

Notable Scholarly Graduate Student

ACHIEVEMENTS

Presented by Kansas State University's Graduate Student Council

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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.

Curriculum and Instruction

Meaghan Cochrane

Presented the Outstanding Graduate Student Award for spring 2017 from the College of Education.
(Dr. Kakali Bhattacharya)

Erica Sponberg

Won first place from the Kansas Association of Broadcasters in the public affairs program graduate student division for her show, "What's Happening in Your World." Airing on KSDB-FM, the university's student-run radio station, the hour-long, interview format show highlights individuals in the Manhattan community and plays the music that inspires their work. It's the third time Sponberg has placed first in this category.
(Dr. Socorro Herrera)

Educational Leadership

Teara Flagg Lander

Received the Outstanding Graduate Student in Education Award from the College of Education.
(Dr. Kakali Bhattacharya)

Horticulture and Natural Resources

Mingying Xiang

Presented with the Chris Stiegler Turf Science Student Travel Award and Fellowship, which were created to honor Stiegler's memory and contributions to the Turfgrass Science Division of the Crop Science Society of America. Xiang was selected based on her academic performance in the classroom, scholarly research achievements and leadership activities. Her work focuses on reducing water and other inputs in turfgrass systems through

evaluating breeding lines and studying novel blends of different turfgrass species.
(Drs. Jack Fry and Megan Kennelly)

Kinesiology

Brittany Hollerbach

Inducted into Sigma Xi, the scientific research honor society of science and engineering. One of the oldest and largest scientific organizations in the world, Sigma Xi has a distinguished history of service to science and society for more than 125 years. Sigma Xi chapters can be found at colleges and universities, government laboratories and industry research centers around the world. More than 200 Nobel Prize winners have been members. (Dr. Katie Heinrich)

Mathematics

Alexander Thomson

Received the Karl Stromberg Outstanding Graduate Teaching Assistant in Teaching Award in spring 2017. The award is presented by the mathematics department to a graduate teaching assistant with the most outstanding record in undergraduate teaching in the previous year among those not honored for their teaching with a college- or university-level excellence award. The selection is made by the department's Graduate Program Advisory Committee from nominations by faculty and staff as well as evaluations from students.
(Dr. Virginia Naibo)

Joshua Brummer

Received the Friends of Mathematics Graduate Teaching Assistant Award in Research in spring 2017. The award is presented by mathematics department to a graduate teaching assistant who has excelled

in academic research in the previous year. The selection is made by the department's Graduate Program Advisory Committee from nominations by faculty and staff. (Dr. Virginia Naibo)

Special Education, Counseling and Student Affairs

Samuel "Trent" McGee

Presented the Outstanding Graduate Student in Education Award from the College of Education. (Dr. Lisa Rubin)

SCHOLARSHIP AWARDEES

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

Agricultural Economics

McKenzie Gee

Received the \$900 College of Agriculture Scholarship for Distance Education Students at the graduate level. (Dr. Allen Featherstone)

Erica Sponberg

Received the Kay Martin Graduate Student Scholarship for Elementary Education and the Kay Martin Elementary Education Graduate Award, both from the College of Education. (Dr. Socorro Herrera)

Agronomy

Joseph "Jay" Weeks

Presented with a 2017 Scholar Award from the International Plant Nutrition Institute. Weeks is one of 37 graduate students from 20 countries selected for the \$2,000 honor. (Dr. Ganga Hettiarachchi)

Amber Kriley

Received the Kay Martin Elementary Education Graduate Award from the College of Education. (Dr. David Allen)

Amy Davis

Received the Kay Martin Elementary Education Graduate Award from the College of Education. (Dr. Todd Goodson)

Civil Engineering

Arvind Damodara Kannan

Received the university's Presidential Doctoral Scholarship. (Dr. Prathap Parameswaran)

Tana Arnold

Received the Kay Martin Elementary Education Graduate Award from the College of Education. (Dr. Ken Hughey)

Reza Shirazinejad

Awarded the John A. Angold Graduate Engineering Scholarship, which was established by Art Grix Jr. and Linda Angold Grix, Gold River, California, in memory of John A. Angold. The scholarship is presented to a graduate student of good standing in the College of Engineering who is in an area of study related to the railroad industry, transit or transportation. (Dr. Sunanda Dissanayake)

Muneera Alonazi

Received the Kay Martin Elementary Education Graduate Award from the College of Education. (Dr. Todd Goodson)

Kris Bailey

Received the Kay Martin Elementary Education Graduate Award from the College of Education. (Dr. Jessica Lane)

James Alberto

Received the Kay Martin Elementary Education Graduate Award from the College of Education. (Dr. Kimberly Staples)

Communications and Agricultural Education

Katelyn Meiwes

Received the \$900 College of Agriculture Scholarship for Distance Education Students at the graduate level. (Dr. Gaea Hock)

Educational Leadership

Holly Zonneveld

Received the \$1,000 Maureen Allison O'Bannon Memorial Scholarship for students taking courses through K-State Global Campus. (Dr. Royce Collins)

Curriculum and Instruction

Brittany Carrillo

Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students. (Dr. Thomas Vontz)

Ryan Arnold

Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students. (Dr. Mary Devin)

Bailey Brown

Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students. (Dr. Thomas Vontz)

Bradley Neuenswander

Received the Elvon G. Skeen Chair in Education Award from the College of Education. (Drs. Debbie Mercer, David Thompson and Kakalie Bhattacharya)

Tamesha Taylor

Received the \$1,000 College of Education Scholarship for Distance Education Graduate Students. (Dr. Thomas Vontz)

Jay Scott

Received the Elvon G. Skeen Chair in Education Award from the College of Education. (Drs. Debbie Mercer, David Thompson and Kakalie Bhattacharya)

Angela Porritt

Received the \$1,000 College of Education Scholarship for Distance Education Graduate Students. (Dr. Thomas Vontz)

Alex Red Corn

Received the Alfred P. Wilson Scholarship from the College of Education. (Dr. Kakali Bhattacharya)

Joy Rebstein

Received the Robert Scott Memorial Scholarship from the College of Education. (Dr. Susan Yelich Biniecki)

Entomology

Ryan Schmid

Awarded the \$3,000 Fred Clute Scholarship, presented to an outstanding master's or doctoral student with a specific interest or research project in integrated pest management. **(Dr. Brian McCornack)**

Shelly Wiggam

Received the \$7,000 Floyd Holmes Ph.D. Scholarship, which is presented to an outstanding master's or doctoral student who is focused on applied research to address practical problems. **(Dr. Greg Zolnerowich)**

Yinping Li

Awarded the \$1,000 Reginald H. Painter Memorial Scholarship, which is presented to an outstanding student in the entomology doctoral program. **(Dr Raymond Cloyd)**

Phil Freda

Received the \$1,000 Dr. Roger C. Smith Award, presented to an outstanding student who is nearing completion of the entomology doctoral program. **(Dr. Yoonseong Park)**

Anastasia Cooper

Received the 2017-2018 Robert Nunemacher Scholarship from the College of Agriculture. The scholarship provides \$1,250 in the fall semester and again in the spring semester. Cooper also received the \$1,000 Schendel-Mages Entomological Scholarship, presented to an outstanding undergraduate minor in entomology or graduate student in entomology. **(Dr. Kun Yan Zhu)**

Jessica Thomson

Presented the \$3,000 Joe Pankaskie Scholarship, which is awarded to an outstanding graduate student in entomology. **(Dr. Ludek Zurek)**

Family Studies and Human Services

Jessyca Waddell

Received the \$1,000 Maureen Allison O'Bannon Memorial Scholarship for students taking courses through K-State Global Campus. **(Dr. Ernest Minton)**

Ellen Bodine

Received the \$200 Margaret Byrne Sarricks Scholarship from the Kansas Speech-Language-Hearing Association for her research. Bodine presented her poster, "Comparing Classroom Frustrations for Students with Auditory Processing Disorder vs. Their Typical Peers," co-authored with Debra Burnett, clinical assistant professor of communication sciences and disorders, at the association's 2017 annual conference. **(Dr. Debra Burnett)**

Food Science

Rachel Stevick

Received the \$900 College of Agriculture Scholarship for Distance Education Students at the graduate level. **(Dr. Abby Nutsch)**

Genetics

Daljit Singh

Received the \$1,500 Robert E. Numemacher Graduate Scholarship from the College of Agriculture in recognition of scholarly achievements. **(Dr. Jesse Poland)**

Gerontology

Lisa Lange

Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students. **(Dr. Gayle Doll)**

Human Nutrition

Jillian Joyce

Received the \$10,000 Commission on Dietetic Registration Doctoral Scholarship, which is awarded annually to registered dietitians who are pursuing a doctoral degree in dietetics or a dietetics-related field. This scholarship is administered in collaboration with the Academy of Nutrition and Dietetics Foundation, the largest provider of scholarships in the dietetics field. Joyce also received the \$750 Pennsylvania Academy of Nutrition and Dietetics' Billy June Eichelberger Memorial Scholarship, which is awarded annually to a resident of Pennsylvania who is pursuing a degree in a dietetics-related field. This scholarship also is administered in collaboration with the Academy of Nutrition and Dietetics Foundation. **(Dr. Sara Rosenkranz)**

Management

Natalie Stanley

Received the \$1,000 College of Business Administration Scholarship for Distance Education Students. **(Suzanne Auten)**

Brett Remsberg

Received the \$1,000 College of Business Administration Scholarship for Distance Education Students. **(Suzanne Auten)**

Carlos Flores

Received the \$1,000 Allan D. Sicut Scholarship for active duty or military veterans taking courses through K-State Global Campus. **(Tierra Diamond)**

Modern Languages

Natacha Mally

Received the university's Timothy R. Donoghue Graduate Scholarship. **(Dr. Janice McGregor)**

Plant Pathology

Elina Adhikari

Received the Christine Lee Shepard Memorial Graduate Student Award, presented to a plant pathology graduate student with excellent academic and leadership skills. The award provides funds for research in nonconventional approaches to crop improvement. **(Dr. Eduard Akhunov)**

Psychological Sciences

Morgan Tashea

Received the \$1,000 Maureen Allison O'Bannon Memorial Scholarship for students taking courses through K-State Global Campus. **(Dr. Patrick Knight)**

Victoria Fryer

Received the \$1,000 College of Arts and Sciences Scholarship for Distance Education Students. **(Dr. Clive Fullager)**

Jessica Chase

Received the \$1,000 College of Arts and Sciences Scholarship for Distance Education Students. **(Dr. Patrick Knight)**

Special Education, Counseling and Student Affairs		Sarah Begole	Received the \$1,500 K-State Global Campus Scholarship for Distance Education Students at the graduate level. (Dr. Dan Wilcox)
Julie Axelson	Received the \$1,000 Maureen Allison O'Bannon Memorial Scholarship for students taking courses through K-State Global Campus. (Dr. Judith Hughey)	Priscilla Brito	Received the \$1,000 K-State Global Campus Dean's Scholarship for students at the graduate level. (Dr. Dan Wilcox)
Daniel Tompkins	Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students. (Dr. Kenneth Hughey)	Cindy Harper	Received the \$1,000 K-State Global Campus Dean's Scholarship for students at the graduate level. (Dr. Dan Wilcox)
Danielle Sutter	Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students. (Dr. Christy Craft)	Alyssa Burnett	Received the \$1,000 K-State Global Campus Dean's Scholarship for students at the graduate level. (Dr. Kenneth Hughey)
Paul Pierce II	Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students. (Dr. Lisa Rubin)	Paxton Akin	Received the Dr. John W. and Nadine Demand Memorial Scholarship and the the Mark Dickerson Memorial Award from the College of Education. (Dr. James Teagarden)
Sara Comer	Received the \$1,000 K-State Global Campus Scholarship for Distance Education Students for students at the graduate level. (Dr. Elizabeth Knackendoffel)	Sara Devine	Received the Brenda and Gib Compton Special Education Teacher Scholarship from the College of Education. (Dr. Elizabeth Knackendoffel)
Tonya Wineland	Received the \$1,500 K-State Global Campus Scholarship for Distance Education Students at the graduate level. (Dr. Elizabeth Knackendoffel)	Heather Moore	Received the Social Justice Education Scholarship from the College of Education. (Dr. Doris Carroll)
Grace Carson	Received the \$1,500 K-State Global Campus Scholarship for Distance Education Students at the graduate level. (Dr. Charlie Nutt)	Jennifer Brown	Received the Social Justice Education Scholarship from the College of Education. (Dr. Susan Yelich Biniecki)

FELLOWSHIP AND GRANT AWARDEES

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

Curriculum and Instruction		Kinesiology	
Erica Sponberg	Awarded a \$927 Arts, Humanities and Social Sciences Small Grant to complete her dissertation research. The grant enabled her to purchase video recording equipment to investigate teacher instructional language in world language classrooms. (Dr. Socorro Herrera)	Jesse Stein	Received a K-State Global Campus Distance Learning grant to serve as co-investigator and course developer. (Dr. Katie Heinrich)

CONFERENCE AND COMMITTEE PARTICIPANTS

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.

Curriculum and Instruction		Kinesiology	
Meaghan Cochrane	Served as chair of the sessions "Understanding the Experiences and Socialization of Teaching Assistants" and "Contemplative Approaches to Transforming Education: Engagement in Awake-Dreaming, Spiritual Activism, De/Colonial Perspectives and Mindfulness" at the American Educational Research Association's 2017 annual meeting in San Antonio. At the same meeting, Cochrane and Kakali Bhattacharya, associate professor of educational leadership, presented		"Mirrored Poetic Performative Response: The Entrapment of Opposition and the Illusion of Democracy" and "Re-experiencing Democracy through the Arts as Scholarly Work in the Public Sphere." At the 14th International Congress of Qualitative Inquiry in Urbana-Champaign, Illinois, Cochrane presented "Finding Home in Community Schools: Addressing Educational Inequity through Arts-based, Contemplative Approaches to Qualitative Inquiry." (Dr. Kakali Bhattacharya)

Erica Sponberg	Co-presented “Collaborating with Tech Developers in Building Future Classrooms” with David Allen, associate professor of curriculum and instruction, and Emily Merritt, with Swivl, at this year’s TESOL International Convention and Learning Expo in Seattle. The presentation discussed their work with Swivl, a robotic tracking and recording device that captures student and teacher classroom experiences. Sponberg also was part of the keynote presentation, “Destination in Sight: The Continual Journey Toward an Effective Digitally-Mediated Supervision Model” for the 2017 National Field Experiences Conference with Allen, Merritt, Jill Wood and Jill Jones. They discussed their research on and practical application of new technologies used for student teacher supervision. (Dr. Socorro Herrera)	Kinesiology Jesse Stein	<hr/> Invited to serve on a discussion panel at the Kinesiology Student Association meeting for undergraduates interested in graduate school. Panelists answered questions about why to pursue a graduate degree, how to choose a graduate program and how to apply to graduate school. Stein also was an invited panelist for a session at the university’s Graduate Student Orientation on graduate teaching assistants. Panelists shared their experiences, provided teaching strategies and gave advice for balancing coursework and teaching requirements. (Dr. Katie Heinrich)
Monica Elva Vaca Cardenas	Presented “Experiences of K-State Faculty and Student Who Were First-Generation College Students” at the fourth annual Big 12 Teaching and Learning Conference in Lubbock, Texas, June 8-9, 2017. Vaca-Cardenas received a Professional Development Grant and College of Education Travel Grant to present at the conference. (Dr. Kay Taylor)	Music, Theatre, and Dance Garrett Fuentes	<hr/> Co-authored the play “Breaking the Binary,” which was selected for a reading at the second International Gender and Sexuality Conference. The play is based on interviews with individuals who have nontraditional gender identifications. The reading was followed by a talk-back. (Sally Bailey)
Stephanie McCutcheon	Presented “A Co-constructed Autoethnography Examining National Identity From a Transnational Perspective” at the 2017 NAFSA: Association of International Educators annual conference in Los Angeles, on June 1, 2017. McCutcheon received a Professional Development Travel Grant to present at the conference. (Dr. Tom Vontz)	Riley Gray	Co-authored the play “Breaking the Binary,” which was selected for a reading at the second International Gender and Sexuality Conference. The play is based on interviews with individuals who have nontraditional gender identifications. The reading was followed by a talk-back. (Sally Bailey)
Educational Leadership	<hr/>	Special Education, Counseling and Student Affairs	<hr/>
Kathleen Hoss-Cruz	Presented “Citizen Educator: Taking Responsibility for Fostering Student Persistence” at the K-State Global Campus Have a Byte event Sept. 22, 2017, at K-State. Hoss-Cruz was one of the several K-State faculty members who were invited to share their unique and effective methods for teaching online. (Dr. Haijun Kang)	Dominic Barnes	Presented “Adaptive Advising: A Holistic Approach for Military-Connected Adult Learners in Higher Education” at the Conference of the Canadian Association for the Study of Adult Education in Toronto, Canada, on May 29, 2017. Barnes received a Professional Development Travel Grant to present at the conference. (Dr. Judy Hughey)
Katie Lynn Allen	Presented “Contemporary Kansas School Consolidation” at the American Educational Research Association annual meeting in San Antonio, April 27-May 1, 2017. Allen received a Professional Development Travel Grant to attend the event. (Dr. Jessica Halloway-Libell)	Katie Olsen	Presented “Using Narrative Inquiry to Push Against Gender Discrimination” at the 13th International Congress of Qualitative Inquiry in Urbana-Champaign, Illinois, on May 19, 2017. Olsen received a Professional Development Travel Grant to make the presentation. (Dr. Christy Craft)
Genetics	<hr/>	Betsy Crawford	Presented “Rigor and Academic Trustworthiness? Legitimizing Qualitative Worth Using Creative Humanistic Educational Research” at the 13th International Congress of Qualitative Inquiry in Urbana-Champaign, Illinois on May 18, 2017. Crawford received a Professional Development Travel Grant to make the presentation. (Dr. Warren White)
Cameron Hunter	Presented the poster “Transition between nitrogen sufficiency and nitrogen starvation controls nuclear accumulation of the transcription factor AreA via a metabolic signal” at the American Society for Biochemistry and Molecular Biology Special Symposia Series: Evolution and core processes in gene expression. The event was at the Stowers Institute for Medical Research in Kansas City, Missouri. (Dr. Richard Todd)	Heather Moore	Presented “Exploring Prison Wife Stigma and Stigma by Affiliation” at the International Prisoner’s Family Conference in Dallas on May 4, 2017. Moore received a Travel Grant Award from the College of Education to make the presentation. (Dr. Doris Carroll)

Brian Weber Presented “How to Decide on a Theoretical Orientation” at the American Counseling Association conference in San Francisco in March 2017. Weber received a College of Education Travel Grant award to make the presentation. (Dr. Ken Hughey)

Nicole Wiseman Presented “Examining the Effects of PALS on the Oral Reading Fluency of Students with or at-risk for EBD” at the annual Council for Exceptional Children National Conference in Boston, April 19-22, 2017. Wiseman received a Professional Development Travel Grant to attend the conference. (Dr. Jim Teagarden)

Alyssa Lombardi

Presented the poster “Evaluating a Student-Athlete Leadership Development Program” at the Association of Applied Sport Psychology conference. The poster is based on an ongoing project with her advisor, Lisa Rubin, assistant professor of special education, counseling and student affairs, and K-State Athletics. It was her first poster presentation. Lombardi participated in the K-State Athletics leadership Academy as a K-State student-athlete. She also served as an undergraduate intern for the program last year. (Dr. Lisa Rubin)

NOTABLE PUBLISHED WORKS

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

Biology

Pragyesh Dhungel

Published, as first author, in PLOS Pathogen, “The 5'-poly(A) leader of poxvirus mRNA confers a translational advantage that can be achieved in cells with impaired cap-dependent translation” in August 2017 with S. Cao and Z. Yang. News of this work also was published in K-State Today, K-State Collegian and the Manhattan Mercury. Dhungel published “Going against the Tide: Selective Cellular Protein Synthesis during Virally Induced Host Shutoff” in the Journal of Virology, Aug. 10, 2017, with S. Cao and Z. Yang. In addition, Dhungel published “Ribosome Profiling Reveals Translational Upregulation of Cellular Oxidative Phosphorylation mRNAs during Vaccinia Virus-Induced Host Shutoff” in the Journal of Virology, Feb. 14, 2017, with A. Dai, S. Cao, Y. Luan, Y. Liu, Z. Xie and Z. Yang. (Dr. Zhilong Yang)

Eun Hee Kim

Published, with Kay Ann Taylor, associate professor of curriculum and instruction, “The Model Minority Stereotype as a prescribed guideline of Empire: Situating the Model Minority research in the postcolonial context” in the Journal of Southeast Asian American Education and Advancement. (Dr. Kay Ann Taylor)

Kinesiology

Brittany Hollerbach

Published “Current female firefighters’ perceptions, attitudes, and experiences with injury” in a leading fire services journal. The qualitative article looks at injuries among female firefighters, identifying potential factors that contribute to those injuries. (Dr. Katie Heinrich)

Jesse Stein

Co-authored “Test-retest reliability of jump execution variables using mechanography: a comparison of jump protocols,” an investigation that aimed to identify the test-retest reliability of jump mechanograph — a utility that may enhance screening and determining mechanistic causes underlying physical performance changes. (Dr. Katie Heinrich)

Curriculum and Instruction

Meaghan Cochrane

Published “Assessing the Authentic Knower Through Contemplative Arts-Based Pedagogies in Qualitative Inquiry” with Kakila Bhattacharya, associate professor of educational leadership in the October 2017 issue of the Journal of Contemplative Inquiry. (Dr. Kakali Bhattacharya)

Mathematics

Joshua Brummer

Co-authored with Virginia Naibo, professor of mathematics, “Bilinear operators with homogeneous symbols, smooth molecules, and Kato-Ponce inequalities.” This work presents a unifying approach to establish mapping properties for bilinear pseudodifferential operators with homogeneous symbols in the settings of function spaces that admit a discrete transform and molecular decompositions in the sense of Frazier and Jawerth. As an application, related Kato-Ponce inequalities are obtained. (Dr. Virginia Naibo)

Erica Sponberg

Co-authored “I can do it!: Tracking Learning Progress and Language Program Effectiveness with Can-Do Statements” the March-April 2017 issue of The Language Educator, a publication from the American Council on the Teaching of Foreign Languages. The article discussing the various ways language educators can use can-do statements to conduct action research. The article also presents findings from her and her colleague’s research conducted at Bunkyo English Communication Center in Hiroshima, Japan. (Dr. Socorro Herrera)

Physics

Peyman Feizollah

Published “Mechanisms and time-resolved dynamics for trihydrogen cation (H₃⁺) formation from organic molecules in strong laser fields” in Nature’s Scientific Reports, vol. 7, 4703 (2017), with Nagitha Ekanayake, Muath Nairat, Balram Kaderiya, Bethany Jochim, Travis Severt, Ben Berry, Kanaka Raju P., Kevin D. Carnes, Shashank Pathak, Daniel Rolles, Artem Rudenko, Itzik Ben-Itzhak, Christopher A. Mancuso, B. Scott Fales, James E. Jackson, Benjamin G. Levine and Marcos Dantus. Feizollah also published “Three-dimensional momentum imaging of dissociation in flight of metastable molecules” in New Journal of Physics, vol. 19, 103006 (2017), with Bethany Jochim, Reid Erdwien, Y. Malakar, T. Severt, Ben Berry, Jyoti Rajput, B. Kaderiya, W.L. Pearson, K.D. Carnes, A. Rudenko, and I. Ben-Itzhak.
(Dr. Itzik Ben-Itzhak)

Ben Berry

Published “The importance of Rydberg orbitals in dissociative ionization of small hydrocarbon molecules in intense few-cycle laser pulses” in Nature’s Scientific Reports, vol. 7, 4441 (2017), with Bethany Jochim, R. Siemering, M. Zohrabi, A. Voznyuk, J.B. Mahowald, D.G. Schmitz, K.J. Betsch, T. Severt, Nora G. Kling, T.G. Burwitz, U. Ablikim, K.D. Carnes, M.F. Kling, I. Ben-Itzhak, E. Wells and R. de Vivie-Riedle. Berry published “Mechanisms and time-resolved dynamics for trihydrogen cation (H₃⁺) formation from organic molecules in strong laser fields” in Nature’s Scientific Reports, vol. 7, 4703 (2017) with Nagitha Ekanayake, Muath Nairat, Balram Kaderiya, Peyman Feizollah, Bethany Jochim, Travis Severt, Kanaka Raju P., Kevin D. Carnes, Shashank Pathak, Daniel Rolles, Artem Rudenko, Itzik Ben-Itzhak, Christopher A. Mancuso, B. Scott Fales, James E. Jackson, Benjamin G. Levine, and Marcos Dantus. He also published “Three-dimensional momentum imaging of dissociation in flight of metastable molecules” in New Physics Journal, vol. 19, 103006 (2017), with Bethany Jochim, Reid Erdwien, Y. Malakar, T. Severt, Peyman Feizollah, Jyoti Rajput, B. Kaderiya, W.L. Pearson, K.D. Carnes, A. Rudenko and I. Ben-Itzhak.
(Dr. Itzik Ben-Itzhak)

Travis Severt

Published “The importance of Rydberg orbitals in dissociative ionization of small hydrocarbon molecules in intense few-cycle laser pulses” in Nature’s Scientific Reports, vol. 7, 4441 (2017), with Bethany Jochim, R. Siemering, M. Zohrabi, A. Voznyuk, J.B. Mahowald, D.G. Schmitz, K.J. Betsch, Ben Berry, Nora G. Kling, T.G. Burwitz, U. Ablikim, K.D. Carnes, M.F. Kling, I. Ben-Itzhak, E. Wells and R. de Vivie-Riedle. Severt published “Mechanisms and time-resolved dynamics for trihydrogen cation (H₃⁺) formation from organic molecules in strong laser fields” in Nature’s Scientific Reports, vol. 7, 4441 (2017), with Nagitha

Ekanayake, Muath Nairat, Balram Kaderiya, Peyman Feizollah, Bethany Jochim, Ben Berry, Kanaka Raju P., Kevin D. Carnes, Shashank Pathak, Daniel Rolles, Artem Rudenko, Itzik Ben-Itzhak, Christopher A. Mancuso, B. Scott Fales, James E. Jackson, Benjamin G. Levine and Marcos Dantus. He also published “Three-dimensional momentum imaging of dissociation in flight of metastable molecules” in New Physics Journal, vol. 19, 103006 (2017), with Bethany Jochim, Reid Erdwien, Y. Malakar, Ben Berry, Peyman Feizollah, Jyoti Rajput, B. Kaderiya, W.L. Pearson, K.D. Carnes, A. Rudenko and I. Ben-Itzhak.
(Dr. Itzik Ben-Itzhak)

Bethany Jochim

Published “The importance of Rydberg orbitals in dissociative ionization of small hydrocarbon molecules in intense few-cycle laser pulses” in Nature’s Scientific Reports, vol. 7, 4441 (2017), with R. Siemering, M. Zohrabi, A. Voznyuk, J.B. Mahowald, D.G. Schmitz, K.J. Betsch, Ben Berry, T. Severt, Nora G. Kling, T.G. Burwitz, U. Ablikim, K.D. Carnes, M.F. Kling, I. Ben-Itzhak, E. Wells and R. de Vivie-Riedle. Jochim published “Mechanisms and time-resolved dynamics for trihydrogen cation (H₃⁺) formation from organic molecules in strong laser fields” in Nature’s Scientific Reports, vol. 7, 4703 (2017), with Nagitha Ekanayake, Muath Nairat, Balram Kaderiya, Peyman Feizollah, Travis Severt, Ben Berry, Kanaka Raju P., Kevin D. Carnes, Shashank Pathak, Daniel Rolles, Artem Rudenko, Itzik Ben-Itzhak, Christopher A. Mancuso, B. Scott Fales, James E. Jackson, Benjamin G. Levine and Marcos Dantus. She published “Phase- and intensity-dependence of ultrafast dynamics in hydrocarbon molecules in few-cycle laser fields” in Molecular Physics, vol. 115, 1835 (2017) — Bandrauk — special issue with M. Kübel, C. Burger, R. Siemering, Nora G. Kling, B. Bergues, A.S. Alnaser, I. Ben-Itzhak, R. Moshhammer, R. de Vivie-Riedle and M.F. Kling, Mol. Phys. 115, 1835 (2017). She also published “Three-dimensional momentum imaging of dissociation in flight of metastable molecules”, Reid Erdwien, Y. Malakar, T. Severt, Ben Berry, Peyman Feizollah, Jyoti Rajput, B. Kaderiya, W.L. Pearson, K.D. Carnes, A. Rudenko, and I. Ben-Itzhak, New Journal of Physics, vol. 19, 103006 (2017).
(Dr. Itzik Ben-Itzhak)

Psychological Sciences

Catherine Hill

Published her first-year project, “Diet-induced impulsivity,” in PLOS ONE in July 2017. Hill created a new model for studying the effects of Western diet on impulsive choice behavior. Her results shed light on the well-established correlation between the Western diet, obesity and impulsivity in humans, and indicate that the diet is a causal factor in impulsivity. One reason why this is so important is that impulsive decisions (e.g., eating fast foods, etc.) create challenges

for the behavioral adjustments that are needed to promote a healthy lifestyle. Thus, Hill's work suggests that the Western diet may be creating self-control challenges that would increase individual's risk of developing more severe diet-related health issues such as diet-induced obesity and type 2 diabetes. She is currently investigating

how the diets may be disrupting insulin signaling, which may then be altering dopamine system functioning. She received a National Science Foundation fellowship to support her work and has replicated these initial findings in her master's thesis. (Dr. Kim Kirkpatrick)

TRAVEL GRANT AWARDEES

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

Biology

Anil Pant

Received a competitive \$500 Meeting Travel Award from the American Society for Virology to attend the society's annual meeting. (Dr. Zhilong Yan)

Family Studies and Human Services

Emily Koochel

Received the 2017 Association for Financial Counseling & Planning Education Student Symposium Scholarship, funded by association membership donation, to attend the symposium. The scholarship includes symposium registration and one-night stay at the symposium hotel in San Diego. The event takes place in November 2017. (Dr. Mindy Markham)

Curriculum and Instruction

Meaghan Cochrane

Received a Kansas State University Diversity for Community Committee Travel Award, a College of Education Travel Award and a Graduate Student Council Travel Award. (Dr. Kakali Bhattacharya)

Kinesiology

Jesse Stein

Received the following travel awards: a \$500 Graduate Student Council Travel Award and a \$350 College of Human Ecology Travel Award to present "Oxygen Uptake During Three Varying Duration High-Intensity Functional Training" at the American College of Sports Medicine annual meeting and training sessions in Denver; a \$500 College of Human Ecology Travel Award and a \$450 from the Graduate Student Council Travel Award to present "Effect of Physical Activity on Health and Fitness in Firefighters" at the 2017 National Strength and Conditioning Association's annual meeting in Las Vegas; a \$375 Graduate Student Council Travel Award and a \$250 College of Human Ecology Travel Award to present "Differences Between U.S. Army and Marines in Self-Reported Combat-Relevant Physically Demanding Tasks and Top 5 Critical Combat Tasks Identified by Combat Veterans" at the 2017 International Congress on Soldiers' Physical Performance in Melbourne, Australia; and a \$250 College of Human Ecology Travel Award to attend the 2017 Tactical Strength and Conditioning annual training. (Dr. Katie Heinrich)

Diagnostic medicine and pathobiology

So Lee Park

Received an American Society for Virology Student Travel Award to support research presentation and attendance at the 2017 American Society for Virology 36th annual meeting at the Monona Terrace Convention Center, Madison, Wisconsin. (Dr. Dana Vanlandingham)

Entomology

Jessica Thomson

Selected as a recipient of a travel award to attend and give an oral presentation at the Livestock Insect Workers Conference, June 25-28, 2017, in Savannah, Georgia. The travel award was sponsored by Bayer Corp. (Dr. Ludek Zurek)

Ryan Schmid

Received a student travel award to attend the training course Maximizing Opportunities for Biological Control in Asia's Changing Agro-Landscapes in Beijing, China. The course was organized by the International Organisation for Biological and Integrated Control and International Center for Tropical Agriculture. (Dr. Brian McCornack)

COMPETITION AWARDS

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

Junjun Ou

Won first place in oral paper competition at the Global Herbicide Resistance Challenge meetings, which are held once every four years. This year, delegates from 28 countries participated in the meetings. (Dr. Mithila Jugulam)

Robert Ewing

Won \$100 in a three-minute thesis competition. (Dr. Jeff Whitworth)

Family Studies and Human Services

Hilary Dalton

Received the Student and New Professional Outstanding Paper Award in the Religion, Spiritual and Family Section at the National Council on Family Relations for the paper, "Sacrifice and Self-Care as Relational Processes: The Connections and Tensions." (Dr. Anthony Ferraro)

Biology

Mark Herse

Awarded Best Graduate Student Presentation for the oral presentation of his master's research at the U.S. meeting of the International Association of Landscape Ecology. The title of his talk was "Core versus total habitat area for a declining grassland songbird: bigger is not always better." Co-authors included Kimberly With, professor of biology, and Alice Boyle, assistant professor of biology and Herse's major advisor. He received a monetary award and a registration waiver for the next annual meeting. Herse completed his master's in June and has started a doctorate at the University of Canterbury in New Zealand. (Dr. Alice Boyle)

Emily Koochel

Received the 2017 Association for Financial Counseling and Planning Education's Outstanding Symposium Poster Award for her proposal "Financial Transparency Scale Development." The award comes with \$500. (Dr. Mindy Markham)

Food Science

Karthik Pandalaneni

Placed second in the Graduate Student Poster Presentation Contest in Dairy Foods, which was sponsored by the American Dairy Association at its 2017 annual meeting in Pittsburgh. (Dr. Jayendra Amamcharla)

Anil Pant

Placed second in the K-State Graduate School's Three-Minute Thesis Competition. (Dr. Zhilong Yan)

Genetics

Daljit Singh

Placed second in the poster competition at the National Association of Plant Breeders annual meetings at the University of California, Davis. More than 70 participants took part in the competition. (Dr. Jesse Poland)

Civil Engineering

Arvind Damodara Kannan

Won the best student presentation award at the New York Water Environment Association meeting in New York City, Feb. 6-8, 2017. (Dr. Prathap Parameswaran)

Kinesiology

Jesse Stein

Placed first for his presentation at the College of Human Ecology Graduate Research and Creative Inquiry Forum competition for graduate students. (Dr. Katie Heinrich)

Entomology

Ryan Schmid

Received a \$500 scholarship from the K-State Graduate School for his research poster presentation at the 2017 Capitol Graduate Research Summit. Schmid advanced to the summit by being one of the top-10 finalists at K-State's Research and State competition. (Dr. Brian McCornack)

Management

Chris Nettey

Was a member of the first-place team at the 2017 X-Culture Symposium Human Resources Case Competition, an international business strategy contest. Of the more than 4,000 students who participated in the initial round of competition, only 150 were invited to take part in the symposium. Before attending the conference, participants were assigned to a team of students, who were then tasked with developing solutions to real-world business challenges. After working collaboratively throughout the month leading up to the conference, the teams met in Miami to present their findings to a panel of judges, which chose Nettey's team as the contest winner. (Dr. Marne Arthaud-Day)

Joe Krauska

Served on the university's first-place winning 2016 EPA Campus RainWorks Challenge team. For the challenge, sponsored by the Environmental Protection Agency, the K-State team created a green infrastructure design that improves the way stormwater is managed for the Quinlan Natural Area and the neighboring Strong Complex, an area of campus that faces problematic flooding and erosion. The team blended innovative green infrastructure practices into its design to reduce stormwater runoff, capture rainfall for campus irrigation, enhance the urban ecosystems and land health, and provide an interactive resource for student education and recreation outdoors. (Dr. Jim Nechols)

ADDITIONAL HONORS AND AWARDS

The most recent awards/nominations/initiates from the spring 2017 semester are listed below.

Economics

Tennecia Dacass

Accepted to Howard University's Center for Race and Wealth and University of Wisconsin, Madison's Institute for Research on Poverty Summer Dissertation Proposal Writing Workshop. This was a cross-disciplinary workshop that was open to students researching topics related to poverty and inequality across the United States. Dacass was one of 12 students accepted to the program. The program paid for her trip to Howard University to meet with other promising students and top poverty and inequality scholars.
(Dr. Amanda Gaulke)

Family Studies and Human Services

Ellen Bodine

Received the \$400 Dixie Heinrich Servant Leadership Award from the Kansas Speech-Language-Hearing Association. Heinrich served as the executive director of the association and upon her retirement, established this award to support and recognize student leaders in the field of

speech-language pathology and audiology. One recipient is selected annually from a pool of applicants from all four universities in Kansas with communication sciences disorders programs. Bodine is currently completing a master's degree in communication sciences and disorders and serves as a graduate teaching assistant for the conflict and analysis trauma studies minor. **(Dr. Debra Burnett)**

Human Nutrition

Jillian Joyce

Invited to attend the annual item writing workshop for the registration examination for registered dietitian nutritionists. The workshop, hosted by the Commission on Dietetic Registration in Chicago, trains dietetic educators and practitioners on the fundamentals of credentialing examination item development. Joyce represented educators and developed items for food service systems and the management of food and nutrition programs.
(Dr. Sara Rosenkranz)

Contact

If you have any questions, comments or corrections, please contact Kimberly Morrison (kmorrison95@k-state.edu), Awards and Recognition Subcommittee chair for the Graduate Student Council.