

Proposals by College and Department: July, 2015 (FY16)

University Totals: Number of Proposals **39** Amount Requested **\$3,902,948** Indirect Requested **\$496,511**

PROJECT TITLE			AGENCY NAME	FUNDS REQUESTED	INDIRECT REQUESTED
CEBS					
<u>School of Teacher Education</u>					
Huang	Xiaoxia "Silvie"	CAREER: Increasing Middle School Girls' Self-Efficacy	NSF	\$627,794	\$168,073
Szymanski	Toni	Effective Teaching: Facilitating Teacher Success in Impl	University of Iowa	\$111,982	\$33,122
DEPARTMENT TOTALS::		NUMBER: 2	DOLLAR AMOUNT	\$739,776	\$201,195
<u>T/TAS</u>					
Watkins	James	Head Start	DHHS/ACF	\$1,384,355	\$57,458
DEPARTMENT TOTALS::		NUMBER: 1	DOLLAR AMOUNT	\$1,384,355	\$57,458
COLLEGE TOTALS:		NUMBER: 3	DOLLAR AMOUNT:	\$2,124,131	\$258,653

PROJECT TITLE			AGENCY NAME	FUNDS REQUESTED	INDIRECT REQUESTED
CHHS					
<u>Kinesiology, Recreation & Sport</u>					
Crandall	Jason	Efficacy of a mobile application for improving older adult	RRF	\$94,682	\$7,696
DEPARTMENT TOTALS::		NUMBER: 1	DOLLAR AMOUNT	\$94,682	\$7,696
COLLEGE TOTALS:		NUMBER: 1	DOLLAR AMOUNT:	\$94,682	\$7,696

PROJECT TITLE			AGENCY NAME	FUNDS REQUESTED	INDIRECT REQUESTED
Ogden					
<u>Agriculture</u>					
Gumirakiza	J. Dominique	Capacity building for teaching, outreach, and research, lea	USDA	\$150,000	\$44,366
DEPARTMENT TOTALS::		NUMBER: 1	DOLLAR AMOUNT	\$150,000	\$44,366
<u>Biology</u>					
Ashley	Noah	Transcriptomics of the avian immune response to bacterial	KY NSF EPSCoR - Federal	\$24,828	\$0
Emani	Chandrakanth	Phytoremediation strategy utilizing transgenic stone pine t	KY NSF EPSCoR - Federal	\$14,998	\$0
Emani	Chandrakanth	Environmental-friendly Transgenic Sorghum Engineered	KY NSF EPSCoR - Federal	\$24,139	\$0
Emani	Chandrakanth	The effect of plant extracts on apoptosis, stress response a	KY NSF EPSCoR - Federal	\$10,000	\$0
Huskey	Steve	How do chameleons feel? Behavioral and neural response	KY NSF EPSCoR - State	\$15,000	\$0
Johnson	Jarrett	Quantitative genetics of a hybrid swarm	KY NSF EPSCoR - State	\$25,000	\$0
Srivastava	Ajay	A secondary screen for basement membrane degraders in	KY NSF EPSCoR - State	\$7,500	\$0
DEPARTMENT TOTALS::		NUMBER: 7	DOLLAR AMOUNT	\$121,465	\$0
<u>Chemistry</u>					
Cao	Yan	An Expanded Student Platform of The Preparation of the	KY NSF EPSCoR - State	\$15,000	\$0
Cao	Yan	Enhancement of Solar Fuel Productivity and Energy Cons	KY NSF EPSCoR - State	\$24,994	\$0
Dakshinamurthy	Rajalingam	Novel Self-Patented Gold Nanoparticles for Antimicrobial	KY NSF EPSCoR - State	\$15,000	\$0
Dakshinamurthy	Rajalingam	Novel Self-Patented Gold Nanoparticles for Antineoplasti	KY NSF EPSCoR - State	\$25,000	\$0
Maddox	Jeremy	Cluster-Weighted Modeling Approach to Potential Energy	KY NSF EPSCoR - Federal	\$24,996	\$0
Rathnayake	Hemali	Small Molecular Donor-Acceptor Dyads as Additives for	KY NSF EPSCoR - State	\$7,500	\$0
Slocum	Donald	Transfer Metalation	KY NSF EPSCoR - State	\$25,000	\$0
Zhang	Rui	Mechanistic and Synthetic Investigations on the Biomimet	KY NSF EPSCoR - State	\$25,000	\$0
DEPARTMENT TOTALS::		NUMBER: 8	DOLLAR AMOUNT	\$162,490	\$0
<u>Engineering</u>					
Ashrafzadeh	Farhad	CAREER: Environmentally Aware Appliances (EA2) – A	NSF	\$500,000	\$146,291
Ashrafzadeh	Farhad	Clothes load mass and type estimation for residential cloth	KY NSF EPSCoR - State	\$15,000	\$0
DEPARTMENT TOTALS::		NUMBER: 2	DOLLAR AMOUNT	\$515,000	\$146,291

PROJECT TITLE			AGENCY NAME	FUNDS REQUESTED	INDIRECT REQUESTED
<u>Geography & Geology</u>					
Gani	Nahid	Understanding paleo-topographic evolution of the Ethiopi	KY NSF EPSCoR - State	\$25,000	\$0
Groves	Chris	Application of 3D Fluorescence Spectra Analysis to Grou	KY NSF EPSCoR - Federal	\$24,996	\$0
Polk	Jason	Using Real-time Monitoring for Predictive Flood Modelin	KY NSF EPSCoR - Federal	\$24,500	\$0
DEPARTMENT TOTALS::		NUMBER: 3	DOLLAR AMOUNT	\$74,496	\$0
<u>Physics/Astronomy</u>					
Bonham	Scott	Learning to Evaluate Scientific Arguments	KY NSF EPSCoR - Federal	\$17,964	\$0
Carini	Michael	Rapid optical variability in optical and infrared bright blaz	KY NSF EPSCoR - State	\$7,500	\$0
Carini	Michael	Rapid Optical Variability in Optical and Infrared Bright B	NASA	\$29,996	\$8,872
Er	Ali	In-situ monitoring by reflection high-energy electron diffr	KY NSF EPSCoR - Federal	\$7,500	\$0
Er	Ali	Pulsed Laser Deposition System at Western Kentucky Uni	KY NSF EPSCoR - Federal	\$50,000	\$0
Er	Ali	Picosecond laser applications for pump-probe spectroscop	KY NSF EPSCoR - Federal	\$25,000	\$0
Gupta	Sanju	In-situ Electrochemical Diagnosis of Graphene Encapsula	KY NSF EPSCoR - State	\$7,500	\$0
Gupta	Sanju	Developing Hybrid Energy Storage Devices via Merging	KY NSF EPSCoR - State	\$25,000	\$0
Kintzel	Edward	Novel Cementitious Monoliths Embedded with Carbon N	KY NSF EPSCoR - Federal	\$23,732	\$0
DEPARTMENT TOTALS::		NUMBER: 9	DOLLAR AMOUNT	\$194,192	\$8,872
<u>Psychological Sciences</u>					
Hahn	Lance	Points of Disruption Within a Message	KY NSF EPSCoR - Federal	\$23,563	\$0
DEPARTMENT TOTALS::		NUMBER: 1	DOLLAR AMOUNT	\$23,563	\$0
COLLEGE TOTALS:		NUMBER: 31	DOLLAR AMOUNT:	\$1,241,206	\$199,529

PROJECT TITLE			AGENCY NAME	FUNDS REQUESTED	INDIRECT REQUESTED
Other					
ED TV & Radio Services					
Brinkley	David	Kentucky Public Radio Network Collaboration	CPB Private	\$350,000	\$17,500
DEPARTMENT TOTALS::		NUMBER: 1	DOLLAR AMOUNT	\$350,000	\$17,500
WKU Police Department					
Corbitt	Jerry	WKU Police Taser Procurement Request	KY Office of Homeland Security	\$4,754	\$0
DEPARTMENT TOTALS::		NUMBER: 1	DOLLAR AMOUNT	\$4,754	\$0
COLLEGE TOTALS:		NUMBER: 2	DOLLAR AMOUNT:	\$354,754	\$17,500

PROJECT TITLE			AGENCY NAME	FUNDS REQUESTED	INDIRECT REQUESTED
PCAL					
Folk Studies & Anthropology					
Hudepohl	Kate	Ethnographic Overview and Assessment - Mammoth Cav	NPS	\$68,175	\$10,154
Hudepohl	Kate	Ethnographic Overview and Assessment - Abraham Linco	NPS	\$20,000	\$2,979
DEPARTMENT TOTALS::		NUMBER: 2	DOLLAR AMOUNT	\$88,175	\$13,133
COLLEGE TOTALS:		NUMBER: 2	DOLLAR AMOUNT:	\$88,175	\$13,133