

A photograph of a university campus. In the foreground, there is a dense field of bright red tulips. Behind them is a green lawn with a paved path. In the background, there are several trees with green leaves and a large, multi-story brick building. The sky is clear and blue.

2013-2014

PITTSBURGH STATE UNIVERSITY
RESEARCH AND GRANTS
OPPORTUNITIES

FUNDING | SUPPORT
RESEARCH COLLOQUIUM
AWARDS | CONTACTS



Pitt
State

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PROPOSAL PREPARATION INCENTIVE

Submit a proposal for funding of at least \$15,000 and you will receive \$1,000 in professional development funds for one proposal every two years. Up to 10 proposal preparation incentives will be provided annually.

2013 - 2014 RECIPIENTS

Dr. Jody Neef, Chemistry

Ford Motor Co. Novel Materials Containing Thiophene Benzobisthiazole for \$61,928

Dr. Alice Sagehorn, Teaching & Leadership

US Department of ED Language and Culture in Paraguay Project for \$115,453

Dr. Santimukul Santra, Chemistry

NIH X-Ray and MR Image-Guided 3-Way Diagnosis and Targeted Endocrine Therapy of Breast Cancer Using an Innovative Multimodal Nanoplatform for \$336,744

SUMMER FACULTY RESEARCH FELLOWSHIPS

Pittsburg State University is committed to research and creative activities. These activities enhance the learning environment for the students and help to distinguish the University as a center for excellence in its disciplines. The Summer Faculty Fellowship provides a \$5,000 stipend to the recipient. (Please be aware that the stipend provided by this fellowship, should one be awarded, is taxable income.)The function of this Fellowship is to allow faculty members engaged in research or in creative activities to devote intense thought and activity to a single project. Projects which involve consulting activity, the production of teaching aids, enhancement of teaching skills, practice of professional skills outside the academic environment, “retooling” for new teaching assignments, development of Internet courses or other curriculum development activities will not be considered. Up to 4 Summer Faculty Research Fellowships will be provided. The deadline for applications is the first Monday in December.

2013 - 2014 RECIPIENTS

David Miller, Engineering Technology

External Active Assist Knee Range of Motion Device

Hermann Nonnenmacher, Biology

A Study of the Promethea Moth in Southwest Missouri and Southeast Kansas

Virginia Rider, Biology

Estrogen and Gender Biased Autoimmunity

Benjamin Tayo, Physics

Two Dimensional Atomic Crystals and Their Heterostructures

INDEPENDENT RESEARCH PROJECT FUNDING

Faculty may apply for up to \$2,000 to conduct an independent research project. The funds must be used for equipment or consumables needed for the project. Upon completion of the project the faculty member must submit a report describing the project, the students’ activities related to the project and the outcomes of the project. Students involved in the project are required to present the findings at the PSU Research Colloquium. The application deadlines are the third Monday in September and the first Monday in February. Up to 10 projects will be awarded.

2013 - 2014 RECIPIENTS

Sang-Heui Lee, Management & Marketing

Independent Project, Impact of Individual Perceptibility on Behavior Change to Use New Information Systems: A Moderating Effect of Psychological Variables

Jay Van Wyk & Sang-Heui Lee, Management & Marketing

Independent Project, Impacts of Institutional Indices on Logistic Performance

RESEARCH PROJECT FUNDING WITHIN A COURSE

Instructors may apply for up to \$1,000 to include a faculty mentored student research project in a course. The funds must be used for equipment or consumables needed for the project. Upon completion of the project the instructor must submit a report describing the project, the students’ activities related to the project and the outcomes of the project. Students involved in the project are required to present the findings at the PSU Research Colloquium. The application deadlines are the third Monday in September and the first Monday in February. Up to 10 projects will be awarded.

2013 - 2014 RECIPIENTS

Rion Huffman, Graphics & Imaging Technology

Do UV Brighteners in Paper Affect Design Choices in the Print Advertising Industry?

David Miller, Engineering Technology

Knee Rehabilitation Device and Moon Buggy Prototypes

RESEARCH STIPENDS FOR STUDENTS

2013 - 2014 RECIPIENTS

Austin Bailey, mentored by Dr. Jody Neef
Decaborane Salts for the Reduction of Corrosion in Nuclear
Plants

FACULTY MENTOR SUPPORT CONTRACT

2013 - 2014 RECIPIENTS

Dr. Jody Neef, Chemistry

Faculty may apply for up to \$1,000 to provide a stipend for a student to work on a faculty research project during the academic year. Students involved in the project are required to present the findings at the PSU Research Colloquium. The application deadlines are the third Monday in September and the first Monday in February. Up to ten (10) stipends will be awarded.

The Faculty Mentor Support Contract is an agreement to provide support for faculty conducting independent undergraduate research projects. Faculty who enter into a contract receive \$2,500 of professional development funds or a one course reduction in their teaching load after providing research mentoring for eight undergraduate students. Students involved in the project are required to present the findings at the PSU Research Colloquium. Up to four contracts will be supported annually.

STUDENT TRAVEL FUNDS TO PRESENT RESEARCH

2013 - 2014 RECIPIENTS

Tara Burch, Social Work
Experiences of South Asian Immigrant Families Caring for a Child with a Developmental Disability in the USA at the 2013 Southwest Conference on Disability on October 11-13, 2013 in Albuquerque, New Mexico.

Krystal Davis & Zachary Lynn, Geography & Sustainability, Society & Resource Management
Assessing and Evaluating environmental Literacy of University Freshmen at the National Applied Geography Conference on October 30 - November 1, 2013 in Annapolis, Maryland.

Rachel Rider, Melisa Doura, Mary English, Miranda McCuistion, Communication
Using the Research Journal to Grant Agency and Encourage Reflexive Praxis at the Organization for the Study of Communication, Language and Gender on October 10-13, 2013 in Houghton, Michigan.

Faculty may apply for up to \$300 per student with a maximum of \$1,000 (per project) for students to present their undergraduate research project at professional meetings. Students must be listed as co-author and must be presenting project findings. Students involved in the project are required to present the findings at the PSU Research Colloquium.

Natalia Schneider & Fabio Giacomelli, Biology
Plum Leaf Scald Disease at the Kansas Entomological Society on April 5, 2014 in Emporia, Kansas.

Samantha Young, Biology
Sand Fly Trapping in Southeast Kansas at the 61st Annual Meeting of the Entomological Society of America on November 11-13, 2013 in Austin Texas.

Samantha Young, Biology
Tall Thistle Pollination at the Kansas Entomological Society on April 5, 2014 in Emporia, Kansas.

MATCHING FUNDS

Research and Grant Administration will consider providing required matching funds for proposals and will assist faculty in collaborating with other departments to meet match requirements.

2013 - 2014 PROPOSALS

Dr. Mike Carper, Health, Human Performance & Recreation

Kansas Health Foundation

The Effects of an 8-week Exercise Program on Measures of Health-Related Fitness in Overweight and Obese Children

\$4,840

Dr. Ram Gupta, Chemistry

National Science Foundation

MRI: Acquisition of a Field Emission Scanning Electron Microscope

\$30,000

Dr. Erik Mayer, Engineering Technology

Kansas NSF EPSCoR First Award Program - Kansas University

Development of an FPGA-Based Adaptable Peak Current-Mode Control

\$6,142

GRANT WRITING WORKSHOPS

The cost to send faculty to grant writing workshops including registration and travel costs will be provided to improve the grant writing skills of faculty and encourage the submission of proposals for funding. Faculty who attend are expected to submit a proposal to an external funder within one year and make a short presentation about their workshop experience at a Faculty Research Brown bag Meeting.

2013 - 2014 RECIPIENTS

Dr. Sunghee Choi, Art

Grant Writing USA Workshop July 18-19, 2013 in Tulsa, OK

Dr. Janet Zepernick, English

Grant Writing USA Workshop July 10-11, 2013 in Wichita, KS

Dr. Sang Lee, Management & Marketing

Council for Undergraduate Research Dialogues February 20-22, 2014 in Washington D.C.

HANOVER GRANT CONSULTING

PSU has contracted with Hanover Grant Consulting Services to provide funder prospecting, proposal writing and proposal review services. These services are provided to assist faculty in developing big ideas into successfully funded projects.

2013 - 2014 COLLABORATORS

Dr. Michael Davidsson, Management & Marketing

Prospecting Memo Business Innovation Research Center

Dr. Ram Gupta, Chemistry

Proposal Review Kansas NSF EPSCoR Vertically Structured Nanorods of TiO₂ and Graphene for High Performance Photovoltaic Devices

Dr. Ram Gupta, Chemistry

Proposal Review NSF MRI-RUI Acquisition of A Field Emission Scanning Electron Microscope to Advance Education and Research at PSU

Dr. Jame McAfee, Chemistry

Proposal Review NSF RUI: Polymer Sensor Array for the Detection of Explosives

Dr. Jody Neef, Chemistry

Prospecting Memo Polymer Industry and Business Partnership Profiles

Dr. Jody Neef, Chemistry

Prospecting Memo Plastics That Conduct Electricity

Dr. Virginia Rider, Biology

Proposal Review NIH R15 Estrogen and Gender Biased Autoimmunity

Dr. Santimukul Santra, Chemistry

Proposal Review NIH R21 X-Ray and MR Image-Guided 3-Way Diagnosis and Targeted Endocrine Therapy of Breast Cancer Using an Innovative Multimodal Nanoplatfrom

Dr. Santimukul Santra, Chemistry

Prospecting Memo Multimodal Nanotheranostics

Mr. Randy Winzer, Engineering Technology

Proposal Review NSF S-STEM Engineering Technology Scholarship Program

Kansas Polymer Research Center; Prospecting Memo

OTHER RESEARCH ASSISTANCE

In addition to the incentives outlined above Research Administration will consider providing funding travel to meet with agency program officers and provides on campus proposal writing workshops.

POSTER PRINTING FOR PRESENTATION

2013 - 2014 POSTERS

Esam Allehyani, Chemistry

Electrochemical and Thermal Properties of Copolymers from 3-Phenyl[5] Ferrocenophane-1,5 3-Phenyl[5]Ferrocenophane-1,5-Dimethylene and Various Para Substituted Phenylmaleimides

Ahmed Alzharani, Chemistry

Electrochemical and Thermal Properties of Copolymers from Vinylferrocene and Various Para Substituted Phenylmaleimides

Tara Burch, Social Work

Experiences of South Asian Immigrant Families Caring for a Child with a Developmental Disability in the USA at the 2013 Southwest Conference on Disability on October 11-13, 2013 in Albuquerque, New Mexico.

John Candler, Chemistry

Green Synthesis of Limonene Polyol and Its Application for Preparation of Rigid Polyurethane Foams

Tanner Cheney, Chemistry

FT-IR Study of the Reactivity of Acetaldehyde with MgO Nanomaterial

Jonathon Cullison, Chemistry

NMR and Computational Studies of Isosorbide and Isomannide

Krystal Davis & Zachary Lynn, Geography & Sustainability, Society & Resource Management

Assessing and Evaluating Environmental Literacy of University Freshmen at the National Applied Geography Conference on October 30 - November 1, 2013 in Annapolis, Maryland.

Hannah DeVries & Trista Dugan, Biology

Assessing the Role of a LIM5 Homologue on Actin Filament Structure in Physcomitrella Patens

The cost of printing posters for presentation at professional meetings by PSU Printing and Design Services is provided. Send an e-mail stating the name, date and location of the conference along with the title of the poster to bpeery@pittstate.edu and receive prior approval for printing. PSU encourages the participation of faculty and students in the presentation of scholarly works.

Juan Gaucin, Chemistry

Low Temperature FT-IR Studies of Adsorption of Acetaldehyde of Doped TiO₂ Nanomaterials: Role of Acid-Base Sites

Michael Giffin, Chemistry

Effect of Thiophene Position on the Electronic Properties of Dithienyldibenzo[a,c]phenazine

Chris Hance, Chemistry

Effects of Supporting Electrolyte on the Performance of Glucose Sensors from Vinylferrocene Copolymers

Dr. Amy Hite, Nursing

Challenges of Course Redesign for Entry Level BSN Safety and Quality Curriculum

Dr. Amy Hite, Nursing

The Gift of Life: An Empirical Examination of Altruism, Social Distance and Material Incentives Among International Nurse's Motivation for Non-Directed Kidney Donation

Dr. Amy Hite, Nursing

Utilizing Simulation Scenarios in a Family Nurse Practitioner Curriculum to Improve Advanced Health Assessment Skills

Elias Mitchell, Chemistry

Synthesis and Magnetic Nanoparticles for Biomedical Applications

Eli Mitchell, Chemistry

Novel Technique to Synthesis Nanostructured Chromium Oxide

Dr. Santi Santra, Chemistry

Multimodal Nanotheranostics for Targeted Drug Delivery, MR Imaging, Cancer Therapy and Early Detection of Infectious Diseases

Dr. Surif Uran, Physics

SiO₂/Graphene Surface

Joshua Yeomans, Biology

Disruption of an SOS3 Homologue in Physcomitrella Patens

Samantha Young/Dr. David Gordon, Biology

The Sand Fly Project

Siping Zhuang, Chemistry

Computational Studies of Chromium Tricarbonyl and Other Species Adsorbed in Faujasite Zeolites



KANSAS RESEARCH DAY AT THE CAPITOL

2013 - 2014 PRESENTERS

Grace Anderson, Biology (Graduate)

Charcoal Rot Resistance in Transgenic Soybeans with Glucanase Gen Expression

Advisor: Dr. Dan Zurek

Kathleen Bishop, Sociology (Undergraduate)

The Gift of Life: An Empirical Examination of Altruism, Social Distance and Material Incentives Among International Nurse's Motivation for Non-Direct Kidney Donation

Advisor: Dr. Harry Humphries

Page Boydston, Psychology & Counseling (Graduate)

Effect of Perceptions of Autism on Participation in Parent Training

Advisor: Dr. Sean Lauderdale

Krystal Davis, Geography (Undergraduate)

Assessing and Evaluating Environmental Literacy of University Freshmen

Advisor: Dr. Catherine Hooey

Hilary D. Dicky, Lindsey Gordon, Health, Human Performance & Recreation (Graduate)

Comprehensive Fitness Assessments in College Aged Males and Females

Advisor: Dr. Mike Leiker, Dr. Mike Carper

Austin Feuerborn, Nick Praderio, Jacob Sanders, Automotive Technology (Undergraduate)

PSU Mini Baja

Advisor: Trent Lindbloom

Nineteen Pittsburg State University students presented posters about research projects they have been conducting this year at the Kansas State Capitol. On February 12, 2014, the PSU students joined students from other Kansas State Universities in presenting their research posters to Kansas State Legislators.

Juan Diego Gaucin, Chemistry (Undergraduate)

FTIR Investigation of the Role of Acid-Based Sites Over Doped TiO₂-Nanomaterials

Advisor: Dr. Dilip Paul

Shannon Jesberg, Whitney McCready, Social Work (Undergraduate)

Evaluation of Head Start Center's Family Support Services

Advisor: Dr. Brad Cameron

Samantha Meneely, Biology (Graduate)

Changes in Phosphorylation for Estrogen Receptor Alpha (ser 104/106, ser 118, ser 167) in Lupus Patients

Advisor: Dr. Virginia Rider

Elias Mitchell, Chemistry (Undergraduate)

Nanofibers of Hydroxyapatite Embedded Polyactic Acid for Biomedical Applications

Advisor: Dr. Ram Gupta

Mathew Reddick, Chemistry (Undergraduate)

Design and Synthesis of Novel Polymeric Nanotheranostics for the Targeted Imaging and Treatment of Cervical Cancer

Advisor: Dr. Santimukul Santra

Amrutha Varsha Tamanam, Engineering Technology (Graduate)

Development of an FPGA-Based Adaptable Peak Current-Mode Control

Advisor: Dr. Erik Mayor

Christopher Ward, Biology (Undergraduate)

Biochemical Kinetics in Characterization of Recombination Activation Gene 1

Advisor: Dr. Mandy Peak

Ashley Warner, Teaching & Leadership (Undergraduate)

Five Pre-Service Teachers' Observation, Analysis and Reflection

Advisor: Dr. Sunghee Choi

Samantha Young, Biology (Undergraduate)

Ecological Notes and Seasonal Activity of Sand Flies in Kansas

Advisor: Dr. Dan Zurek

PITTSBURGH STATE RESEARCH COLLOQUIUM

2013 - 2014 AWARD WINNERS

CATEGORY A

Sean McCartney, Engineering Technology
Graduate Research Presentation 1st Place

Adaption and Implementation of Building Information Modeling to Create a 3D Virtual PSU Model Construct of the PSU Campus for Improving Facilities Maintenance and for Use by Various Other Multiple Discipline Users

Advisor: Dennis Audo

Samantha Meneely, Biology
Graduate Research Poster 1st Place

Changes in Phosphorylation of Estrogen Receptor Alpha (Ser 104/106, ser 118, and ser 167) in Systemic Lupus Erythematosus Patients

Advisor: Dr. Virginia Rider

Kalee Woody, Chemistry
Undergraduate Research Presentation 1st Place

Targeting PSMA-Receptors with Glutamate-Conjugated Magnetic Nanoparticles: Novel Nanotheranostics for the Treatment of Prostate Carcinomas

Advisor: Dr. Santimukul Santra

Samantha Young, Biology
Undergraduate Poster 1st Place

Ecological Notes and Seasonal Activity of the First Population of Sand Flies (Diptera Psychodidae) Discovered in Kansas

Advisor: Dr. David Gordon

Every spring PSU celebrates the research, creative works and other scholarly projects conducted by our students. Students may enter their projects in oral presentations and/or poster presentations. Awards are given to graduate and undergraduate students for every five entries in each of the following categories: Category A: Science and Technology, Category B: Business, Education and Humanities, Category C: Creative Works and Category D: Literature Review Poster Presentations. Thank you to all the students who participated and faculty who mentored student research projects. Congratulations to the award winners.

Kalee Woody, Biology
Undergraduate Research Poster 2nd Place
Targeting PSMA-Receptors with Glutamate-Conjugated Magnetic Nanoparticles: Novel Nanotheranostics for the Treatment of Prostate Carcinomas

Advisor: Biology/Dr. Santimukul Santra

Rachel Miller, Chemistry
Undergraduate Research Poster 3rd Place (tie)
Continuous Research About the Highly Pathogenic Avian Influenza, H5N1 Virus

Advisor: Dr. Xiaolu Wu

Emily Wilson, Chemistry
Undergraduate Research Poster 3rd Place (tie)
Euryarchaeal Histones From Two Organisms Form a Physiologically Functional Hetero-Tetramer

Advisors: Dr. James McAfee, Dr. Irene Zegar

Blaze Heckert, Biology
Undergraduate Research Poster 3rd Place (tie)
Designer Polymeric Nanotheranostics for the Detection and Treatment of Cancer

Advisor: Dr. Santimukul Santra

CATEGORY B

Jordan Adams, History
Graduate Research Presentation 1st Place

Once More Unto the Breach: The Local History of Three American Wars

Advisor: Dr. Kristin Lawson

Ben Loats, Economics
Undergraduate Research Presentation 1st Place

Foreign Direct Investment into a Least Developed Country

Advisor: Dr. Anil Lal

Matthew Gallagher & Andrea Ashbacher,
Communication
Undergraduate Research Presentation 2nd Place
Exploring the Format of Inoculation Treatments: How Tactical Form Moderates Inoculation Message Treatment Effectiveness

Advisor: Dr. Alicia Mason

Katie Rennie, Kurston Zeiler & Carl Smith, Psychology
Undergraduate Research Poster 1st Place
Intolerance of Uncertainty and Looming Cognitive Style Mediates Attention Control and Avoidance

Advisor: Dr. Sean Lauderdale

FACULTY RECOGNITION AWARDS

2013 - 2014 RECIPIENTS

Dr. Zoran Petrovic, Chemistry
Outstanding Faculty Scholarship Award

CATEGORY C

Jenna Spencer, Art
Undergraduate Research Poster 1st Place

The Art of Dance

Advisor: Rhona Shand

CATEGORY D

Erin Martin, Nursing
Undergraduate Research Poster 1st Place

Pregnant Travelers and Malarial Infections

Advisor: Dr. Barbara McClaskey

Each spring, at the Graduate School and Research Awards Banquet, faculty members are recognized for their contribution to research. Awards are presented for Outstanding Faculty Scholarship and Outstanding Undergraduate Research Mentor. Thank you to all the faculty who conduct research and mentor students who conduct research.

PROPOSAL SUBMISSIONS

2013 - 2014 SUBMISSIONS

Finding additional funding to assist PSU in fulfilling the University's mission is vital to the continued improvement of PSU. Below are the proposals submitted in 2013-2014. Thank you to all the faculty and staff who submitted proposals for external funding.

Tom Amershek & Paul Stewart,

Administration
Westar Energy
PSU-Westar Solar Array Project
\$79,668

Daniel Betti, HPSS

NEH
What is the Number of God?
\$22,000

Michael Carper, HHPR

KS Health Foundation
The Effects of an 8-Week Exercise Program on Measures of Health-Related Fitness in Overweight Obese Children
\$20,000

Ann George, Teaching & Leadership

US Dept. of ED
i3 Together Everyone Achieves More
\$3,437,837

Cheryl Giefer, Nursing

NIH-HRSA
Advanced Education Nursing Traineeship
\$650,000

Ram Gupta, Chemistry

K-INBRE
Bioactive Polymeric Coatings on Magnesium for Biodegradable Metallic Implants
\$28,747

Ram Gupta, Chemistry

NSF
MRI: Acquisition of a Field Emission Scanning Electron Microscope
\$427,568

Ram Gupta, Chemistry

KS NSF EPSCoR
Vertically Structured Nanorods of TiO₂ and Graphene for High Performance
\$100,000

Joe Levens, Construction

AGC of America Education and Research Foundation
Implementation of Lean Construction Practices in Managing Construction Projects
\$9,000

Ivan Javni, KPRC

Smithbucklin Corp.
High Performance Glycerin-based Polyols
\$75,000

Ivan Javni, KPRC

Smithbucklin Corp.
Soybean Oil Based Polyurethanes by Non-
\$70,000

JT Knoll, Student Prevention

KU/HHS
Grant to Expand Care Coordination
\$8,200

Jim Lookadoo, Engineering Technology

WSU/KS NASA
2014 PSU Participation in NASA KS
\$19,910

Alicia Mason, Communication

OU/NSF
WSC-Category 1: Collaborative Research
\$200,000

Erik Mayer, Engineering Technology

NSF
Development of an FPGA-Based Adaptable Peak Current-Mode Control
\$240,818

Andrew Myers, KPRC

Greenbush/US ED
Polymer Sustainability Project
\$500,000

Jody Neef, Chemistry

American Chemical Society
Synthesis and Characterization of Novel Polythiophenes for Gas Sensing Application
\$55,000

Jody Neef, Chemistry

NSF
RUI: Synthesis and Characterization of Benzobisazole Containing Polythiophenes
\$118,424

Jody Neef, Chemistry

KS NSF EPSCoR
Composites Derived From CNTs and Copolymers Containing Vinylferrocenes with Pyrene Substituted Maleimides as Electron Acceptors for Photovoltaic Applications
\$37,359

Jody Neef, Chemistry

Dreyfus Foundation
2014 Jean Dreyfus Boissevain Lectureship for Undergraduate Institutes
\$18,500

Jody Neef, Chemistry

Ford Motor Co.
Novel Materials Containing Thiophene Benzobisthiazole
\$61,928

Virginia Rider, Biology

NSF
Prelim RUI Endocrine Control of Maternal Tolerance
\$200,000

Virginia Rider, Biology

K-INBRE
K-INBRE Undergraduate Coordinator Office
\$53,833

Virginia Rider, Biology

K-INBRE
Star Trainee: Blaze Heckert
\$8,671

Virginia Rider, Biology

K-INBRE
Undergraduate Coordinator Office Campus Coordinator Award
\$10,000

Virginia Rider, Biology

K-INBRE
Summer Scholars: DeVries, Miller, Thompson, Westby, Woody
\$24,575

Virginia Rider, Biology

K-INBRE
Carryover Funds
\$23,524

Virginia Rider, Biology

NIH: R15
Estrogen and Gender Biased Autoimmunity
\$350,000

Alice Sagehorn, Teaching & Leadership

OSU/US Dept. of ED
Transitions to Teaching
\$5,832

Alice Sagehorn, Teaching & Leadership

KSDE/US Dept. of ED
Scaling Up Technical Assistance System Coordination and Evaluation
\$339,369

Alice Sagehorn, Teaching & Leadership

KBOR/US Dept. of ED
Ensuring Academic Achievement by Increasing Reacher Quality in STEM
\$167,440

Santi Santra, Chemistry

MO Soybean Merchandising
Introducing Soybean Based Anti-oxidant and Theranostic Nanogels for Human Health
\$100,000

Santi Santra, Chemistry

KS Soybean Commission
Introducing Soybean Based Theranostic Nanomedicines for the Targeted X-Ray/CT and Treatment of Cancers
\$100,000

Santi Santra, Chemistry

K-INBRE
Development of Novel Sulfur-Containing Theranostic Nanomedicines for the Targeted X-Ray/CT Imaging and Treatment of Cancer
\$29,046

Santi Santra, Chemistry

NIH: R21
X-Ray and MR Image-Guided 3-Way Diagnosis and Targeted Endocrine Therapy of Breast Cancer Using an Innovative Multimodal Nanoplatfrom
\$310,000

Santi Santra, Chemistry

NIH: NIBIB
X-Ray and MR Image-Guided Targeted Endocrine Therapy of Cancer Using an Innovative Multimodal Nanoplatfrom
\$244,744

Smith Dixie, Biology

Grand River Dam Authority
Lake Hudson Kreeel Survey
\$37,897

Uran Serif, Physics

KU/US Dept. of Energy
Two-Dimensional Crystals and Their Heterostructures
\$228,215

Akram Taghavi Burris, Graphics &

Imaging Technology
OCLC/ALISE Library
Information Seeking and Building Through ...
\$12,000

Benjamin Tayo, Physics

KU/US Dept. of Energy
Two-Dimensional Crystals and Their Heterostructures
\$209,677

Randy Winzer & Seth O'Brien,

Engineering Technology
NSF S-STEM
Engineering Technology Scholarship Program
\$599,998

Alisa Zlatanic, KPRC

Kansas Soybean Commission
Preparation of High Oleic Soybean Oil by Selective Hydrogenation
\$50,000

COUNCIL FOR DISCOVERY & RESEARCH

The Council for Discovery and Research is the liaison between academic department and research administration. The goals of the Council are: 1) Foster an environment that encourages the production of high quality research across all disciplines represented across the University; 2) Promote and support the publication and presentation of scholarly work; 3) Enhance the receipt of external funding to support research and scholarly activities; 4) Promote the integration of research in teaching and learning; 5) Increase the visibility and recognition of our scholarly activities. Thank you to the faculty who served on the Council in 2013-2014.

2013 - 2014 MEMBERS

Chair Pawan Kahol	English Casie Hermansson Paul McCallum
Grants Coordinator Brian Peery	Family & Consumer Sciences Amber Tankersley
Accounting & Comp Info Systems Steve Del Vecchio	Government Relations Sean Naccarato
Art Emi Gennis	Graphics & Imaging Technologies Rion Huffman
Automotive Technology Tim Dell	Health, Human Performance & Recreation Michael Carper
Biology Virginia Rider	History, Philosophy & Social Science Harry Humphries
Chemistry Dilip Paul	Honors College Craig Fuchs
Communication Shirley Drew	Institutional Research Dai Li
School of Construction Norman Philipp	Library Randy Roberts
Economics, Finance & Banking Anil Lal	Kansas Polymer Research Center Andy Myers
Engineering Technology Russ Rosmait	

RESEARCH ADMINISTRATION CONTACT INFORMATION

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Management & Marketing Choong Lee
Mathematics Ananda Jayawardhana
Modern Languages & Literatures Eric Rojas
Music David Hurley
Nursing Cheryl Giefer
Physics Ben Tayo
Psychology & Counseling Sean Lauderdale
Teaching & Leadership Tatiana Sildus
Technology & Workforce Learning Greg Belcher

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