	TeachEd
Bien-Aime, Steve	Tell me how I feel: How click-based emotion reaction emoticons affect news processing and sharing on social media	AEJMC	\$3,500	COI	Comm
Bien-Aime, Steve	Foundational Integrity Research: Misinformation and Polarization	Facebook	\$75,232	COI	Comm
Adjei, Seth	Human-in-the-Loop AI for Education Center (HILAIFE Center)	WorPolns	\$398,598	COI	CompSci
Khan, Rasib	CAREER: Secure Provenance for Trustworthy Edge Computing Services	NSF	\$498,463	COI	CompSci
Moore, Dannie	CCAMPIS Year 3	DOEdOPE	\$154,003	DEAN	N/A
Stewart, Leah	Student Success - COVID-19 Response Grant	KyCPE	\$40,000	EDM	SFA
Wright, Lori	Student Support Services Yr. 5	USDofEd	\$391,597	EDM	SSS
Wright, Lori	Student Support Services Yr. 1 (New Cycle)	USDofEd	\$391,597	EDM	SSS
Hilleke, Gayle	KHEAA Kentucky College Coaches 19-20	HighEdAA	\$458,450	GERO	KCC
Hilleke, Gayle	KyCC Host Sites 19-20	MultCNCS	\$28,000	GERO	KCC
Hilleke, Gayle	KyCC ATC Sites 19-20	KyDEdFFT	\$28,000	GERO	KCC
Hilleke, Gayle	KC3 Host Sites 19-20	MultCNCS	\$28,000	GERO	KCC
Hilleke, Gayle	Kentucky College Coaches (KCC) - KC3	KyCHFS	\$804,210	GERO	KCC
Hilleke, Gayle	Alternative Service Breaks funded by the Volunteer Generation Fund 19-20	KyCHFSFT	\$34,000	GERO	KCC
Hilleke, Gayle	TASK VISTA 2020-2021 - MATCH	MartnFdn	\$8,000	GERO	KCC
Hilleke, Gayle	TASK VISTA 2020-2021	CNCS	\$29,000	GERO	KCC
Neikirk, Mark	Mayerson Student Philanthropy Project (Mayerson Foundation) 19-20	MayerFnd	\$21,000	GERO	Scripps
Neikirk, Mark	Mayerson Student Philanthropy Project 19-20 (Artswave)	Artswave	\$10,000	GERO	Scripps
Neikirk, Mark	Scripps Howard Communications Internship 2019	SCRIPPFn	\$2,000	GERO	Scripps
Neikirk, Mark	Strategic Depaving 2.0	WRI	\$100,000	GERO	Scripps
Neikirk, Mark	Student Philanthropy Greater Cincinnati Foundation 2020	GrCinFnd	\$2,000	GERO	Scripps
Neikirk, Mark	Student Philanthropy Project (Scripps) 20-21	SCRIPPFn	\$7,000	GERO	Scripps
Hardcastle, Valerie	Near-Peer Opportunities in Research and Science Education (NORSE)	NIH	\$1,325,200	HIC	IHI
Hardcastle, Valerie	OUD Partnerships for Families in Carroll and Owen Counties	USDepJus	\$82,855	HIC	IHI
Hardcastle, Valerie	Northern Kentucky Health Innovation Initiative (NKY-HII) - Economic Development Administration - i6	USDepCom	\$731,250	HIC	IHI
Hardcastle, Valerie	Northern Kentucky Health Innovation Initiative MATCH ST. E (NKY-HII) - EDA - i6	StEHosMC	\$450,000	HIC	IHI
Hardcastle, Valerie	Northern Kentucky Health Innovation Initiative MATCH GCF (NKY-HII) - EDA - i6	GrCinFnd	\$93,750	HIC	IHI
Hardcastle, Valerie	Northern Kentucky Health Innovation Initiative MATCH DURR (NKY-HII) - EDA - i6	DurrFdn	\$187,500	HIC	IHI
Hardcastle, Valerie	KY INNOVATION: Regional Innovation for Startups & Entrepreneurs (RISE) Year 2	KyCabEco	\$270,843	HIC	IHI
Hardcastle, Valerie	A Community-Based Intervention for Substance Use Disorder: SBIRT and Faith Leaders (Koch)	ChKochFd	\$187,141	HIC	IHI
Hardcastle, Valerie	Low Dose CT Scan (LDCT) Lung Cancer Screening Medicaid Expansion Project	KyCHFS	\$243,661	HIC	IHI
Hardcastle, Valerie	The Utilization of Pharmacogenetics in the Treatment of Kentucky Medicaid Patients to Guide Drug Therapy Decisions	KyCHFS	\$304,610	HIC	IHI
Hardcastle, Valerie	OUD Partnerships for Families in Carroll and Owen Counties II	USDepJus	\$667,145	HIC	IHI
Hardcastle, Valerie	Dynamiccare Contingency Management - PILOT	REALWORK	\$43,643	HIC	IHI
Hardcastle, Valerie	Support for Disadvantaged Nursing Students at NKU	HRSA	\$3,249,525	HIC	IHI

Hardcastle, Valerie	KY INNOVATION: Regional Innovation for Startups & Entrepreneurs (RISE) Year 2 - Additional Funds	KyCabEco	\$87,550	HIC	IHI
Hardcastle, Valerie	NKU Paraprofessionals Program for Supporting Opioid Impacted Families - Year 1	HRSA	\$442,079	HIC	IHI
Hardcastle, Valerie	Section 1115 Substance Use Disorder Demonstration (Year 1)	KyCHFS	\$378,458	HIC	IHI
Noe, Carolyn	Rural Teen Science Cafe Research Project	TeenSci	\$3,876	HIC	IHI
Noe, Carolyn	Teen Science Cafe Regional Hub Leader	TeenSci	\$131,548	HIC	IHI
Downing, Evan	Student Technology Leadership Program Showcase 19-20	KyDepEd	\$4,000	IT	InfraOp
Ryan-Perry, Siobhan	Warrior Run 2020	WarRun	\$5,723	OUTREACH	StHealth
Tempel, Rose	COVID-19 Telehealth Program	FCC	\$10,000	OUTREACH	StHealth
Brose, Eric	Upward Bound 2019-2020 (Year 1)	USDofEd	\$370,747	OUTREACH	UpwardB
Gaffin, John	Northern Kentucky University Police Body Armor Project 2019	KyOHS	\$2,660	POLICE	UniversityPolice
Murray, John	Ben Roethlisberger Giving Back Fund 2019	BenRoeth	\$43,800	POLICE	UniversityPolice
Smith, Jennifer	Around the World through Books	PKPH	\$2,500	STEELY	Steely
Wesley, Threasa	Health Matters: Educating Library Staff to Respond to Health Literacy Needs in their Communities	NNLM	\$10,000	STEELY	Steely
Yannarella, Philip	PDF Digitization of Journal Issues	KyAcLib	\$882	STEELY	Steely
Alston, Robert	NKU Community Care Initiatives	NACAS	\$24,931	STUDCON	OSCRA
Johnson, Amanda	KTAP Grant 2020	KyCHFS	\$291,478	STUDINCL	PAC

Total Submitted 130

Total Requested \$25,274,090