

Northern Kentucky University
Proposals Submitted: July 1, 2020 - June 30, 2021
FY 2021

P.I.	Title	Funding Agency	\$ Requested	College	Department
Hales, Mike	Governor's Emergency Education Relief Fund (GEER - COVID)	KyCPE	\$900,900	AF	AF
Hales, Mike	NKU CARES ACT Higher Ed Emergency Relief Fund II (Institutional - COVID)	USDofEd	\$9,714,429	AF	AF
Hales, Mike	CRF (Coronavirus Relief Fund)	OffKYBud	\$2,415,000	AF	AF
Hales, Mike	Governor's Emergency Education Relief Fund (GEER - COVID)- Additional Funds	KyCPE	\$75,300	AF	AF
Hales, Mike	NKU CARES ACT Higher Ed Emerg Relief Fund (DOE HEERF) III 2021 - Institutional	USDofEd	\$11,400,319	AF	AF
Curran, Christine	Toxicology Summer Internship 2021	SOTox	\$3,014	CAS	BioSci
Curran, Christine	KY INBRE KBRIN Post-Doctoral Fellow Award - Year 3	ULRFFFT	\$33,125	CAS	BioSci
Hopfensperger, Kristine	LTER: A co-produced investigation of the mechanisms underlying ecosystem process in the Cincinnati urban mosaic	UniOfCin	\$117,524	CAS	BioSci
Hopfensperger, Kristine	STEM Ambassadors Program II (STEMAP II)	UofU	\$1,600	CAS	BioSci
Parker, Allison	Seasonal Abundance of Mosquitoes (Diptera: Culicidae) Inhabiting Tires Across Northern Kentucky	KyAcaSci	\$4,969	CAS	BioSci
Robertson, Denice	Greater Cincinnati Pollinator Habitat Initiative - Disney	Disney	\$49,178	CAS	BioSci
Strome, Erin	KY INBRE KBRIN Post-Doctoral Fellow Award - Year 2	ULRFFFT	\$43,725	CAS	BioSci
Williamson, Lauren	A role for maternal helminth treatment to alter central inflammation and to reduce lifelong offspring inflammation (R15)	NIH	\$389,139	CAS	BioSci
Williamson, Lauren	KY INBRE KBRIN Maternal helminths as a possible anti-inflammatory intervention in a model of neonatal infection - Year 3	ULRFFFT	\$53,000	CAS	BioSci
Gemene, Kebede	Polymer Membrane-Based Electrochemical and Optical Sensors for Biomedical Applications (R15)	NIH	\$413,956	CAS	Chem
Guy, Michael	KY INBRE KBRIN Bridge - Identification of novel human tRNA modification Genes	ULRFFFT	\$66,250	CAS	Chem
Guy, Michael	Determining how 2'-O-Methylations in the eukaryotic anticodon loop region of tRNA are formed and how they affect translation (R15) (renewal)	NIH	\$417,073	CAS	Chem
Hopper, Molly	MRI: Acquisition of a High Resolution Mass Spectrometer, Liquid Chromatography System to Support Research and Teaching within the Sciences	NSF	\$335,114	CAS	Chem
Ma, Lili	KY INBRE KBRIN CURE: UROCC Year 2	ULRFFFT	\$26,500	CAS	Chem
Shelton, Catie	KY INBRE KBRIN Characterization of the Isomerase and Lyase Mechanisms of MST Enzymes - Year 3	ULRFFFT	\$51,838	CAS	Chem
Koch, Beth	Kentucky FIRST LEGO League	UKRFFFT	\$25,000	CAS	CINSAM
Wallace, Robert	Melville's Print Collection Online	Delmas	\$4,037	CAS	Eng
DeLong, Kelly	Mathematics Teaching Practices Modules (3-5) & (6-8)	KyDepEd	\$75,681	CAS	MathStat
DeLong, Kelly	Mathematics Teaching Practices Modules (3-5) & (6-8)	KyDepEd	\$204,881	CAS	MathStat
Newman, Steve	KYOTE - Match 20-21	PrivFund	\$20,000	CAS	MathStat
DeLee, Nathan	Milky Way Mapper 2021	AstroPCo	\$17,488	CAS	PhyGeoET
Maheshwari, Zeel	Development of a wind turbine emulator for research and educational purposes	ConsEnrg	\$49,970	CAS	PhyGeoET
Maheshwari, Zeel	Development of a wind turbine emulator for research and educational purposes	ConsEnrg	\$49,970	CAS	PhyGeoET
Maheshwari, Zeel	Developing Integrated Renewable Energy Systems (IRES)	UofTuFFT	\$75,279	CAS	PhyGeoET

Nutter, Scott	Super-TIGER-2 Recovery, Assessment and Analysis of Data from Combined Flights	WashUStL	\$148,043	CAS	PhyGeoET
Shin, Minchul	Origami Robot Development and its Applications in Space	UKRFFFT	\$8,000	CAS	PhyGeoET
Sun, Gang	Designing Practical Internet of Things (IoT)- based Air Quality Monitoring Systems for Livestock Producers: Proof of Concept	KyAcaSci	\$4,996	CAS	PhyGeoET
Sun, Gang	A Novel Low-cost Embedded System Development Board with Convertible Intelligent Layers for STEM Education	KyAcaSci	\$4,993	CAS	PhyGeoET
Sun, Gang	An Intelligent Air Quality Monitoring and Reporting System (P3)	EPA	\$25,000	CAS	PhyGeoET
Sun, Gang	DOE-EPSCOR Proposal: Kentucky Computational and Acquisition Center- UK Subaward 21	UKRFFFT	\$64,323	CAS	PhyGeoET
Sun, Gang	ASEE Mini Grant Program 2021: A Novel Low-cost Embedded System Development Board with Convertible Micro Controller Layers for STEM Education	ASEE	\$2,500	CAS	PhyGeoET
Lee, Jae-Seung	Mass Shootings in American Society (sub from UTA) 2021	USDepJus	\$101,862	CAS	PSCJOL
Bardgett, Mark	KY INBRE KBRIN Lead Faculty 2021	ULRFFFT	\$19,267	CAS	PsychSci
Bardgett, Mark	KY INBRE KBRIN Bridge Award 21-22	ULRFFFT	\$43,725	CAS	PsychSci
Brumback, Ty	KY INBRE KBRIN Autonomic Nervous System Functioning in Heavy Drinking Adolescents - Year 4	ULRFFFT	\$53,000	CAS	PsychSci
Bryant-Lees, Kinsey	Moving beyond the 'LG' in 'LGBT': Investigating the validity and measurement of equivalence of the Minority stress model in the SGM Community	UofCalSF	\$39,924	CAS	PsychSci
Yates, Justin	KY INBRE KBRIN Post-Doctoral Fellow Award - Year 3	ULRFFFT	\$33,125	CAS	PsychSci
Yates, Justin	2021 NIDA Summer Research Internship Program	NIH	\$12,012	CAS	PsychSci
Voelker, Judy	The Excavations at Prehistoric Non Pa Wai in the Khao Wong Prachan Valley of Central Thailand	WhteLeon	\$59,903	CAS	SocAntPh
Moore, Lisa	Legal Services to the Poor and for the Administration of Justice 21-22	KyIOLTA	\$16,635	CCOL	CareerDv
Siemer, Ashley	Chase Law All Rise	KYBarFdn	\$11,000	CCOL	CCOL
Audas, Judith	Nurse Anesthetist Traineeship for CHP Nurse Anesthesia Program 21-22	HRSA	\$23,314	CHHS	Nursing
Fieler, Gina	Development in Undergraduate Nursing Students	SigTT	\$4,995	CHHS	Nursing
Gall, Roxanne	Horseman's Wellness Center 20-21	KyRaceHW	\$10,127	CHHS	Nursing
Hunter, Jennifer	COVID-19 Testing at NKU NACU	NKyHD	\$24,000	CHHS	Nursing
Zajac, Lynne	Nurse Faculty Loan Program 21-22	HRSA	\$65,452	CHHS	Nursing
Kim, Suk-hee	Public Child Welfare Certification Program (PCWCP)	EKUFFT	\$7,613	CHHS	SocWork
Lindsey, Megan	Northern Kentucky University Behavioral Health Workforce Education and Training	HRSA	\$1,920,000	CHHS	SocWork
Schneider, David	RISE 2021	BluNorth	\$70,000	COB	CIE
Schneider, David	Commercialization of Intellectual Property (IP) via Artificial Intelligence (AI) Techniques	CHNFFT	\$225,000	COB	CIE
Mauger, Yohann	University of Akron Subaward 2021: I Corp Program	UofAkFFT	\$2,500	COB	MGMT
Brophy, Nicholas	SBDC HB 145 State Funds 20-21	StateKY	\$13,500	COB	SBDC
Brophy, Nicholas	SBDC Federal Funds 20-21	UKRFFFT	\$106,000	COB	SBDC
McNeal, Lewatis	Minority Educator Recruitment and Retention (MERR) FY21	KyDepEd	\$7,000	COEd	CEE
Crites, Steven	Kentucky Traineeship in Special Education 20-21 - Additional Funds	KyDEdFFT	\$100,000	COEd	TeachEd
Crites, Steven	KDE Kentucky Traineeship in Special Education 21-22	KyDEdFFT	\$840,000	COEd	TeachEd
Jones, Melissa	The Enhancement and Expansion of the Supported Higher Education Project at Northern Kentucky University	USDofEd	\$999,327	COEd	TeachEd
Jones, Melissa	Supported Higher Education Partnerships at NKU: Student Supports	UnivOfKy	\$65,000	COEd	TeachEd
Sherry, Tammie	Adolescent Literacy Project 2021-2022	CCLitDev	\$34,119	COEd	TeachEd
Smith, Lynne	KY Reading Project CADRE 23 (2021-2022)	CCLitDev	\$45,000	COEd	TeachEd

Chattopadhyay, Ankur	GenCyber 2021	NSA	\$74,924	COI	CompSci
Hu, Yi	Detection of Data Exfiltration from Cloud Data Lake	NSF	\$844,822	COI	CompSci
Padgett, Ryan	NKU Summer Academy: Kentucky CPE Summer Bridge Program Grant	KyCPE	\$42,674	EDM	SSS
Hilleke, Gayle	KHEAA Kentucky College Coaches 20-21	HighEdAA	\$458,450	GERO	KCC
Hilleke, Gayle	AmeriCorps Host Sites 2021	MultCNCS	\$56,000	GERO	KCC
Hilleke, Gayle	AmeriCorps ATC Sites 2021	KyDEdFFT	\$8,000	GERO	KCC
Hilleke, Gayle	Kentucky College Coaches - KCC/KC3 2021-2022	KyCHFS	\$804,210	GERO	KCC
Hilleke, Gayle	Encouraging Scientific Citizenship through Deliberative Pedagogy	NSF	\$300,000	GERO	KCC
Hilleke, Gayle	Anti-Racist Community Engagement Conference	HaileF	\$1,850	GERO	KCC
Hilleke, Gayle	Kentucky Counselor Academy AmeriCorps 21-22	KyCHFSFT	\$106,972	GERO	KCC
Hilleke, Gayle	Kentucky Counselor Academy AmeriCorps 21-22 (Match from CPE)	KyCPE	\$169,573	GERO	KCC
Hilleke, Gayle	KyCC VISTA 2021-2022	CNCS	\$23,000	GERO	KCC
Neikirk, Mark	Mayerson Student Philanthropy Project (Mayerson Foundation) 20-21	MayerFnd	\$21,000	GERO	Scripps
Neikirk, Mark	Mayerson Student Philanthropy Project 20-21 (Artswave)	Artswave	\$10,000	GERO	Scripps
Neikirk, Mark	Learning by Giving Foundation Grant for Academic Year 2020-2021	LrnByGiv	\$10,000	GERO	Scripps
Neikirk, Mark	Arts Wave Catalyzing Impact March 2021	Artswave	\$7,000	GERO	Scripps
Hardcastle, Valerie	Near-peer Opportunities in Research and Science Education (NORSE): Understanding Health from Cells to Society	NIH	\$1,317,686	HIC	IHI
Hardcastle, Valerie	The Carroll and Owen County Partnership Expansion Neonatal Abstinence Syndrome (COPE-NAS) Initiative	HRSA	\$500,000	HIC	IHI
Hardcastle, Valerie	STEM Talent Challenge Program 2021	EcoDevAd	\$300,000	HIC	IHI
Hardcastle, Valerie	JCOIN Rapid Innovation Grants (J-RIG)	GeoMasU	\$109,728	HIC	IHI
Hardcastle, Valerie	St. E Lift Up Grant	StEHosMC	\$1,856	HIC	IHI
Hardcastle, Valerie	USDA Rural Business Development Grant 2021- Enterprise Grant	USDA	\$99,999	HIC	IHI
Hardcastle, Valerie	USDA Rural Business Development Grant 2021- Opportunity Grant	USDA	\$49,965	HIC	IHI
Hardcastle, Valerie	HRSA RCORP Implementation 2021: Carroll County Reduces Opioid Use Disorders (CC Proud): Implementation	HRSA	\$1,000,000	HIC	IHI
Hardcastle, Valerie	EDA Spring Challenge 2020- NKY Collaborative for Economic Engagement: Connecting Entrepreneurs to Knowledge, Data, Talent and Capital	EcoDevAd	\$750,000	HIC	IHI
Hardcastle, Valerie	Carroll- Owen Partnership Expansion: Psychostimulant Support (COPE-PS)	HRSA	\$500,000	HIC	IHI
Hardcastle, Valerie	Telemedicine and Telehealth in Rural Northern Kentucky	USDA	\$182,792	HIC	IHI
Hardcastle, Valerie	Section 1115 Substance Use Disorder Demonstration (Year 2)	KyCHFS	\$362,805	HIC	IHI
Noe, Carolyn	GCF Summertime Kids 2021-Elementary Health Book Club	GrCinFnd	\$1,000	HIC	IHI
Noe, Carolyn	Walmart Foundation 2021- Care Closet Start Up	Walmart	\$5,000	HIC	IHI
Noe, Carolyn	Elementary Age Book Club	ALDI	\$4,400	HIC	IHI
Downing, Evan	Student Technology Leadership Program Showcase 20-21	KyDepEd	\$4,000	IT	InfraOp
Brose, Eric	Upward Bound 2020-2021 (Year 2)	USDofEd	\$383,723	OUTREACH	UpwardB
Cowherd, Meg	Childcare Access Means Parents in School Program (CCAMPIS)- Year 4	DOEdOPE	\$154,003	SA	CCAMPIS
Cowherd, Meg	Child Care Access Means Parents in School Program (CCAMPIS) 2021 (New Cycle- Year 1)	DOEdOPE	\$144,253	SA	CCAMPIS
Calderon, Leo	IME Becas Fellowship Program 2021-2022	ConMxInd	\$9,000	STUDINCL	LSA
Massey, Kendra	Norse Violence Prevention Project	USDepJus	\$300,000	STUDINCL	NVPC

Total Proposals Submitted 102

Total \$ Requested

\$41,364,199