

NKU Office of Research, Grants and Contracts
Proposals Submitted: July 1, 2014 - June 30, 2015
FY 2015

Principal Investigator	Title	Funding Agency Code	Project Total	College Code	Department Code
Kersell, Nancy	On the Water and in Writing: Teaching Science Literacy to High School Students	HondaFnd	\$55,945	CAS	Eng
Strome, Erin	2014 American Society for Microbiology Fellowship	ASMicro	\$5,000	CAS	BioSci
Brewer, Meredith	Erikson Early Math Collaborative	KyDepEd	\$50,000	CAS	KCM
Parker, Jill	Mathematics Content Coaching FY 15	KyDepEd	\$49,981	CAS	KCM
Parker, Jill	Mathematics Response to Intervention for Middle School - 6th & 7th Grades (MaRti Middle)	KyDepEd	\$99,981	CAS	KCM
Carmen, John	KBRIN: Investigator Development Award - Yr. 2	ULRF	\$53,000	CAS	BioSci
McGee, Daniel	Senate Bill 1: Mathematical Clinical Site for Teacher Preparation	KyCPE	\$50,000	CAS	KCM
Kulkarni, Madhura	Environmental Education as a Pre-Service Theme	KyEEC	\$1,085	CAS	CINSAM
Guy, Michael	KBRIN Start Up Funds	ULRF	\$33,125	CAS	Chem
Brewer, Meredith	EERTI (Enacting Effective Response to Intervention) Math Circles - FY 15	KyDepEd	\$100,000	CAS	KCM
McGee, Daniel	Road to Success in Algebra 1	KyDepEd	\$400,000	CAS	KCM
Brewer, Meredith	K-EEMC (Kentucky Erikson Early Math Collaborative)	KyDepEd	\$63,687	CAS	KCM
Brewer, Meredith	EERTI (Enacting Effective Response to Intervention)	KyDepEd	\$123,174	CAS	KCM
Parker, Jill	KCM Master Coach Program	KyDepEd	\$53,153	CAS	KCM
Parker, Jill	Mathematics Content Coaching	KyDepEd	\$79,801	CAS	KCM
Parker, Jill	MaRti Middle (6th & 7th Grades)	KyDepEd	\$128,854	CAS	KCM
Zacate, Matthew	RUI: Search for Varifiable Complex Diffusion Mechanisms	NSF	\$154,579	CAS	PhyGeoET
O'Callaghan, Tamara	FREE Thinking: The Humanities in Kentucky	NEH	\$143,548	CAS	Eng
Bardgett, Mark	Long-Term Effects of Early Life Antipsychotic Treatment	NIH	\$397,500	CAS	PsychSci
Landon, William	REU Site: The Parker Academy: Investigating the Intersection of Freedom, Social Justice, Archaeology, History and Geography	NSF	\$123,018	CAS	None
Attar, Holly	D' Addario Music Preparatory Strings Support Grant	DAdarFnd	\$2,500	CAS	SchArts
Alberti, John	The Tournees Festival - FY 2015	FrenchAm	\$2,200	CAS	WorldLan
Russell, KC	The TIM Consortium: A Dispersed REU Site in Theoretically Interesting Molecules	NSF	\$431,733	CAS	Chem
Bertog, Janet	Collaborative Research: REU: Paleontology of the Jurassic Dinosaur Lake (Morrison Formation, Utah)	NSF	\$464,474	CAS	PhyGeoET
Devantier, Beth	Seasongood Foundation Internship - FY 2014-2015	SeasonFn	\$5,000	CAS	PSCJOL
Gabbard, Alice	Kentucky Numeracy Project Intensive (KNPI) Yr. 2	KyDOEd	\$160,000	CAS	KCM
Krouse, Tonya	Enduring Questions: What does the Future Hold?	NEH	\$21,995	CAS	Eng
Hodgson, Ted	Project FLIP: Using Video Podcasts for Mathematics Instruction and Intervention	CPE/FFT	\$137,292	CAS	MathStat
Hopfensperger, Kristine	CAREER: Importance of Small-Scale Wetlands to Urban Greenhouse Gas Fluxes.	EPSCNSF	\$24,159	CAS	BioSci
Kulkarni, Madhura	The Next Generation STEM Classroom Professional Development Studying and Refining a Model for Excellence in STEM Education	NSF	\$2,941,596	CAS	CINSAM
Schwarz, Kirsten	Building STEAM: Training The Next Generation of Science Communication Scholars by Bridging the Gap between Visual Arts and Traditional STEM Sciences	EPSCNSF	\$10,000	CAS	BioSci

Ferrante, Joan	Significant Others as Active Agents in Substance Users and Abusers' Lives: An Exploration	NIH	\$272,968	CAS	None
Daniels, Charlisa	KBRIN Start Up Funds	ULRF	\$33,125	CAS	Chem
Shifley, Emily	KBRIN Start Up Funds	ULRF	\$33,125	CAS	BioSci
Carmen, John	Use of a Novel Insect Model System to Study the Pathogenesis of Amoeba	KyAcaSci	\$4,993	CAS	BioSci
DeLee, Nathan	Sloan Digital Sky Survey-VI Project	AstroPCo	\$48,475	CAS	PhyGeoET
Boateng, Sam	Groundwater-surface Water Interaction within an Alluvial Wetland in Northern Kentucky	KyWRRRI	\$5,000	CAS	PhyGeoET
McGee, Daniel	Using 3D Visualization to Improve Conceptual Understanding of Precalculus	NSF	\$447,447	CAS	KCM
Strome, Erin	Exploring the Role of Target Rapamycin (TOR) Complex One in Genome Stability	EPSCNSF	\$25,000	CAS	BioSci
Jones, Sharyn	The Parker Academy: Investigating the Intersection of Freedom, Social Justice, Archaeology, History and Geography	NEH	\$183,627	CAS	None
Lancaster, Mark	Forensic Science Center of Excellence Program Task 10: Uncertainty & Error Rates in Digital and Pattern Evidence	GeoMasU	\$249,523	CAS	MathStat
Schwarz, Kirsten	Managing for Multiple Ecosystem Services in Working Landscapes in Sacramento - Additional Funds	UCaliReg	\$8,570	CAS	BioSci
Morris, Celeste	KBRIN: Advancing in Vivo Thyroid Hormone Measurement Technology - Yr. 1	ULRF	\$106,000	CAS	Chem
Parker, Jill	Mathematics Content Coaching FY 15 - Additional Funds	KyDepEd	\$73,981	CAS	KCM
Walters, Keith	MRI: Acquisition of a Tabletop Scanning Electron Microscope with EDC Capabilities for Research and Education	NSF	\$289,650	CAS	Chem
Bowling, Bethany	WISE: Wholistically Improving STEM Education	NSF	\$3,000,000	CAS	BioSci
Ma, Lili	KBRIN Idea: Design and Development of Histone Deacetylase 2 (HDAC2) Inhibitors	ULRF	\$53,000	CAS	Chem
Strome, Erin	KBRIN : Investigation of Candidate Modifier Loci of Cancer Susceptibility	ULRF	\$53,000	CAS	BioSci
Bardgett, Mark	KBRIN : Bridge Funds	ULRF	\$66,249	CAS	PsychSci
Marczinski, Cecile	KBRIN : Acute Effects of Alcohol and Energy Drinks on Behavioral Control	ULRF	\$33,125	CAS	PsychSci
Gemene, Kebede	KBRIN : Instrumentally Controlled Ion-selective Electrodes for Biomedical and Environmental Applications	ULRF	\$53,000	CAS	Chem
Yates, Justin	KBRIN : Contribution of NMDA NR2B Subunit to Impulsive Choice and Amphetamine Reward - Yr. 1	ULRF	\$105,606	CAS	PsychSci
Daniels, Charlisa	KBRIN : Characterization of Tunable Polymeric Material for Use as an Environmental Sensor in Wastewater Treatment	ULRF	\$104,288	CAS	Chem
Shifley, Emily	KBRIN : The Role of FGF Signaling in Pharynx Development - Yr. 1	ULRF	\$101,450	CAS	BioSci
Curran, Christine	KBRIN : Genetic Susceptibility to Developmental Neurotoxicants	ULRF	\$66,250	CAS	BioSci
Jones, Sharyn	Site Preservation of the 1839 Parker Academy	AArchIns	\$25,000	CAS	HisGeo
Marczinski, Cecile	The Influence of Caffeine Pre-exposure on the Reinforcing Value, Liking, and Intake of Alcohol Mixed Energy Drinks	UniOfBuf	\$20,154	CAS	PsychSci
Curran, Christine	Genetic Susceptibility to PCB - Induced Motor Dysfunction - R15	NIH	\$397,500	CAS	BioSci
Yates, Kimberly	Addressing Climate Literacy in Kentucky at the Local Level Throught University Partnerships	EPA	\$9,412	CAS	CINSAM
Curran, Christine	Clearing the Air: Applying Informatics to Reduce Traffic Congestion in Greater Cincinnati	EPA	\$75,000	CAS	BioSci
Nutter, Scott	HELIX: The High Energy Light Isotope Experiment	NASA	\$304,470	CAS	PhyGeoET
Gray, Ashley	Kentucky Legal Education Opportunity - FY 15	KyJustAd	\$150,000	CCOL	ALDC
Moore, Lisa	Legal Services to the Poor and Administration of Justice - FY 14-15	KyIOLTA	\$5,000	CCOL	CareerDv
Pfendt, Kris	NKU Nurse Advocacy Center for the Underserved (NACU)	WelcHous	\$2,100	CHP	Nursing

Cline, Jennifer	Brighton Health Initiative	Brighton	\$14,739	CHP	AH
Kishman, Mary	Replicating Evidence-Based Teen Pregnancy Prevention Programs to Scale in Communities with Greatest Need	YWCAHCo	\$29,999	CHP	Nursing
Cline, Jennifer	Brighton Health Initiative - Additional Funds	Brighton	\$4,845	CHP	AH
Foster, Cindy	HUD Hope VI Revitalization Grant Subaward	CovHouAu	\$5,000	CHP	Nursing
Lane, Adrienne	Nursing Advocacy Center for the Underserved: Assessing the Impact	AACNurse	\$5,000	CHP	AH
McErlane, Kimberly	Development and Expansion of a Hepatitis C Virus Screening for Homeless Adults in a Community Shelter	AACNurse	\$5,000	CHP	AH
Robinson, Denise	Horsemen's Wellness Center FY 14-15	KyRaceHW	\$399	CHP	Nursing
Pfendt, Kris	With Every Heartbeat There is Life	CovHouAu	\$1,000	CHP	Nursing
McErlane, Kimberly	Northern Kentucky Nursing Research Collaborative- St Elizabeth Medical Center	StEHosMC	\$43,000	CHP	Nursing
Foster, Cindy	City Heights Health Center at Ida Spence Mission: Pathways to Well-Being	GdSamFnd	\$54,400	CHP	Nursing
Allen, Sally	Idea State University	KySTCor	\$1,000	COB	CIE
Allen, Sally	Idea State University	KySTCor	\$6,000	COB	CIE
Stansbury-Koen, Jennifer	Collaborative for Inquiry-Based Instruction	CPE/FFT	\$149,970	COB	COBCEE
Kolbe, Richard	Understanding Alcohol Advertising Tactics and their Effect on Youth Cognitions about Alcohol	LoyolaU	\$39,918	COB	MGMT
Volpe, Rebecca	Small Business Development Center FY 14 - 15 State	KySBDC	\$13,500	COB	SBDC
Volpe, Rebecca	Small Business Development Center - FY 14-15 Federal Funds	USSBA	\$91,000	COB	SBDC
Faulkner, Shawn	CTE KTIP 2015	KyEPSB	\$3,609	COEHS	TeachEd
Crites, Steven	Kentucky Traineeship in Special Education - 2015-2016	KyDOEd	\$750,000	COEHS	TeachEd
Robinson Ervin, Portia	Culturally Responsive Computer-based Social Skills Instruction for Urban Learners with Emotional Disorders	InEdSci	\$399,731	COEHS	TeachEd
Kollock, Roger	Identifying the Risk of Musculoskeletal Injuries in Firefighters through Assessment of Balance, Movement Quality, and Functional Performance	FEMA	\$433,634	COEHS	KinHealt
Kasten, Sarah	Mathematics Advanced Teaching Clinical Heuristic (MATCH)	CPE	\$150,000	COEHS	TeachEd
Sharp, Jennifer	Northern Kentucky Center for Contemplative Pedagogy	CMindSoc	\$5,000	COEHS	CSWL
Peveler, Will	KBRIN: The Effects of Energy Drinks on Cardiovascular Measures and Sport Performance - Yr. 2	ULRF	\$47,807	COEHS	KinHealt
Faulkner, Shawn	KTIP Training & Oversight - FY 2016	EPSB	\$90,552	COEHS	TeachEd
Harley, Dana	Northern Kentucky University Social Work Accelerated Pathways Program (SWAP)	HRSA	\$1,941,041	COEHS	CSWL
Pope, Verl	Campbell County NCRMHC - FY 15	CampblCo	\$40,000	COEHS	CSWL
Ryan, Carol	Minority Educator Recruitment & Retention	KyDepEd	\$35,000	COEHS	CSWL
Harley, Dana	Minority Youth Violence Prevention	USDepJus	\$480,000	COEHS	CSWL
Jones, Melissa	Transition Programs for Students with Intellectual Disabilities into Higher Education-Yr 5	UKRF	\$17,036	COEHS	TeachEd
Cook, Susan	Kentucky Non-Public School Commission - FY 14-15	KyDOEd	\$56,084	COEHS	CSWL
Cook, Susan	Catholic Diocese of Kentucky	KyDOEd	\$57,539	COEHS	CSWL
Faulkner, Shawn	KTIP Training & Oversight - FY 2015, Additional Funds	EPSB	\$4,866	COEHS	TeachEd
Howard, Kathy	Public Child Welfare Certification Program FY 15-16	EKU	\$10,380	COEHS	CSWL
Howard, Kathy	University Training Consortium/IV-E FY 15-16	EKU	\$102,838	COEHS	CSWL
Runge, Sara	NWP SEED Teacher Leadership Development Grant	NatWritP	\$20,000	COEHS	TeachEd
Smith, Lynne	Kentucky Reading Project - Cadre 17	UKRF	\$55,900	COEHS	TeachEd
Allen, James	NKY Assistant Principals Network: Professional Learning that Increases Educator Effectiveness	CPE	\$20,000	COEHS	CSWL

Sherry, Tammie	Kentucky Leveraged Adolescent Literacy and Learning Initiative 2016	CCLitDev	\$79,774	COEHS	TeachEd
Wilkerson, David	SBIRT Health Professions Student Training Project Yr. 1	SAMHSA	\$895,892	COEHS	CSWL
Hao, Wei	Cloud Computing and Mobile App Development	GOOGLE	\$25,142	COI	CompSci
Zeman, Nicholas	Health Gamification Program	StEHosMC	\$9,279	COI	Comm
Walden, James	New (SFS) Scholarship for Service Program at Northern Kentucky University	NSF	\$2,654,952	COI	CompSci
Wang, Hongmei	Mapping Honeysuckle Spatial Distrubution in Hamilton County Parks by Using High-Resolution Aerial Images	HamCoPrk	\$8,000	COI	CompSci
Ozanich, Gary	Studying the Affordable Care Act Impact in Kentucky	HlthTech	\$356,110	COI	BusInfo
Drabik, Sara	What is Sex Science?	SocSSSex	\$3,316	COI	Comm
Doyle, Maureen	Introduction to Computing Camp	NCWomIT	\$3,000	COI	CompSci
Mospens, Susan	Student Support Services - Yr. 5	USDofEd	\$340,476	EDM	SSS
Padgett, Ryan	Student Support Services New Cycle Yr. 1	USDofEd	\$340,476	EDM	SSS
Hilleke, Gayle	Kentucky College Coaches - FY 14-15	HighEdAA	\$423,450	GERO	KCC
Hilleke, Gayle	AmeriCorps VISTA FY 15-16	CNCS	\$210,168	GERO	KCC
Hilleke, Gayle	Kentucky College Coaches FY 15-16	CNCS	\$365,623	GERO	KCC
Hilleke, Gayle	KY Service Corps	KyCouHFS	\$36,000	GERO	KCC
Hilleke, Gayle	Humanities in the Public Square	NEH	\$247,332	GERO	KCC
Neikirk, Mark	Mayerson Student Philanthropy Project- FY 14-15	MayerFnd	\$21,000	GERO	Scripps
Hilleke, Gayle	Kentucky College Coaches FY 15	KyCouHFS	\$263,515	GERO	KCC
Hilleke, Gayle	Kentucky Colleges Coaches - Berea Match FY 15	BereaCol	\$47,297	GERO	KCC
Neikirk, Mark	Regional Symposium on Voting Trends and Issues	SeasonFn	\$13,860	GERO	Scripps
Hilleke, Gayle	Campus Election Engagement Project	OHCampC	\$12,000	GERO	KCC
Berling, Vicki	ACE Credit for Prior Learning Stimulus Grant	ACounEdu	\$5,000	OUTREACH	UpwardB
Brose, Eric	Upward Bound - FY 14-15	USDofEd	\$332,018	OUTREACH	UpwardB
Brose, Eric	Upward Bound - Summer Food Service Program	USDofEd	\$4,000	OUTREACH	UpwardB
Sweeney, Beth	Intergovernmental Personnel Act Assignment	NSF	\$119,912	PROV	None
Parsons, Penny	Off Campus Federal Work Study Match	NKyCAC	\$3,333	PROV	None
Ryan-Perry, Siobhan	REAL Responsible Education About Life CHOICES	NCAA	\$30,000	SEDOS	StuEngag
Smith, Jennifer	May Hill Arbuthnot Honor Lectureship - 2016	ALibServ	\$7,550	STEELY	None
Mann, Sarah	Student Technology Leadership Program Showcase 2014-15	KyDepEd	\$3,000	STEELY	ATGCITE
Bibee, Sarah	WNKU Radio Community Service Grant- FY 2014-15	CPB	\$149,839	WNKU	None

TOTAL PROPOSALS: 131

TOTAL DIRECT COSTS: \$24,969,569