

# *Notable Scholarly Graduate Student*

## ACHIEVEMENTS

*Presented by Kansas State University's Graduate Student Council*

*Volume 8, Issue 4, August 2018*

Kansas State University's Graduate Student Council would like to recognize several graduate students who have earned notable scholarly recognition. All recommendations were made by K-State faculty who have worked with the students and feel the student should be recognized. This list is by no means inclusive of all the graduate student accomplishments across the university but is a representative return from the faculty. The students who have been recommended have been grouped based on the type of achievement and by academic unit. The major professor or adviser of each student or the professor submitting the achievement is recognized in parentheses after each student's name and award, if available. The Graduate Student Council acknowledges the production assistance of the K-State Division of Communications and Marketing.

## EXCELLENCE AWARDEES

*Several students have received outstanding student awards, achievement awards and teaching awards and are listed below.*

### **Agronomy**

Erin Bush

Received the Graduate Student Teaching Award from the North American Colleges and Teachers of Agriculture. The award is for graduate student members of the organization who are involved in classroom instruction. The award is a criterion-based award and is reviewed by a committee of the organization's members. To qualify for the award, a graduate student must have been involved in classroom teaching for a minimum of one year.  
**(Dr. Michel Ransom)**

Che-Jen "Jerry" Hsiao

Received the Graduate Student Teaching Award from the North American Colleges and Teachers of Agriculture. The award, for graduate student members of the organization who are involved in classroom instruction, recognizes and rewards graduate students who excel as teachers in the agricultural disciplines. To qualify for the award, a graduate student must have been involved in classroom teaching for a minimum of one year. Criteria included in the evaluation are the graduate student's teaching philosophy, statement of support from supervising faculty, evaluations submitted by students and an administrative officer, a self-evaluation, involvement in teaching outside the classroom, and a description of the candidate's specific teaching involvement.  
**(Dr. Chuck Rice)**

Tiffany Carter

Received the Graduate Student Teaching Award from the North American Colleges and Teachers of Agriculture. The award, for graduate student members of the organization who are involved in classroom instruction, recognizes and rewards graduate students who excel as teachers in the agricultural disciplines. To qualify for the award, a graduate student must have been involved in classroom teaching for a minimum of one year. Criteria included in the evaluation are the graduate student's teaching philosophy, statement of support from supervising faculty, evaluations submitted by students and an administrative officer, a self-evaluation, involvement in teaching outside the classroom, and a description of the candidate's specific teaching involvement.  
**(Dr. Chuck Rice)**

### **Hospitality Management and Dietetics**

Naiqing Lin

Was a Central Federation CHRIE finalist for best research paper and best research poster at the third annual Central CHRIE Federation Conference, April 6-7, at Iowa State University in Ames, Iowa. Lin presented the paper, co-authored with Kevin Roberts, "Destination Personality of Kansas: How to Make the Metaphor Simpler?" He also presented the poster, co-authored with Roberts, "Exploring unobserved heterogeneity of food safety behavior: A meta-analysis."  
**(Dr. Kevin R. Roberts)**

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## SCHOLARSHIP AWARDEES

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*Those students who were awarded notable scholarships are listed below, with a brief description of the scholarship, if available.*

### Educational Leadership

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Tess Hobson  
Received the College of Education Social Justice Education Scholarship for summer 2018.  
(Dr. Susan Yelich Biniecki)

Angela Messer  
Received the College of Education Social Justice Education Scholarship for summer 2018.  
(Dr. Robert Hachiya)

### Human Ecology

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James Bridges  
Received the College of Education Social Justice Education Scholarship for summer 2018.  
(Dr. Amber Vennum)

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## FELLOWSHIP AND GRANT AWARDEES

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*Significant fellowships or grants were awarded to the following students. A brief description of the award is included, if available.*

### Hospitality Management and Dietetics

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Xiaoye Li  
Received the \$1,000 Doctoral Dissertation Research Award, which is presented to outstanding final-year doctoral students in the College of Human Ecology.  
(Dr. Junehee Kwon)

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## CONFERENCE AND COMMITTEE PARTICIPANTS

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*Graduate students who were selected to give oral or poster presentations at professional conferences are listed below with a brief description of the conference, if available. Students who attended a prestigious conference or had their work included in an exhibition are also listed below.*

### Animal Sciences and Industry

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Julie A. Sauls  
Made three presentations at the annual American Dairy Science Association meeting. These included one 15-minute oral presentation, "Resynchronization treatments in dairy cows at non-pregnancy diagnosis (NPD) based on the presence or absence of a corpus luteum (CL)," and two posters: "Physiologic responses to feeding rumen-protected glucose (RPG) to lactating dairy cows" and "Relationships of metabolites and hormones in follicular fluid (FF) and blood serum (BS) in transition dairy cows supplemented with a *Saccharomyces cerevisiae* fermentation product (SCFP)."  
(Dr. Jeffrey S. Stevenson)

### Communications and Agricultural Education

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Darcie Gallagher  
Presented "Teacher Efficacy and Burnout in Novice Agriculture Education Teachers" at the American Counseling Association annual conference, April 26-29, in Atlanta.  
(Dr. Jonathan Ulmer)

### Curriculum and Instruction

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Jay Koupal  
Presented "Trio-Ethnography: Discovering How Previous Experiences Guide Our Inquiry" at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois.  
(Dr. Frederick Burrack)

Andrew Tinsman  
Presented "Auto-ethnography: Trio-Ethnography: Discovering How Previous Experiences Guide Our Inquiry" at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois.  
(Dr. Fred Burrack)

Yifan Liao  
Presented "Exploring How EFL Students in the United States Experience and Understand the Foreign Language Anxiety" at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois.  
(Dr. Socorro Herrera)

Meaghan Cochrane	Presented “Colored Perspectives: A Multidimensional Poetic Performance of a (Re)imagined Canvas for Critical Dialogue and Engagement” at the American Educational Research Association annual conference in New York City. <b>(Dr. Kakali Bhattacharya)</b>	Angela Messer	Presented “Trio-Ethnography: Discovering How Previous Experiences Guide Our Inquiry” at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois. <b>(Dr. Robert Hachiya)</b>
Erica Sponberg	Presented “Single-Case Design and the L2 in a Second Language Classroom” at the 2018 TESOL International Convention and English Language Expo in Chicago. <b>(Dr. Socorro Herrera)</b>	Katie Allen	Presented “Merit-Based Pay in Kansas: Competing Actors and Motives” at the American Educational Research Association annual conference. <b>(Dr. Donna Augustine-Shaw)</b>
<b>Educational Leadership</b>		<b>Hospitality Management and Dietetics</b>	
Bernard Harris	Was an invited lecturer at the National World War I Museum in Kansas City, Missouri. The event was hosted by the National Archives in partnership with the National World War I Museum and Memorial. Harris, a retired U.S. Army colonel, presented “In the Know: African-Americans in Times of War.” <b>(Dr. Jeff Zacharakis)</b>	Eunhye Park	Participated in the annual Asia-Pacific CHRIE conference and presented as a first author. <b>(Dr. Junehee Kwon)</b>
		<b>Special Education, Counseling, and Student Affairs</b>	
Keondria McClish	Presented “Black Women, Spirituality, and Disruptive Narratives” at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois. <b>(Drs. Royce Ann Collins and Kakali Bhattacharya)</b>	Brian Weber	Presented “A Life Course View of the Theoretical Orientation Development Process in Counselors” at the American Counseling Association annual conference, April 26-29, in Atlanta. <b>(Dr. Kenneth Hughey)</b>
Constance Carpenter	Presented “Leveraging the Critical Incident Technique (CIT in Identifying Effective Team Learning Thematic Paradigms): Adult Learners Meaning Making of an Adult Education Master’s Degree Program” at the 58th annual Adult Education Research Conference, June 8-10, in Victoria, British Columbia, Canada. <b>(Dr. Susan Yelich Biniecki)</b>		

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## NOTABLE PUBLISHED WORKS

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*The following students have published notable works. A brief description of the written work and journal, if available, is included for each student.*

<b>Biology</b>		<b>Electrical and Computer Engineering</b>	
Claire Ward	Received the Outstanding Paper Award for Young Scientists for a publication on space research written with Trisha Rettig. Both Ward and Rettig were graduate students in Stephen Chapes’ lab in the Division of Biology. <b>(Dr. Stephen Chapes)</b>	Aswad Adib	Had three conference papers accepted and submitted the completed manuscripts. Two of the conference papers have been accepted in IEEE ECCE 2018 in Portland, Oregon. Adib will attend this conference and present the papers in September. The remaining conference paper was accepted by IEEE COMPEL 2018, which was in Padova, Italy. <b>(Dr. Behrooz Mirafzal)</b>
Trisha Rettig	Received the Outstanding Paper Award for Young Scientists for a publication on space research written with Claire Ward. Both Rettig and Ward were graduate students in Stephen Chapes’ lab in the Division of Biology. <b>(Dr. Stephen Chapes)</b>		
		<b>Hospitality Management and Dietetics</b>	
		Eunhye Park	Published a study on corporate social responsibility communication shared via Twitter. <b>(Dr. Junehee Kwon)</b>

## Mathematics

Tahmineh Azizi

Published "Modeling Gold Nanoparticle Biodistribution after Arterial Infusion into Perfused Tissue: Effects of Surface Coating, Size and Protein Corona." This research details the pharmacokinetics of gold nanoparticle (AuNP) biodistribution after arterial infusion of 40 or 80 nm AuNP (1 µg/ml) into the isolated perfused porcine skin flap. The findings clearly indicate arterial to the venous extraction of AuNP after infusion with the magnitude of extraction being greatest with the BPEI surface coating and provide data and model structure necessary to construct the whole body physiologically based pharmacokinetic models capable of utilizing available in vitro data. This study clearly demonstrate that arterially infused 40 or 80 Au NP of three different surface coatings with or without

defined protein coronas were distributed to perfused skin in the absence of any indicator of adverse vascular or cellular effects, supporting Au nanoconstructs for intravenous nanomedicine applications. Secondly, both 40 and 80 nm cationic BPEI coated AuNP had preferential tissue accumulation compared to other coatings, a finding consistent with in vitro cell uptake studies and suggesting that even after exposure and perfusion in complex protein containing media, the core cationic surface charge still potentiates biodistribution. This is the first reported extension of in vitro cell uptake data to an ex vivo model using this medically important class of NP. This work was supported by the Kansas Biosciences Authority and the Nanotechnology Innovation Center of Kansas State University.  
(Dr. Majid Jaber-Douraki)

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## TRAVEL GRANT AWARDEES

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*A travel grant was awarded to the students listed below. A description of the travel grant is included, if available.*

### Agronomy

Erin Bush

Received the Graduate Student Council Travel Award and the \$900 Wilford Gardner Travel Fellowship to attend and present an oral paper based on her master's research at the 21st World Congress of Soil Science in Rio de Janeiro, Brazil, Aug. 12-17.  
(Dr. Michel Ransom)

Tiffany Carter

Received a CHS-North American Colleges and Teachers of Agriculture Travel Grant to attend the national meeting at Iowa State University, June 12-15. Travel grant winners were selected from a competitive application process.  
(Dr. Chuck Rice)

### Communications and Agricultural Education

Darcie Gallagher

Received a College of Education Travel Grant to present "Teacher Efficacy and Burnout in Novice Agriculture Education Teachers" at the American Counseling Association annual conference, April 26-29, in Atlanta.  
(Dr. Jonathan Ulmer)

### Curriculum and Instruction

Jay Koupal

Received a College of Education Travel Grant Award to present "Trio-Ethnography: Discovering How Previous Experiences Guide Our Inquiry" at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois.  
(Dr. Frederick Burrack)

Andrew Tinsman

Received a College of Education Travel Grant Award to present at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois.  
(Dr. Fred Burrack)

Yifan Liao

Received a College of Education Travel Grant Award to present at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois.  
(Dr. Socorro Herrera)

Meaghan Cochrane

Received a College of Education Travel Grant to present at the American Educational Research Association annual conference in New York City.  
(Dr. Kakali Bhattacharya)

Erica Sponberg

Received a \$750 College of Education Travel Grant to present at the 2018 TESOL International Convention and English Language Expo.  
(Dr. Socorro Herrera)

### Educational Leadership

Keondria McClish

Received a College of Education Travel Grant Award to present at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois.  
(Drs. Royce Ann Collins and Kakali Bhattacharya)

Constance Carpenter

Received a College of Education Travel Grant to present at the 58th annual Adult Education Research Conference, June 8-10, in Victoria, British Columbia, Canada.  
(Dr. Susan Yelich Biniecki)

Angela Messer	Received a College of Education Travel Grant Award to present at the 14th International Congress of Qualitative Inquiry, May 16-19, in Urbana, Illinois. (Dr. Susan Yelich Biniecki)	Special Education, Counseling and Student Affairs	Brian Weber	Received a College of Education Travel Grant Award to present "A Life Course View of the Theoretical Orientation Development Process in Counselors" at the American Counseling Association annual conference, April 26-29, in Atlanta. (Dr. Kenneth Hughey)
Katie Allen	Received a College of Education Travel Grant to present at the American Educational Research Association annual conference. (Dr. Donna Augustine-Shaw)			

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## COMPETITION AWARDS

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*Graduate students who received awards at conference poster competitions, oral presentation competitions, research forum presentation competitions and other similar competitions are listed below with a brief description of the entry/award, if available.*

### Agronomy

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Prajaya Prajapati  
 Received second place in the Student Poster Presentation Competition at the 33rd Conference on Agricultural and Forest Meteorology.  
 (Dr. Eduardo Alvarez Santos)

### Animal Sciences and Industry

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Christian Muller  
 Recognized as runner-up in the Plains Nutrition Council's poster competition for his poster "Restricting use of tylosin phosphate to the final 34 days on feed: Implications for feedlot performance, carcass characteristics, and liver abscess incidence in steers," which was co-authored with H.C. Muller, L. Horton\*, D.F.A. Costa, R.G. Amachawadi, H.M. Scott, and J.S. Drouillard  
 (Dr. James Drouillard)

### Diagnostic Medicine and Pathobiology

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Mariana Menegat  
 Participated in the American Society of Animal Science's Young Scholars program. The scholars, four to six students in the last year of their dissertation research selected from across the U.S. and Canada, are invited speakers at the society's annual meeting to present their work.  
 (Dr. Steve Dritz)

### Electrical and Computer Engineering

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Mohsen Shid Pilehvar  
 Received the Award of Excellence for Outstanding Contributions in Graduate Teaching from the electrical and computer engineering department at its sixth annual awards banquet.  
 (Dr. Behrooz Mirafzal)

### Food science

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Karthik S. Babu  
 Placed third in the Graduate Student Poster Presentation Contest in Dairy Foods, which was sponsored by the American Dairy Association at its 2018 annual meeting in Knoxville, Tennessee.  
 (Dr. Jayendra Amamcharla)

Ben Ma  
 Placed second in the Graduate Student Poster Presentation Contest in Dairy Foods, which was sponsored by the American Dairy Association at its 2018 annual meeting in Knoxville, Tennessee.  
 (Dr. Jayendra Amamcharla)

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## ADDITIONAL HONORS AND AWARDS

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### Educational Leadership

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Bernard Harris

Was interviewed June 20 about his research on the training of African-American soldiers during World War I by NPR-affiliate KCUR for its “Central Standard” program, <http://kcur.org/post/seg-1-immigrant-families-separation-seg-2-african-americans-world-war-i>. He also gave a scholarly presentation at the National World War I Museum and Memorial in Kansas City. His presentation was sponsored by the National Archives of Kansas City, The National WWI Museum and Memorial, and the Greater Kansas City Black History Study Group. This video of the presentation is now listed permanently on the World War I Museum’s YouTube channel under African-Americans in times of War, [https://www.youtube.com/watch?v=\\_LZtLZnTk\\_k](https://www.youtube.com/watch?v=_LZtLZnTk_k). Harris’ research, “Chipping away at the bedrock of racial intolerance: Fort Des Moines and black officer training, 1917-1918,” was published this summer by the Annals of Iowa. (Dr. Jeff Zacharakis)

### Diagnostic Medicine and Pathobiology

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Marianna Menegat

Was the invited junior platform speaker to present an abstract of her research, “Evaluation of Phase-Feeding Strategies and Lysine Specifications for Grow-Finish Pigs.” This research was selected because of its direct effects on improving swine producer profitability. (Dr. Steve Dritz)

### Computing and Information Sciences

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Vahid Behzadan

Published a paper with Arslan Munir in WAISE 2018 titled: “A Psychopathological Approach to Safety Engineering in AI and AGI.” Based on this work, Behzadan and Munir got an invitation for interview with Axios, which Behzadan did and can be found at <https://www.axios.com/ai-might-need-a-psychologist-1529700757-a21b0d80-727a-402f-91d8-3196150d59ed.html>. Behzadan and Munir also published “Vulnerability of Deep Reinforcement Learning to Policy Induction Attacks” in the Proceedings of the International Conference on Machine Learning and Data Mining in July 2017. This article had gotten 24 citations as of July 1. In addition, Behzadan has contributed the code developed for the above mentioned work to GitHub’s CleverHans project, <https://github.com/tensorflow/cleverhans>, which is a library for constructing artificial intelligence attacks, building defenses and benchmarking. His name was included as an author, because of his contribution in the library, in the Technical Report produced by the developers of the CleverHans project. The technical report had obtained 62 citations as of July 1. (Dr. Arslan Munir)

## Contact

*If you have any questions, comments or corrections, please contact Dr. Megan Miller ([mmmiller@ksu.edu](mailto:mmmiller@ksu.edu)),  
Graduate School Student Success Coordinator.*