



Pittsburg State University

Graduate School & Research Awards Banquet



April 25, 2018

**Departmental Awards
Research Colloquium
Distinguished Thesis
Faculty Awards**



Welcome to the 2018 Graduate School & Research Awards Banquet

MENU

Grilled Chicken with Bruschetta Topping

• • •

Balsamic Marinated Portobello Mushrooms

• • •

Mixed Greens Salad with Asparagus, Tomato and Mozzarella Cheese
with Balsamic Vinaigrette or Ranch Dressing

• • •

Wild Rice

and

Fresh Green Beans

• • •

Dinner Rolls with Butter

• • •

Lemon Cake with Raspberry Drizzle

• • •

Iced Tea • Iced Water • Coffee

PROGRAM

Introductions	Dr. Pawan Kahol Dean, Graduate School
Welcome	Dr. Lynette Olson Provost & Vice President, Academic Affairs
Dinner	
Master of Ceremonies	Dr. Pawan Kahol
Remarks	Dr. Virginia Rider University Professor, Biology
Faculty Awards	Dr. Lynette Olson Provost & Vice President, Academic Affairs
Outstanding Faculty Scholarship Award	
Outstanding Undergraduate Research Faculty Mentor Award	
Outstanding Graduate Program Coordinator Award	
2018 Research Colloquium Winners	Dr. Jonathan Dresner Chairman, Graduate Council
Undergraduate and Graduate Research Oral Presentation Winners	
Undergraduate and Graduate Research Poster Winners	
High School Poster Winners	
2018 Capitol Research Summit	Dr. Steve Scott President, Pittsburg State University
The James B.M. Schick Midwest Quarterly/	Dr. Tim Flood Professor/Chair, Math & Board Member of The Midwest Quarterly
Graduate Studies Best Essay	
Outstanding Graduate Teaching Assistant Award	Dr. Howard Smith Associate Vice President, Enrollment Management and Student Success
Graduate Scholarships	Ms. Kathleen Flannery Vice President, University Advancement
McPherson Scholarship	
Clifford Long Scholarship	
Distinguished Thesis Award	Mr. Randy Roberts Dean/Professor, Library Services
Departmental Graduate Student Awards	Dr. Pawan Kahol
College of Arts and Sciences	Dr. Mary Carol Pomatto, Dean
Kelce College of Business	Dr. Paul Grimes, Dean
College of Education	Dr. Jim Truelove, Dean
College of Technology	Dr. Tim Dawsey, Dean
Graduate Dean Academic Honors	Dr. Pawan Kahol
Graduate Student Advisory Council Recognition	Dr. Pawan Kahol
Closing Remarks and Congratulatory Toast	Dr. Pawan Kahol

Faculty Awards

OUTSTANDING FACULTY SCHOLARSHIP AWARD

Nominees

- Dr. Ram Gupta, Chemistry
- Dr. Casie Hermansson, English
- Dr. Hyejoon Park, Social Work
- Dr. Connie Shum, Finance
- Dr. James Whitney, Biology

OUTSTANDING UNDERGRADUATE RESEARCH MENTOR

Nominees

- Dr. Christine Brodsky, Biology
- Dr. Ram Gupta, Chemistry
- Dr. Barbara McClaskey, Nursing
- Dr. Jeanne Norton, Engineering Technology
- Dr. Santimukul Santra, Chemistry

OUTSTANDING GRADUATE PROGRAM COORDINATOR

Nominees

- Dr. Eli Aba
- Dr. Jonathan Dresner
- Dr. Amy Hite
- Dr. Paul McCallum

Program

- M.S. Technology
- M.A. History
- M.S. Nursing
- M.A. English

Research Colloquium

Science and Technology

Participants

Nawaf Albeladi, Chemistry (Graduate)

A Facile Method to Synthesize Bi-Functional Nanostructured Nickel Compounds for Energy Storage and Water Splitting Applications

Ahlam Alghamdi, Chemistry (Graduate)

Cobalt oxide decorated polypyrrole: A Bi-Functional Material for Energy Applications

Ghazwan Alshammari, Physics (Graduate)

P-AlSbGe/n-Si (100) Photovoltaic Cells Produced by Thermal Evaporation

Mohammed Alshammari, Physics (Graduate)

n-AlSbCu/p-Si(111) Photovoltaic Cells Produced by Thermal Evaporation

May Altammar, Chemistry (Graduate)

High Performance and Durable Cobalt Sulfide for Energy Storage Applications

Michael Barnes, Biology (Graduate)

Stand-Level Density and Nesting Success of Bird Species in Response to Experimental Forest Management in the Missouri Ozarks

Ren Bean, Shrikant Anant, Quentin Austin, Tuhina Banerjee, Laci Hadorn, and Shuguftha Naz, Polymer Chemistry (Graduate)

Personalized Drug Cocktail-Carrying Nanomedicine for the Treatment of Cancer

Sanket Bhoyate, J. Chen, M. Ionescu, P. K. Kahol, and S. R. Mishra, Polymer Chemistry (Graduate)

Reactive Flame Retardants for Bio-derived Polyurethane Foams

Sanket Bhoyate, J. Chen, M. Ionescu, P. K. Kahol, S. R. Mishra, and D. Radojicic, Polymer Chemistry (Graduate)

Novel Reactive Polyols for Bio-based Rigid Polyurethane Foams

Kimberly Byler, Nursing (Graduate)

Progressive Muscle Relaxation and Simulation Anxiety in Nursing Education

James Daniel, Biology (Graduate)

The Effects of Clipping on the Biomass Production of Native Warm Season Grasses on Reclaimed Abandoned Coal Mine Soils

Advisors

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Serif Uran

Dr. Serif Uran

Dr. Ram Gupta

Dr. Andrew George

Dr. Santimukul Santra

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Mandi Alonzo

Dr. Dixie Smith

Research Colloquium

Participants

Saloni Darji, Polymer Chemistry (Graduate)
*Curbing Cancer via Peptide and Neem (*Azadirachta indica*) Extract*

Ashleigh Elbert, Biology (Graduate)
Expression of Ligand CCL19 in Dawley Rat Uterine Tissue and the Possible Action to Prepare for Implantation and Placentation in the Uterus

David Hollie, Biology (Graduate)
Avian Community Response to Experimental Forest Management in the Missouri Ozarks

Lucy Lotspeich, Graphics Management (Graduate)
Investigations of Factors that Affect Asthma Symptoms of College Students in Areas near Coalmines with a Possible Solution

Katie McMurry, Biology (Graduate)
Bird and Butterfly Species Richness Increase in Residential Yards Managed for Vegetation Complexity in Southeast Kansas

Kevin McNay, James Beach, Petar Dvornic, Jamie Messman, and Dragana Radojcic, Polymer Chemistry (Graduate)
Effects of Crosslinkers and Catalysts on Rheology and Shelf Stability of Silica-Filled Model Polysiloxanes

Kaustubh Mhatre, Engineering Technology (Graduate)
HVAC Energy Auditing

Camila Muliterno Zequine, Polymer Chemistry (Graduate)
Cost Effective Ways to Fabricate Multifunctional Nanostructured Materials for Energy Applications

Eric Mullins, Physics (Graduate)
Computational Studies of Copolymers Containing Ferrocene and Imidazole

Elena Olson, Biology (Graduate)
Application of Whole Genome Sequencing and Food Safety and Food Quality Control

Sneha Ramanujam, Polymer Chemistry (Graduate)
Magnetic Nanosensors for the Detection of Zika Virus

Advisors

Dr. Santimukul Santra

Dr. Virginia Rider

Dr. Andrew George

Dr. Tatiana Goris

Dr. Christine Brodsky

Dr. Jeanee Norton

Dr. Eli Aba

Dr. Ram Gupta

Dr. Benjamin Tayo

Dr. Anuradha Ghosh

Dr. Santimukul Santra

Research Colloquium

Participants

Zachary Shaw, Tuhina Banerjee, James Beach, Richard Gross, Jyothi Kallu, and Lok Shrestha, Polymer Chemistry (Graduate)
Revolutionary Treatment for Prostate Cancer: A Combination Approach Using TNF- α and Sphorolipids

Tanuja Tummala, Momin Ansare, Tuhina Banerjee, Saloni Darji, and Kalee Woody
Polymer Chemistry (Graduate)
Olaparib and Doxorubicin Carrying Translational Nanotheranostics for the Treatment of Prostate Carcinomas

Samantha Young Pryer, Biology (Graduate)
Floristic Survey of Crawford and Cherokee Counties Kansas: A Report of Known Taxa, Including 49 State Records

Chunyang Zhang, Sanket Bhoyate, and P.K. Kahol
Polymer Chemistry (Graduate)
Effect of Additive and Reactive Flame Retardants on the Physicomechanical and Flammability of Biobased Rigid Polyurethane Foams

Chunyang Zhang and P.K. Kahol, Polymer Chemistry (Graduate)
Cobalt Sulfide Nanowires as an Efficient and Stable Bifunctional Electrocatalysts for Overall Water Splitting

Chen Zhao, P.K. Kahol, K. Siam, and C. Zhang,
Polymer Chemistry (Graduate)
A Hybrid Electrode of Cobalt Oxide@Polypyrrole Nanostructure for High-Performance Supercapacitor and Oxygen Evolution Reaction

Chen Zhao, P.K. Kahol, K. Siam, and C. Zhang,
Polymer Chemistry (Graduate)
Highly Efficient and Durable Electrocatalyst of Fe-Ni Sulfides for Overall Water Splitting

Wesley Brantley, Tuhina Banerjee, Ren Bean, and Tanuja Tummala, Biology (Undergraduate)
Magnetic Nanosensor Platform for the Fast and Accurate Detection of Bacterial Contaminants in Platelet Concentrates

Advisors

Dr. Santimukul Santra

Dr. Santimukul Santra

Dr. Neil Snow

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Santimukul Santra

Research Colloquium

Participants

Brandy Brouhard, Rachael Ashcraft, Haley Carothers, Molly Crager, John Fredrickson, Olivia Houston, Sarah Lueck, Paula Ovelar Oviedo, Katrina Poulsen, Lucas Roecker, and Jessica Wright

Psychology (Undergraduate)

Does the Distribution of Attention in the Visual Field Conform to a Mexican-Hat Distribution?

Harley Burch and Seth Scott,

Electronic Engineering Technology (Undergraduate)

Wolf's Eye, Peripheral Car Detector for Semi-Trailers

James Burlingame, Mathematics (Undergraduate)

The Columbo Puzzle

Nicholas Burnett, Biology (Undergraduate)

Ecology and Prevalence of Ticks and Tick-borne Bacterial Pathogens in a Peri-urban Landscape of the Midwestern U.S.

Kylie Carnahan and Emily Fry, SSRM (Undergraduate)

Campus Tree Ecosystem Services: Carbon Sequestration and Student Cognition

Andrew Chesney, Chemistry (Undergraduate)

Drug Targeting of the Long Noncoding RNA XIST Found to be Involved in the Maintenance and Invasiveness of Various Cancer Cells

Avery Coronado, Seth Bohlken, Gage Fox, Thomas Prater,

Eric Schlange, and Landon Stephens,

Mechanical Engineering Technology (Undergraduate)

Walker Team

Lelan DeLissa, Electronic Engineering Technology (Undergraduate)

Implementation of a Video Game Using a Field Programmable Gate Array

Rebekah Elliott and Dr. James McAfee, Biology (Undergraduate)

Investigating Potential Anti-Cancer Drugs Targeting MALAT1, lncRNA Upregulated in Late-Stage Cancers

Robin Goodreau, Nathaneil Skinner, and Jake Wright

Biology (Undergraduate)

Park Visitor Perceptions of Nature in Southeast Kansas

Advisors

Dr. Bruce Warner

Mr. Randy Winzer

Dr. Yaping Liu

Dr. Anuradha Ghosh

Dr. Christine Brodsky

Dr. Irene Zegar

Mr. Brock Skaggs

Dr. Erik Mayer

Dr. Irene Zegar

Dr. Christine Brodsky

Research Colloquium

Participants

Gabriela Gumucio, Katlin Dunsing, Bethanne Elliott, Tara Gire, Rebecca Henderson, Kaylin Lake, Karlie Lower, Mattson Steele, Jasmine Tindle, Kimberly Yohe, and Rae Zeller,
Communication (Undergraduate)
Opportunities for Departmental Strategic Planning

John Hey, Sanket Bhoyate, and Dr. Ram Gupta,
Biology (Undergraduate)
Screening of Polyacrylonitrile Nanofibers Infused with Silver and Other Allied Nanoparticles for Antimicrobial Applications

Vedant Jain, Biology (Undergraduate)
Targeted and Specific Treatment of Non-Small Cell Lung Cancer Using Folic Acid Conjugated Nanoceria

Kelly Mallatt, Biology (Undergraduate)
Remediation of Tar Creek: Impacts on Bird and Plant Community Diversity

Tucker Morey, S. Bhoyate, Gautam Gupta, S. R. Mishra, Brooks Neria, Soubantika Palchoudhury, Felio Perez, Venkata Vasiraju, Z. Wang, and C. Zhang, Chemistry (Undergraduate)
Hydrogen Evolution Reaction Using MoS₂ Decorated Nanofibers

Tucker Morey, S. Bhoyate, Gautam Gupta, S. R. Mishra, Brooks Neria, Soubantika Palchoudhury, Felio Perez, Venkata Vasiraju, Z. Wang, and C. Zhang, Chemistry (Undergraduate)
MoS₂ Decorated Carbon Nanofibers as Efficient and Durable Electrocatalyst for Hydrogen Evolution Reaction

Abigail Morgan, Biology (Undergraduate)
Construction of a Bacterial Biosensor for Detection of Lead in Environmental Samples

Lewis Moore, Derek Hansen, Blake Hettinger, Derek Robertson, Lucas Wilson, and Yung Xie,
Manufacturing Engineering (Undergraduate)
Canoe Trailer

Oleksandra Pashchenko, Biology and Chemistry (Undergraduate)
Rapid Detection of Zika and Dengue with Functionalized Magnetic Nanosensors

Advisors

Dr. Alicia Mason

Dr. Anuradha Ghosh

Dr. Santimukul Santra

Dr. Christine Brodsky

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Philip Harries

Dr. David Miller

Dr. Santimukul Santra

Research Colloquium

Participants

Derek Scholes and Nathaneil Skinner, Biology (Undergraduate)
Status and Population Trends of the Gray Bat Colony in Pittsburg, KS

Lok Shrestha, Biology (Undergraduate)
One-Step Synthesis of Functional Polymer for Targeted Drug Delivery

Nathaneil Skinner, Biology (Undergraduate)
Seasonal Population Trends of the Gray Bat Colony in Pittsburg, Kansas

Ryan Walker, Biology (Undergraduate)
Analyzing the Gut Microbiome of Human Populations in Southeast Kansas

Brian Warner, Computer Information (Undergraduate)
eXpTools 3 Response Box

Primarily Business, Education, and Humanities

Jordyn Bollinger, Professional Writing (Graduate)
Needs Assessment of International English within PSU's Online Information

Chelsey Davenport, HHPR (Graduate)
Mobility and Aging: The Benefits of Incorporating Yoga Amongst Seniors

Lynzee Flores, Communication (Graduate)
Public Opinion & U.S. Foreign Policy: Investigating the Impact of Political Television Dramas on Audience Perceptions of Current U.S. Foreign Policy Engagement and Effectiveness

Joshua Horton, Alex Battitori, Tyler Breedlove, Morgan Ebbs, Courtney Schlund, and Chanda Williams, English (Graduate)
Too Many Cooks: Redesigning the English Program Website

Michaela Joines, Communication (Graduate)
Corporate Sponsorship and University Campuses: Determining the Effectiveness of University Sponsorship Efforts at Pittsburg State University

Cody Lindbloom, Serena Hoffman, Emily Loethen, Joshua Schooley, and Megan VanWey, Psychology (Graduate)
Gender and Ethnic Diversity Among College Students with ADHD Affect Faculty Perceptions and Willingness to Provide Accommodations

Advisors

Dr. Andrew George

Dr. Santimukul Santra

Dr. Andrew George

Dr. Mandy Peak

Dr. Bruce Warner

Dr. Jessica Jorgenson-Borchert

Dr. Scott Gorman and
Ms. Laura Covert

Dr. Alicia Mason

Dr. Celia Patterson

Dr. Troy Comeau

Dr. Jamie Wood

Research Colloquium

Participants

Lucy Lotspeich, Kasey Beeman, Cody Bryant, Phillip Foust, Forest Joseph, and Andrea Kent-McConnaughey
Graphics Management (Graduate)
Impact of Enchroma Glasses on Color Acuity

Laura Moldazhanova, Teaching English Language (Graduate)
Content Language Integrated Learning for Developing English Skills of ELLs

Sreerupa Sanyal, Communication (Graduate)
An Analysis on News Reading and News Sharing Among Students and Staff of Pittsburg State University

MacKenzi Tims, Communication (Graduate)
Political Satire: Changing the Landscape of Political Information Dissemination Among Millennial Voters

Matt Bonner, Economics (Undergraduate)
Application of the Panzar-Rosse Model: An Analysis of the Brewery Industry in the U.S.

Sirena Bruner and Madison Perez, Social Work (Undergraduate)
Factors Contributing to a Teen Mother's Choice to Attend or Not Attend College

Evan Burke, Elementary Education (Undergraduate)
A Case for a Classical Education

Amanda Bustamante, Communication (Undergraduate)
The Foster Care System and its Effects

Jasmine Crame, Elementary Education (Undergraduate)
Elementary Learning Progression

Rece Dawson, Finance/Economics (Undergraduate)
Anticipations with the Personal Savings Rate: An Outlook in the US Economy Today

Max Ernst, Finance/Economics (Undergraduate)
Salary Distribution in the NFL

Max Ernst, Finance/Economics (Undergraduate)
Why Modern Statistics are Better at Predicting Golfer Performance than Traditional Statistics

Advisors

Mr. Rion Huffman

Ms. Roza Zhussupova

Dr. Troy Comeau

Dr. Alicia Mason

Dr. Michael Davidsson

Dr. Hyejoon Park

Ms. Angela Abbott

Ms. Kristen Livingston

Ms. Amy Bartlow

Dr. Michael Davidsson

Dr. Michael Davidsson

Dr. Anil Lal

Research Colloquium

Participants

Tara Gire, Communication (Undergraduate)

Time Spent at the Workplace and its Effects on Relationships

Thomas Hext, Economics (Undergraduate)

An Inquiry into the Causes of Growth in Gross Domestic Product

Brenna Hoppes, Josh Brown, and Jennifer Johnson,

Psychology (Undergraduate)

Documentation for Accommodations for College Students with ADHD:

Commonly Missing Elements in Reports from Health/Mental Health Professionals

Blake Hudson, Business Management, Marketing (Undergraduate)

Boulevard Brewing Company Market Analysis

Brett Miller, Finance/Economics (Undergraduate)

An Analysis of Retail Sales in Micropolitan Areas in the Year 2000

Amy Mitrison, Social Work (Undergraduate)

How Technology Effects Students' Academically

Madeline Prachyl, Karen Boulanger, and Ashley Roberts,

Social Work (Undergraduate)

Success Rate for Non-Traditional Students Versus Traditional Students

Nicholas Robinson, Economics and Marketing (Undergraduate)

Which Affects GDP More: Exchange Rates or FDI

Olivia Stiens and Ashlin Wait, Social Work (Undergraduate)

The Effects of Substance Use in College Students

Kelsey Tallent, Finance/Economics (Undergraduate)

Gambling on Revenue

Ryan Urban, Communication (Undergraduate)

Linking Pokemon to Positivity

Ming Wie Khoo, Economics (Undergraduate)

How Does Foreign Direct Investment (FDI) Affect Environmental Pollution

Skyler Worley, Erykah McClendon, and Avery Mielke,

Psychology (Undergraduate)

Blackjack Player Choice, Superstition, and Calculated Odds of Winning

Advisors

Dr. Alicia Mason

Dr. Michael Davidsson

Dr. Jamie Wood

Dr. Lynn Murray

Dr. Michael Davidsson

Dr. Hyejoon Park

Dr. Hyejoon Park

Dr. Michael Davidsson

Dr. Hyejoon Park

Dr. Michael Davidsson

Dr. Troy Comeau

Dr. Michael Davidsson

Dr. Ryan Speelman

Research Colloquium

Participants

Creative Works

Katelyn Roth, Creative Writing (Graduate)
Bodyborders

Mark Weaver, English (Graduate)
Kablaka: Creating a Language

Willie Cowley, Illustration (Undergraduate)
The Brainy Bunch

Christopher Griffetts, Illustration (Undergraduate)
The Brainy Bunch

Christen Ireland, Fine Art (Undergraduate)
The Brainy Bunch

Kayla McCollough, English (Undergraduate)
The Nature of Poetry

Levi Qualls, Visual Art and Storytelling (Undergraduate)
The Brainy Bunch

Topical Literature Review

Ahlam Alghamdi, Chemistry (Graduate)
Hierarchical Core-Shell $\text{NiCo}_2\text{O}_4/\text{NiMoO}_4$ Nanowires Grown on Carbon Cloth as Integrated Electrode for High-Performance Supercapacitors

May Altammar, Chemistry (Graduate)
Triboelectrification-Induced Large Electric Power Generation from a Single Moving Droplet on Graphene/Polytetrafluoroethylene

Sanket Bhoyate, Kwadwo Mensah-Darkwa, and P.K. Kahol
Polymer Chemistry (Graduate)
Recent Development on Nanocomposites of Graphene for Supercapacitor Applications

Camila Muliterno Zequine, Polymer Chemistry (Graduate)
High-Performance Flexible Supercapacitors Obtained via Recycled Jute: Bio-Waste to Energy Storage Approach

Advisors

Ms. Laura Lee Washburn

Ms. Lori Martin

Ms. Portico Bowman

Ms. Portico Bowman

Ms. Portico Bowman

Ms. Lori Martin

Ms. Portico Bowman

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Ram Gupta

Dr. Ram Gupta

Research Colloquium

Participants

Jose Parlade, Clinical Psychology (Graduate)
The Effects of 3D and Action-Platform Video Games on the Hippocampus and Caudate Nucleus

Bailee Deviney, Nursing (Undergraduate)
The Influence of Music in the Operating Room

Emily Dickey, Nursing (Undergraduate)
Long-Term Deleterious Effects of Sports-Related Concussions

Bailey Flora, Nursing (Undergraduate)
Delayed Cord Clamping vs. Immediate Cord Clamping

Abby Ford, Nursing (Undergraduate)
Homeless Population Affecting the Emergency Department

Jenna Gilstrap, Nursing (Undergraduate)
The Impact of Nurse Staffing Ratios

Katie Jo Hull, Nursing (Undergraduate)
Should Nurse Patient Ratios be Better Regulated to Improve Patient Outcomes?

Hannah Jones, Nursing (Undergraduate)
Pediatric Pain Assessment

Grady Lenihan, Nursing (Undergraduate)
Chest Physiotherapy and Atelectasis

Hannah Myers, Nursing (Undergraduate)
Barriers of Intimate Partner Violence Screening

Leslie Nichols, Nursing (Undergraduate)
Intraoperative Skin Prep Solutions

Zion Oppriecht, Nursing (Undergraduate)
Noise in the Hospital: Is it Harmful?

Jillian Otter, Nursing (Undergraduate)
Vaginal Birth after Cesarean

Paula Ovelar Oviedo, Psychology (Undergraduate)
Autism Spectrum Disorder: A Review

Advisors

Dr. Gwen Murdock

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Chris Spera

Research Colloquium

Participants

Jack Patterson and Jill Fischer, Psychology (Undergraduate)
Autism Spectrum Disorder: A Review

Paige Peppard, Justice Studies (Undergraduate)
Vipassana: Mindfulness in the Prison System

Joao Poli, Chemistry (Undergraduate)
High Performance and Flexible Supercapacitors Based on Carbonized Bamboo Fibers for Wide Temperature Applications

Kohl Slaughter, Nursing (Undergraduate)
Evidence-Based Management of Concussions

Jodi Stuhlsatz, Nursing (Undergraduate)
Literature Review of Kangaroo Care

Theresa Umscheid, Nursing (Undergraduate)
The Zinc Link to Cancer

Emma Vogel, Nursing (Undergraduate)
Placentophagia: Is it Nutritious?

Long Xiao, Political Science (Undergraduate)
Looking to the Past, For Future: Implications and Connections Between Confucianism, Constructivism and the Rise of China

Mariah Zerr, Nursing (Undergraduate)
Mirror Therapy in Stroke Patients

High School

Laura Anderson, Joplin High School (High School)
*Effects of Soil Nitrogen Levels on Action Potential Duration of *Dionaea Muscipula**

Ashley Blumenthal, Park Hill High School (High School)
The Role of Bereavement on Short-term and Long-term Subjective Well-Being

Keaton Campbell, Joplin High School (High School)
The Impact of Shared Characteristics on Empathy Towards Perpetrators

Advisors

Dr. Julie Allison

Dr. Roy Janisch

Dr. Ram Gupta

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Barbara McClaskey

Dr. Kayce Mobley

Dr. Barbara McClaskey

Ms. Karisa Boyer

Ms. Sara Capra

Ms. Karisa Boyer

Research Colloquium

Participants

Cassandra Chandler, Joplin High School (High School)
Effect of Organic and Processed Foods on Coenobita Clypeatus

Jackson Elder, Park Hill High School (High School)
Learning and Loot

Riley Fitzmorris, Park Hill High School (High School)
The Fourth Wave of Feminism

Lauren Fogarty, Joplin High School (High School)
Effect of Olive Leaf and Grapefruit Seed Extracts on Four Species of Beneficial Intestinal Bacteria

Casie Geddry, Joplin High School (High School)
Examining Antibacterial Effect of Instant Coffee vs Medium Ground Coffee on Escherichia Coli

Noah Harris, Park Hill High School (High School)
Lowering the Minimum Legal Drinking Age

Savannah Huff, Joplin High School (High School)
Neutralizing Free Radical Peroxynitrite Using Antioxidants

Megan Hyatt, Sanket Bhojate, Madhav Ghimire, P.K. Kahol, Sanjay Mishra, Tucker Morey, Charith Ranaweera, and Chunyang Zhang, Labette County High School (High School)
Eco-Friendly and High Performance Supercapacitors for Elevated Temperature Applications Using Recycled Tea Leaves

Mollie Judd, Prairie View High School (High School)
Improving the Criteria for Judging Various Breeds of Rabbits Improves the Quality of Breeds

Rebecca Kerr, Prairie View High School (High School)
Teaching Kids that Science is Fun with Constellations

Silvester Lorencik, Prairie View High School (High School)
The Importance of Foreign Languages and the Lack of Language Focus in the United States

Amber Manning, Prairie View High School (High School)
The Connection Between Religion and Happiness

Advisors

Ms. Karisa Boyer

Ms. Sara Capra

Ms. Sara Capra

Ms. Karisa Boyer

Ms. Karisa Boyer

Ms. Sara Capra

Ms. Karisa Boyer

Dr. Ram Gupta

Ms. Christy Nickelson

Ms. Christy Nickelson

Ms. Christy Nickelson

Ms. Christy Nickelson

Research Colloquium

Participants

Amanda Nelson, Prairie View High School (High School)
Social Media and Business Workplace: No Longer Separated

Brooks Neria, Sanket Bhoyate, M. Ghimire, M. Hyatt, P. K. Kahol, S.R. Mishra, Felio Perez, and C. Zhang,
Carl Junction High School (High School)
Nitrogen-Doped Flexible Carbon Cloth for Durable Metal Free Electrocatalyst for Overall Water Splitting

Samuel Peterson, Joplin High School (High School)
The Effect of Diet on Murine Vaginal Microbiota

Josie Philips, Joplin High School (High School)
The Environmental Effect on Cognitive Ability in Cichlasoma Synspilum X Cichlasoma Citrinellum

Veda Reinhardt, Prairie View High School (High School)
United States vs The World: Gun Control

Johnathan Reynolds and Dalton Sylva,
Prairie View High School (High School)
The Superior Linux Desktop Environment for New Users

Alexandria Ried, Prairie View High School (High School)
How Wireless Technology Can Cause Autism and Other Health Risks

Jona Roberts, Park Hill High School (High School)
Family Life and Gender Identity

Hannah Scott, Park Hill High School (High School)
Sexualization in Advertising

Carly Short, Joplin High School (High School)
The Effects of Ammonium Nitrate on Brassica Rapa Growth in Stem and Roots

Savana Quinn Smith, Joplin High School (High School)
The Effect of Different Antibiotic Treatments on Urinary Tract Infections Linked to Escherichia Coli

Advisors

Ms. Christy Nickelson

Dr. Ram Gupta

Ms. Karisa Boyer

Ms. Karisa Boyer

Ms. Christy Nickelson

Ms. Christy Nickelson

Ms. Christy Nickelson

Ms. Sara Capra

Ms. Sara Capra

Ms. Karisa Boyer

Ms. Karisa Boyer

Research Colloquium

Participants

Phoebe Watson, Joplin High School (High School)
Effect of Herbal Treatments on Staphylococcus aureus subsp. aureus, Staphylococcus epidermidis, and Malassezia globosa in Atopic Dermatitis

Sofonyas Woldekidan, Park Hill High School (High School)
Fully Reusable Launch System

Taylor Yuhas, Joplin High School (High School)
Effect of Artificial Sweeteners on Daphnia magna Survival Rate and Heart Rate

Advisors

Ms. Karisa Boyer

Ms. Sara Capra

Ms. Karisa Boyer

Research Colloquium

2018 Research Colloquium Judges

Dr. Theresa Presley, ACIS	Dr. Rick Hardy, HHPR
Dr. Wei Sha, ACIS	Dr. Cole Shewmake, HHPR
Dr. Anuradha Ghosh, Biology	Dr. John Daley, HPSS
Dr. Virginia Rider, Biology	Dr. Marjorie Donovan, HPSS
Dr. Neil Snow, Biology	Dr. Sang-Heui Lee, Management and Marketing
Dr. Ram Gupta, Chemistry	Dr. Bienvenido Cortes, MBA
Dr. Jody Neef, Chemistry	Ms. Gena Coomes, Nursing
Dr. Santimukul Santra, Chemistry	Dr. Jennifer Harris, Nursing
Dr. Irene Zegar, Chemistry	Dr. Amy Hite, Nursing
Mr. Leonard Hudson, Communication	Dr. Karen Johnson, Nursing
Ms. Kristen Livingston, Communication	Dr. Trina Larery, Nursing
Dr. Shirley Drew Triplett, Communication	Dr. Barbara McClaskey, Nursing
Dr. Jessica Jorgenson Borchert, EML	Dr. Ben Tayo, Physics
Dr. Chase Dearing, EML	Dr. Serif Uran, Physics
Ms. Lori Martin, EML	Dr. Ryan Speelman, Psychology
Ms. Laura Lee Washburn, EML	Dr. Brian Sims, TCHL
Dr. David Miller, Engineering Technology	Dr. Eli Aba, TWL
Brian Peery, Graduate & Continuing Studies	Dr. Tatiana Goris, TWL
B.B. Stotts, Graduate & Continuing Studies	Dr. McLisa Rogers, TWL
Mr. Rion Huffman, GIT	Dr. Judy Smetana, TWL

*ACIS = Accounting and Computer Information Systems

*EML = English and Modern Languages

*GIT = Graphics and Imaging Technologies

*HHPR = Health, Human Performance, and Recreation

*HPSS = History, Philosophy, and Social Sciences

*TCHL= Teaching and Leadership

*TWL = Technology and Workforce Learning

2018 Capitol Research Summit

Undergraduate - February 14, 2018 Topeka, Kansas • Graduate - March 27, 2018 Topeka, Kansas

Best Undergraduate Poster John Hey

Title: Screening of Polyacrylonitrile Nanofibers Infused with Silver and other Biology

Allied Nanoparticles for Antimicrobial Applications

Award: \$200

Best Graduate Poster Ren Bean

Title: Personalized Drug-Cocktail Nanomedicine for the Treatment of Prostate Cancer Chemistry

Award: \$500

Kansas Bioscience Best Poster Award Sanket Bhoyate

Title: Industrially Producing High-Performance Corn-Oil Based Polymer Chemistry

Flame Retardant Rigid Polyurethane Foams

Award: \$500

Missouri Valley Parental Drug Association Ren Bean

Title: Personalized Drug-Cocktail Nanomedicine for the Treatment of Prostate Cancer Chemistry

Award: \$500

Undergraduate Students

Wesley Brantley, Chemistry

John Hey, Biology

Mallory Gibson, Biology

Kelly Mallatt, Biology

Tucker Morey, Chemistry

Graduate Students

Ahlan Alghamdi, Chemistry

Ren Bean, Chemistry

Sanket Bhoyate, Chemistry

Hannah Martin, MBA Business Administration

Sreerupa Sanyal, Communication

The James B.M. Schick Midwest Quarterly/ Graduate Studies Best Essay

Winner:

Katelyn Roth, English
Ryan Urban, Communication

Judges:

Dr. John Daley
History, Philosophy and Social Sciences
Dr. Casie Hermansson
English and Modern Languages
Dr. Don Viney
History, Philosophy and Social Sciences

Outstanding Graduate Teaching Assistant

Nominees

Michael Barnes
Kayla Bartelsmeyer
Stormy Carter
Nayan Chavda
Xavier Martinez
Katie McMurry
Samuel L. Miller
Chelsey Powell-Davenport
Katelyn Roth
Melissa Stebbins

Department

Biology
Human Resource Development
Nursing
Technology and Workforce Learning
Chemistry
Biology
Biology
Health, Human Performance and Recreation
English
Technology and Workforce Learning

Graduate Scholarships

McPherson Scholarship - \$750

Winner

Lauren Jenkins
Susan Leichter
Shana Warren
Elaine Zych

Program

M.S. Psychology
M.S. Human Resource Development
M.S. Human Resource Development
M.A. Teaching - Special Education

Clifford Long Scholarship - \$500

Winner

Mary Caudill

Program

Non Degree Seeking

Distinguished Thesis

Thesis By

Jason Belcher, History
Gladstonian Liberalism: A Catalyst for Social Representation and Democratic Reform in Victorian

Sanket Bhoyate, Chemistry
A Detailed Study of Novel High-Performance Bromine and Phosphorus Based Reactive Flame Retardents in Hi-Quality Bio-Polymer Based Rigid Polyurethane Foams

Melissa Fite Johnson, English
If You'd Lived It

Jess Macy, English
Relief

Eric Mullins, Physics
Characterization of Polymers Containing Ferrocene and Imidazole

Katelyn Roth, English
Bodyborders

Natalia Agostini Schneider, Biology
Herpetological Collections at Pittsburg State University: Assessing Collecting Patterns and Analysis of Spatial and Temporal Origin of Specimens

Hannah Claire Walker, English
Bone Dollars

Chunyang Zhang, Chemistry
Highly Flame Retardent and Bio-Based Polyurethane Foams Derived From Orange Peel Oil

Advisors

Dr. Michael Thompson

Dr. Ram Gupta

Ms. Laura Lee Washburn

Ms. Laura Lee Washburn

Dr. Ben Tayo

Ms. Lori Martin

Dr. Neil Snow

Ms. Laura Lee Washburn

Dr. Ram Gupta

2018 Distinguished Thesis Judges

Dr. Andrew George, Biology

Dr. Casie Hermansson, English

Dr. William Shirley, Chemistry

Dr. Scott Thuong, Mathematics

COLLEGE OF ARTS & SCIENCES

Excellence in Professional Service

Michael Barnes, *Biology*
 Xavier Martinez, *Chemistry*
 Jacob Wylie, *Chemistry*
 Lynzee Flores, *Communication*

Georgette Searan, *Mathematics*
 Caitlin White, *Mathematics*
 Daniel McDill, *Music*
 Chelsea Pfeifer, *Music*

Michele Carey, *Nursing*
 Cody Parden, *Physics*
 Kevin McNay, *Polymer Chemistry*
 Camila Zequine, *Polymer Chemistry*

Excellence in Research

Abrar Alzahrani, *Biology*
 Michael Barnes, *Biology*
 Ashleigh Elbert, *Biology*
 David Hollie, *Biology*
 Ahlam Alghamdi, *Chemistry*
 Nehad Nafawi, *Chemistry*

Michaela Joines, *Communication*
 Joshua Horton, *English*
 Melissa Fite Johnson, *English*
 Katelyn Roth, *English*
 Alyssa Becho, *History*
 Jeffrey Armstrong, *Mathematics*

Landis Duff, *Mathematics*
 Kimberly Byler, *Nursing*
 Ghazwan Alshammari, *Physics*
 Mohammed Alshammari, *Physics*
 Eric Mullins, *Physics*
 Ren Bean, *Polymer Chemistry*
 Sanket Bhoyate, *Polymer Chemistry*

Excellence in Scholarship

Michael Barnes, *Biology*
 David Hollie, *Biology*
 Katherine McMurry, *Biology*
 Samuel Miller, *Biology*
 Kiralyn Mosier, *Biology*
 Elena Olson, *Biology*
 May Altammar, *Chemistry*
 Bayan Dous, *Chemistry*

Olivia Ellison, *Communication*
 Jordyn Bollinger, *English*
 Bradley Gaddy, *English*
 Joshua Horton, *English*
 Jessica Macy, *English*
 Pilar Pedraza-Bailey, *History*
 Haley Botts, *Mathematics*
 Zachary Bowen, *Mathematics*

Katherine Honeywell, *Mathematics*
 Michael Morrison, *Mathematics*
 Peter Frost, *Music*
 Allen Parrish, *Music*
 Krystal August, *Nursing*
 Kimberly Byler, *Nursing*
 Tracy Stahl, *Nursing*
 Tanuja Tummala, *Polymer Chemistry*
 Chunyang Zhang, *Polymer Chemistry*

Excellence in Teaching

Michael Barnes, *Biology*
 Katherine McMurry, *Biology*
 Samuel Miller, *Biology*
 Kiralyn Mosier, *Biology*
 Momin Ansare, *Chemistry*
 Dagen Worthington, *Chemistry*
 Hannah Ishmael, *Communication*

Joshua Horton, *English*
 Katelyn Roth, *English*
 Haley Botts, *Mathematics*
 Caitlin White, *Mathematics*
 Han Xue Gao, *Music*
 Daniel McDill, *Music*
 Allen Parrish, *Music*

Chelsea Pfeifer, *Music*
 Tracy Stahl, *Nursing*
 Michael Anderson, *Physics*
 Eric Mullins, *Physics*
 Zachary Shaw, *Polymer Chemistry*
 Chen Zhao, *Polymer Chemistry*

KELCE COLLEGE OF BUSINESS

Excellence in Professional Service

Brytton Strickler, *Dean's Office*

Wade Kriebel, *Management & Marketing*

Excellence in Research

Shelby Whitley, *Dean's Office*

Excellence in Scholarship

Preston Coffman, *Economics, Finance & Banking*
 Emilia Cardenas, *Management & Marketing*
 Ali Noyes, *Management & Marketing*

Macey Puckett, *Management & Marketing*
 Chandler Templin, *Management & Marketing*

Excellence in Teaching

George Friedrich, *Dean's Office*

Jasiya Jiwani, *Economics, Finance & Banking*

COLLEGE OF EDUCATION

Excellence in Professional Service

HHPR - Health, Human Performance and Recreation

Aireanne Horsch, *HHPR*

Kireston Luptak, *HHPR*

Derek McKnight, *HHPR*

Brittany Thomas, *HHPR*

Sheri Cornett, *Teaching & Leadership*

David Henderson, *Teaching & Leadership*

Hannah Wright, *Teaching & Leadership*

Excellence in Research

Leah Berg, *Teaching & Leadership*

Monica Ross, *Teaching & Leadership*

Excellence in Scholarship

Natalie Passalacqua, *HHPR*

Andrew Roomy, *HHPR*

C.J. Myers, Jr, *Psychology & Counseling*

Breanna Bowzer, *Teaching & Leadership*

Dixie Budimlija, *Teaching & Leadership*

Jennifer Coughlin, *Teaching & Leadership*

Jordan Dickey, *Teaching & Leadership*

Sara Dziadosz, *Teaching & Leadership*

Jimmika Lawson, *Teaching & Leadership*

Kayla Pullium, *Teaching & Leadership*

Excellence in Teaching

Chelsey Davenport, *HHPR*

Katherine Pinto, *HHPR*

Samantha Way, *HHPR*

Sophia DeSilva, *Teaching & Leadership*

Janet Johnson, *Teaching & Leadership*

Lisa Sulenes, *Teaching & Leadership*

COLLEGE OF TECHNOLOGY

Excellence in Professional Service

TWL - Technology & Workforce Learning

Phillip Foust, *Graphics and Imaging Technology*

Lucy Lotspeich, *Graphics and Imaging Technology*

Janet Holden, *TWL - Career and Technical Education*

Brad Koehn, *TWL - Career and Technical Education*

Collin Pfeifer, *TWL - Career and Technical Education*

Melissa Stebbins, *TWL - Career and Technical Education*

Mark Welle, *TWL - Career and Technical Education*

Kayla Bartelsmeyer, *TWL - Human Resource Development*

Nayan Chavda, *TWL - Technology*

Samuel Galliart, *TWL - Technology*

Excellence in Research

Jessica Ripper, *TWL - Human Resource Development*

Sarah Sims, *TWL - Human Resource Development*

Colby Sisson, *TWL - Human Resource Development*

Sarah Winfrey, *TWL - Human Resource Development*

Excellence in Scholarship

Romil Mihir Pandya, *Construction*

Matt Magee, *TWL - Career and Technical Education*

Mark Welle, *TWL - Career and Technical Education*

Hannah E. Burns, *TWL - Ed.S.*

Heather Busch, *TWL - Human Resource Development*

Brenda Hawkins, *TWL - Human Resource Development*

Jessica Ripper, *TWL - Human Resource Development*

Colby Sisson, *TWL - Human Resource Development*

Olga Pak, *TWL - Technology*

Excellence in Teaching

Jose Sampalo, *Engineering Technology*

Caitlin Calloway, *Family and Consumer Science*

Breanna Esslinger, *Family and Consumer Science*

Sonora Jones, *TWL - Career and Technical Education*

Melissa Stebbins, *TWL - Career and Technical Education*

Kayla Bartelsmeyer, *TWL - Human Resource Development*

Nayan Chavda, *TWL - Technology Management*

Graduate Dean Academic Honors

*Graduate Dean Academic Honors graduates are designated by a double gold cord worn around the neck at Commencement.
These graduates have earned a 4.0 GPA in their graduate candidacy.*

Kristin N. Abbey
Amy Alderman
Tara Anderson
Yoshikazu Arai
Gwen Jocelyn Atkinson
Krystal Marie August*
Joni Suzette Benso
Leah J. Berg
Shauna M. Berntsen
Sanket Datta Bhoyate
Sadie Ann Bicknell*
Rachel Lynae Binder
Jordyn L. Bollinger
Kylie M. Booth
Alana R. Bowles
Breanna Bowzer
Brandon J. Boyd
Karisa Lee Boyer
Andrew L. Brennon
Lauren Nicole Burkhart
Hannah Elizabeth Burns*
Heather Lynn Busch
Kimberly S. Byler*
James W. Byrne
James F. Cameron*
Kayla Jo Campbell
Anthane Jayce Cobb*
Cyndi R. Conway*
Kenneth Dale Coyle
Jessica Lea Crager
Susan Joy Dalke
Jennifer A. Danaher
Trenton A. Ditto
Landis James Duff
Julia L. Ellerman
Trevor R. Elliott
Ashlee Michael Espinoza
Lee Ann Fent
Elizabeth A. Filson*
Lindsey Michelle Fink
Leshia A. Franklin
George M. Friedrich
Bradley Benjamin Gaddy*
Tyler T. Gray

Jalynn J Guiot
Paul Martin Hansen III
Brenda S. Hawkins
David F. Hendershot*
Courtney Grace Hensler*
Hillary Hicks
Boston Higgins
Joshua T. Horton
Paula M. Hough
Lee Anne Housley
Hannah Kristine Howard*
Juliana D. Hughes
Theresa M. Hundley
Elrin Lewis Hundley II
Staci Hunt
Hannah M. Ishmael
Jai Michal Johnson
Jeffrey D. Johnson
Michaela Jane Joines
Alisha Rene Marie Jones*
Sonora Sue Jones
Aaron Allan Ketcher
Hannah Ketterman
Sarah Kiphart*
Andrew L. Kipp
Phylicia N. Knapp*
Akoua Iliana Milene Koffi*
Catherine Lynn Laird
Karesa Genell Lucille Lewis
Paige Evelyn Lungwitz*
Jessica E. Macy
Matthew F. Magee
Jodi Lynn Malick
Eric E. Martinez
Julie McCain*
Daniel Wilson McDill
Emily J. Meiwes*
Kachina Ann Mickleitto
Kasey Miller
Margaret S. Miller*
Marvin Miller
Samuel Lee Miller
Dana Nicole Monhollon
Marissa Lauren Morris*

Kiralyn Nicole Mosier
Eric L. Mullins
Lucas Alden Newell
Kimberlee Anne O'Bray*
Ralynda D. Oehme*
Julie Elizabeth Oswald*
Kristy M. Padgett
Ryan J. Panko*
Allen Ray Parrish
Michelle M. Pascal*
Natalie Renee' Passalacqua
Amy R. Phelps
Barbara Renae Poindexter*
Jason Juan Ramirez
Suzanne Elizabeth Ramsey*
Cassie E. Rhuems
Jessica M. Ripper
Lisa M. Rockhold
Monica Lynn Ross
Katelyn Roth
Alisha Dawn Rutherford*
Kelsey M. Schmidt*
Rance Dalton William Schoenhals
Dustin Schrag*
Anice Richelle Sewell
Jungyull Shin*
Sara Simpson
Rebecca Marie Skinner
Angela Renee Slater
Denise Kaylene Southard*
Jessica D Stahl*
Kelsey L. Stimatze
Kevin D. Tackett*
Emily Ann Thayer*
Lan Anh Phan Tran
Thomas J. Triplett
Mark J. Welle
Dustin P. Wetzel
Caitlin Elizabeth White
Rachel K. Whitehead
Kelli D. Wolken
Kari A. Wood
Daniel W. Woolcott
Rachel Yakshaw*

Samantha Young Pryer
Chunyang Zhang
Elaine M. Zych

*Summer 2018 Graduates



GSAC

Graduate Student Advisory Council

Graduate Student Advisory Council Membership

David Hollie, Biology

Ashleigh Elbert, Biology

Jacob Wylie - Chemistry

Sanket Bhoyate - Polymer Chemistry

Michaela Joines - Communication

Harpreet Singh - Engineering Technology

Chaitanya Kodavala - Engineering Technology

Katelyn Roth - English and Modern Languages

Jessica Macy - English and Modern Languages

Claudia Carter - History

Victoria Carter - History

Haley Smith - HHPR

Nicholas Drake - HHPR

Samantha Way - HHPR

Samantha Bradshaw - MBA

Emilia Cardenas - MBA

Rance Schoenhals - MBA

Haley Botts - Mathematics

Caitlin White - Mathematics

Daniel McDill - Music

Allen Parrish - Music

Stormy Carter - Nursing

Anna Beth Gilmore - Nursing

Eric Mullins - Physics

Celeste Ambrose - Psychology & Counseling

Amanda Welch - Psychology & Counseling

Haley Mona - Psychology & Counseling

Derrick Decker - TCHL Educational Leadership

Jennifer Coughlin - TCHL Education Technology

Megan Klein - TCHL Education Technology

Lauren Burkhart - TCHL Reading/Elementary/Secondary

Janet Johnson - TCHL Reading/Elementary/Secondary

Anil Pinnamaneni - Technology

Nayan Chavda - Technology

Lucy Lotspeich - Technology/GIT

Heather Busch - TWL Human Resource Development

Mollie Drapeau - TWL Human Resource Development

Brenda Hawkins - TWL Human Resource Development

.....
Advisors:

B.B. Stotts, Graduate and Continuing Studies

Brenda Roberts, TCHL

2017-2018 Officers

President - Lucy Lotspeich

Vice President - Daniel McDill

Secretary/Treasurer - Haley Botts



GORILLA VILLAGE

You're Invited

Graduate Student
P I C N I C

April 27th, 2018

5:00pm - 7:00pm

@ the Gorilla Village

Bring your friends and family. There will be multiple games to play. For dinner we will have **Walking Tacos** and **Walking S'mores** for dessert.

Presented By:



GSAC

Graduate Student Advisory Council

Graduate and Continuing Studies | 112 Russ Hall



Graduate School and Research Awards Banquet

Sponsored by:

Pittsburg State University
Graduate School

Pittsburg State University • Graduate and Continuing Studies • 112 Russ Hall • 1701 South Broadway • Pittsburg, KS 66762-7540
Phone: 620 235 4223 • Fax: 620 235 4219 • Email: cgs@pittstate.edu • pittstate.edu/graduate