

Northern Kentucky University
Proposals Submitted FY 2024
July 2023 - June 2024

P.I.	Title	Funding Agency	\$ Requested	College	Department
Daniel Ginn	Dual Credit Bridge 2023	Kentucky Council on Postsecondary Education	\$2,859	AA	YSA
Sharon Criss	(Men's) Basketball Improvement Program	Horizon League - Athletic Conference	\$25,000	Administration	AIO
Sharon Criss	(Women's) Basketball Improvement Program	Horizon League - Athletic Conference	\$25,000	Administration	AIO
Karis Hawkins	K-TAP Postsecondary FY 2025-2026	KY Cabinet for Health & Family Services	\$383,318	ATC	PAC
Karis Hawkins	PAC Summertime Project	Greater Cincinnati Foundation	\$2,500	ATC	PAC
Allison Parker	Adult and larval insecticide susceptibility status for the insecticide Fipronil on Culex restuans and Culex pipiens mosquitoes	Kentucky Academy of Science	\$4,826	CAS	BioSci
Christine Curran	KY INBRE Mentored Career Development Awards (MCDA)	University of Louisville Research Foundation	\$33,125	CAS	BioSci
Christine Curran	KY INBRE Postdoc Research Technician Award	ULRF	\$33,125	CAS	BioSci
Christine Curran	Society of Toxicology Summer Internship Program	Society of Toxicology	\$12,000	CAS	BioSci
Erin Strome	KY INBRE Characterization of SAM gene mutation impacts on cellular processes and genome instability.	University of Louisville Research Foundation	\$66,250	CAS	BioSci
Erin Strome	KY INBRE Voucher Request: Methyl Proteome Analysis of Methyl Mutants in Saccharomyces cerevisiae	University of Louisville Research Foundation	\$5,000	CAS	BioSci
Erin Strome	KY INBRE Voucher Request: Proteomics: Whole Proteome Analysis of Methyl Mutants in	University of Louisville Research Foundation	\$5,000	CAS	BioSci
Kristy Hopfensperger	RII Track 1: NSF EPSCOR Project with UK	University of Kentucky Research Foundation	\$405,028	CAS	BioSci
Yingying Xie	BRC-BIO: Ecosystem-based assessment of abiotic and biotic effects on pond-breeding amphibians under climate change and biological invasion	National Science Foundation (NSF)	\$449,939	CAS	BioSci
Yingying Xie	Predicting plant invasions across ecoregions and scales by integrating community assembly theory with geospatial data	Purdue University	\$61,246	CAS	BioSci
Yingying Xie	Predicting plant invasions across ecoregions and scales by integrating community assembly theory with geospatial data	National Science Foundation (NSF)	\$76,723	CAS	BioSci
Yingying Xie	Scaling community assembly and invasion dynamics across ecoregions	NASA	\$24,408	CAS	BioSci
Charlisa Daniels	CCI Phase II: Center for Adopting Flaws as Features	University of Illinois Urbana-Champaign	\$500,000	CAS	Chem
Charlisa Daniels	S-STEM: Building a Partnership Between Northern Kentucky University and Gateway Community and Technical College to Support Low-Income Students in the Northern Kentucky Region	National Science Foundation (NSF)	\$100,000	CAS	Chem
Michael Guy	KY INBRE Postdoc Research Technician Award (Year 3)	University of Louisville Research Foundation	\$35,000	CAS	Chem
Jonathan Cullick	Mayerson Student Philanthropy Project	Learning by Giving	\$7,000	CAS	English
Eric Jackson	Book: History of the Underground Railroad in Kentucky	National Endowment for the Humanities	\$6,000	CAS	HistGeo

Eric Jackson	Unique Challenges: The Development of an African American Historical Preservation Certificate	National Endowment for the Humanities	\$50,000	CAS	HistGeo
Kelly DeLong	2024-2025 Mathematics Achievement Fund Professional Learning Cohort 1	Kentucky Department of Education	\$302,454	CAS	KCM
Kelly DeLong	KCM Mathematics Achievement Fund Professional Learning Grant- Cohort 2	Kentucky Department of Education	\$955,600	CAS	KCM
Kelly DeLong	Kentucky Center for Mathematics - MAF Evaluation Support	Kentucky Department of Education	\$19,000	CAS	KCM
Kelly DeLong	Kentucky Numeracy Counts Academy Grant	Kentucky Department of Education	\$2,000,000	CAS	KCM
Stephen Newman	KYOTE 2025		\$20,000	CAS	Math&Stat
Stephen Newman	KYOTE 2024	Self-funded	\$20,000	CAS	MathStat
Chari Ramkumar	Shockwave Compression of III-V Semiconductor Materials	National Science Foundation (NSF)	\$241,427	CAS	PGET
Dirk Grupe	The Underlying X-ray Spectrum of the X-ray Transient NLS1 WPVS 007	NASA	\$30,520	CAS	PGET
Gang Sun	An Innovative MISL-enabled MIL-STD 1553 Communication Board for Enhanced Interconnectivity Across International Space Station Equipment	University of Kentucky Research Foundation	\$17,429	CAS	PGET
Gang Sun	Revolutionizing Engaged Student Learning in Embedded Systems Design: Cultivating an Authentic Hands-on Learning Experience and Bringing Recent Advances in Rapid Prototyping Innovation for Intelligent Product Development	National Science Foundation (NSF)	\$395,800	CAS	PGET
Nathan De Lee	Milky Way Mapper (2024 Renewal)	Astrophysical Research Consortium	\$19,943	CAS	PGET
Brittany Smith	Equipment: Acquisition of Bussey Saksida Mouse Touch Screen Operant System	National Science Foundation (NSF)	\$172,856	CAS	PsychSci
Brittany Smith	KY INBRE Mentored Career Development Award	University of Louisville Research Foundation	\$33,125	CAS	PsychSci
Brittany Smith	KY INBRE Postdoctoral Fellow Award	University of Louisville Research Foundation	\$43,725	CAS	PsychSci
Douglas Krull	Adversaries or Collaborators? Communicating the Congruence Between Biblical Wisdom and Psychological Science	Templeton World Charity Foundation	\$98,325	CAS	PsychSci
Douglas Krull	Coping with Doubt: Development of Tools to Help Teens and Young Adults with Life's Big Questions	Joe Burrow Foundation	\$9,758	CAS	PsychSci
Douglas Krull	I Have Hidden Your Word in My Heart: The Effect of Bible Memorization on Psychological, Physiological, and Spiritual Health	Templeton World Charity Foundation	\$235,000	CAS	PsychSci
Justin Yates	KY INBRE Mentored Career Development Award	University of Louisville Research Foundation	\$46,375	CAS	PsychSci
Mark Bardgett	KY INBRE Effects of early-life antipsychotics on oxycodone reward during adulthood	University of Louisville Research Foundation	\$14,000	CAS	PsychSci
Mark Bardgett	KY INBRE Lead Faculty Award	University of Louisville Research Foundation	\$19,717	CAS	PsychSci
Mark Bardgett	KY INBRE Mentored Career Development Awards (MCDA)	University of Louisville Research Foundation	\$33,125	CAS	PsychSci
Ty Brumback	Autonomic Nervous System Functioning in Heavy Drinking Adolescents:	University of Louisville Research Foundation	\$57,820	CAS	PsychSci
Monica Wakefield	MCA: Ontogeny of social behavior in juvenile olive baboons (Papio anubis) at the Uaso Ngiro Baboon Project, Laikipia, Kenya: A longitudinal approach	National Science Foundation (NSF)	\$257,596	CAS	SAP
Lisa Moore	Legal Services to the Poor and Administration of Justice	KY IOLTA Fund	\$16,635	CCL	Chase - Career Development

Christopher Muzzo	Small Business and Nonprofit Clinic Online Program	Kentucky Science and Technology Corporation	\$20,000	CCL	Chase - Instruction
Rhyanne McDade	KY INBRE Statistical Analysis Course Based Undergraduate Research Experience (Cures) A	University of Louisville Research Foundation	\$79,500	CEHS	Kins&Health
Suk-hee Kim	Optimizing HEALing in Ohio communities (OHIO) (NKU SOW) WAVE II	University of Cincinnati	\$5,947	CEHS	Master of Social Work
Roxanne Gall	Horseman's Wellness Center at Turfway Park Jan-Dec 2024	Kentucky Racing Health & Welfare Fund	\$19,368	CHHS	ANS
Nicole Atkins	Characterization of Cooking Skill Fine Motor Control and Psychometric Evaluation of a Criterion-Based Test for Field-Based Assessment of Cooking Skill Performance	University of Dayton	\$27,787	CHHS	SKCR
Suk-hee Kim	The Roles of the COVID-19 Pandemic and Technological Environments on Rural-Urban Disparities in Cognitive Capacity and Disability	National Institutes of Health	\$506,149	CHHS	SW
David Tataw	Skin Cancer Awareness, Knowledge and Prevalence in Small, Limited Resource and Minority Farmers in Kentucky " An Assessment	Kentucky State University	\$131,112	CHP	Allied Health
Jennifer Hunter	Community Impact Fund at Horizon Community Funds of Northern Kentucky	Horizon Community Funds of Northern Kentucky	\$20,000	CHP	Nursing
Jennifer Hunter	Promoting Immunization Outreach in the Underserved Populations Across Northern Kentucky	KY Cabinet for Health & Family Services	\$520,126	CHP	Nursing
Jitana Benton-Lee	Nursing Footmark	The Josiah Macy Jr. Foundation	\$135,952	CHP	Nursing
Karen O'Connell	Nurse Faculty Loan Program	Health Resources and Services Administration (HRSA)	\$0	CHP	Nursing
Janet Harrah	Housing Supply Gap Analysis	Kentucky Housing Corporation (KHC)	\$55,000	COB	Center for Economic Analysis & Developmt
Dekuwmini Mornah	African Business Collaborative	US Department of State	\$35,000	COB	Mgmt
Zachary Strobl	Blue North Subgrantee Award FY2025	Blue North (State Flow Through)	\$56,000	COB	Mgmt
Dekuwmini Mornah	African Business Collaborative (ABC)	US Department of State	\$35,000	COB	Mgmt
Jaesook Gilbert	PQP Evaluation Grant	Kentucky Department of Education	\$48,384	COE	ELAS
Melissa Jones	SHEP Support Grant	University of Kentucky	\$65,000	COE	ELAS
Ginni Fair	Adult Education-Master of Arts program recruiting/Assistance	Kentucky Education Workforce & Development Cabinet	\$95,500	COE	N/A
Ankur Chattopadhyay	Norse DEI Scholars	IEEE Computer Society Diversity Inclusion Fund	\$15,000	COI	CompSci
Hongmei Wang	Deepening Community Resilience to Flooding and Landslides: Connecting Community and Scientific Knowledge through Deep Maps	National Science Foundation (NSF)	\$1,053,997	COI	CompSci
Nicholas Caporusso	An AI-Driven System for Enhancing Interaction in Individuals with Communication Disabilities	Kentucky Academy of Science	\$4,554	COI	CompSci
Nicholas Caporusso	UserVoodoo: Eye-Tracking System for Cognitive Abnormalities andTraumatic Brain Injuries	National Science Foundation (NSF)	\$50,000	COI	CompSci
Seth Adjei	Collaborative Research: Supporting Assessment and Feedback in Introductory Computer Programming Courses	University of Florida	\$224,798	COI	CompSci

Anthony Tsetse	2024-25 NKU GenCyber Teacher Camp Program	University of Memphis	\$99,925	COI	SCA
Anthony Tsetse	DoD Cyber Scholarship	US Department of Defense (DOD)	\$79,767	COI	SCA
Nicholas Caporusso	A software-based eye-tracking system for aiding clinicians in diagnosing and monitoring cognitive conditions and brain injuries	Xlerator Network	\$24,885	COI	SCA
Nicholas Caporusso	An AI Therapist for providing underserved individuals with mental health support	Joe Burrow Foundation	\$9,588	COI	SCA
Nicholas Caporusso	An AI-based conversational agent for users with special needs	KCV Impact	\$24,497	COI	SCA
Nicholas Caporusso	An end-to-end machine learning pipeline for webcam based assessments of cognitive and physical performance	Kentucky Network for Innovation & Commercialization - KYNETIC	\$44,311	COI	SCA
Shahid Noor	Blockchain-Enabled Economic and Health Monitoring System: A Grant Proposal for Innovative Tracking Solutions	KCV Impact	\$5,000	COI	SCA
Shahid Noor	Cybersecurity Education for Distributed Energy Resources (in Community Development) through Regional Coalition	University of Memphis	\$225,000	COI	SCA
Shauna Reilly	Mayerson Student Philanthropy Project	Greater Cincinnati Foundation	\$2,000	GERO	Experiential Learning
Shauna Reilly	NKU Volunteerism	EngageKY+	\$21,400	GERO	Experiential Learning
Gayle Hilleke	2024 AmeriCorps Seniors Foster Grandparent Program	Americorps	\$449,539	GERO	KCC
Gayle Hilleke	AmeriCorps - Kentucky College Coaches	Americorps	\$2,793,925	GERO	KCC
Gayle Hilleke	AmeriCorps ATC Sites 2024	Kentucky Department of Education	\$32,000	GERO	KCC
Gayle Hilleke	AmeriCorps Host Sites 2024	Multiple CNCS Partners	\$140,000	GERO	KCC
Gayle Hilleke	KCC PreETS	Kentucky Office of Vocational Rehabilitation	\$0	GERO	KCC
Gayle Hilleke	KHEAA Kentucky College Coaches	Kentucky Higher Education Assistance Authority (KHEAA)	\$576,000	GERO	KCC
Gayle Hilleke	KHEAA Kentucky College Coaches	Kentucky Higher Education Assistance Authority (KHEAA)	\$576,000	GERO	KCC
Craig Holloman	Support for Research Excellence at Northern Kentucky University	University of Kentucky	\$50,000	GERO	RGC
Mark Neikirk	Support for experiential learning and philanthropy at NKU - Mayerson Student Philanthropy Project	Horizon Community Funds of NKY	\$4,000	GERO	Scripps
Shauna Reilly	Mayerson Philanthropy Course Fall 2024	Elsa Heisel Sule Foundation	\$4,000	GERO	Scripps
Shauna Reilly	NKU Experiential Philanthropy Classes	Durr Foundation	\$4,000	GERO	Scripps
Shauna Reilly	Student Philanthropy Project	Scripps Howard Foundation	\$10,000	GERO	Scripps
Carolyn Noe	2025 Summer Camp Scholarships	Horizon Community Funds of Northern Kentucky	\$15,000	IHI	IHI
Carolyn Noe	College Cafe Expansion	US Bank Foundation	\$6,000	IHI	IHI
Carolyn Noe	Expanding Access to Enrichment through Camp Norse	Greater Cincinnati Foundation	\$2,500	IHI	IHI
Carolyn Noe	Family Wellbeing Cards	Fitness for Life Around Grant County	\$5,000	IHI	IHI

Carolyn Noe	Mini Sim Center	The Health Collaborative	\$5,000	IHI	IHI
Valerie Hardcastle	Contingent Management for Opioid Use Disorder	Kentucky Opioid Abatement Advisory Commission	\$498,730	IHI	IHI
Valerie Hardcastle	Expanding Recovery in Northern Kentucky	Northern Kentucky Agency for Substance Abuse Policy	\$79,731	IHI	IHI
Valerie Hardcastle	JCOIN Rapid Innovation Grants - Supplemental Funds	George Mason University	\$10,212	IHI	IHI
Valerie Hardcastle	NEAR-PEER OPPORTUNITIES IN (HEALTH) RESEARCH AND SCIENCE EDUCATION: N.O.R.S.E. AMBASSADORS	Interact for Health	\$99,999	IHI	IHI
Valerie Hardcastle	NEAR-PEER OPPORTUNITIES IN RESEARCH AND SCIENCE EDUCATION (NORSE): UNDERSTANDING HEALTH FROM CELLS TO SOCIETY	National Institutes of Health	\$1,316,157	IHI	IHI
Valerie Hardcastle	Northern Kentucky Opioid Impact Family Support Paraprofessional Program (NKY-OIFSP)	HRSA	\$2,396,297	IHI	IHI
Valerie Hardcastle	Paraprofessionals Program for Supporting Opioid Impacted Families (OIFSP)	HRSA	\$597,683	IHI	IHI
Valerie Hardcastle	Section 1115 Substance Use Disorder Demonstration	US Department of Health and Human Services	\$797,752	IHI	IHI
Valerie Hardcastle	The Benefits of Kentucky Certified Peer Support Specialists for Medicaid Beneficiaries	KY Cabinet for Health and Family Services	\$69,188	IHI	IHI
Valerie Hardcastle	The Northern Kentucky University Center for Health Innovation and Entrepreneurship (NKU-CHIE)	Economic Development Administration	\$109,618	IHI	IHI
Nicholas Bliven	FUELing Up: Culinary Explorations	Joe Burrow Foundation	\$10,000	N/A	Fuel
Kendra Massey	Norse Violence Prevention Project	US Department of Justice	\$400,000	SA	NVPC
Tiffany Mayse	Cincinnati Warrior Run	1N5	\$190	SA	StdntWell
Claudia Giuffre	Investing in Wellness Scholarship: Complementary Therapy Services for First-Generation College Students	Joe Burrow Foundation	\$9,450	SE	University Housing
Joyce Couch	TRIO Student Support Services	US Department of Education	\$421,515	SS	SSS
Tiffany Budd	Community Garden Rebuild	Duke Energy	\$2,000	Sustainability	Operation & Maintenance
Abdou Ndoye	Students to Scholars	Complete College America	\$5,850	UAA	SA
Daniel Ginn	Dual Credit Bridge 2024	Kentucky Council on Postsecondary Education	\$4,506	UAA	YSA
Eric Gentry	Future Leaders Internship Program (FLIP)	Murray & Agnes Seasingood Foundation	\$28,800	University Advancement	N/A

Total Submitted

116

Total Requested

\$22,644,766