Summary Sheet


Lorber, L. and Harrington, L.M.B., Geography, received a $4,000 grant (€3570) from the Public Research Agency of the Republic of Slovenia, 2015-2016 titled: The Impact of the New Development Paradigm of Agricultural Policy on Rural Development: Selected Case Studies from Slovenia (EU) and Kansas (USA).

Brian Washburn, associate professor of Physics, received a Presidential Award for Excellence in Undergraduate Teaching at the All-University Awards Ceremony May 6.

The Department of Statistics co-hosted the 27th consecutive K-State Conference on Applied Statistics in Agriculture that was held in the Hilton Garden Inn in Manhattan, April 26-28. Nora Bello and Leigh Murray were Co-Program Chairs and featured Keynote speaker Christopher K. Wikle, University of Missouri Professor of Statistics and Adjunct Professor in the Department of Soil, Environmental and Atmospheric Science.
May 2015

Arts & Humanities

Modern Languages

Publications:

Presentations, Lectures, Conferences & Exhibitions:

Research:

Grants:

Awards:

Other:
School of Music, Theatre, and Dance

Publications:

Presentations, Lectures, Conferences & Exhibitions:

Karen Large: 05/02/15 - Topeka Symphony Orchestra, piccoloist - Concert: Our Great Town
05/17/15 - Konza Wind Quintet, flutist - Performance at First Presbyterian Church - Ibert: Trois Pieces Breves
05/21/15 - Konza Chamber Music Society, flutist - Concert: Ibert: Trois Pieces Breves; Vivaldi: Concerto in G minor for flute, oboe, and bassoon
05/31/15 - Tornado Alley Flutes, flutist - Performance at the Oklahoma Flute Society Members' Concert: Chamberlain - French Quarter

Frank Tracz: Clinician, Iowa Bandmasters Association Conference, DesMoines, Iowa, May 15,16.

Commencement Speaker, Salina Central High School, May 17.


Research:
David Ollington: I am currently under contract to direct and choreograph the musical play Leap of Faith at Tent Theatre in Springfield, Missouri. Leap of Faith opened on Broadway in 2010. Tent Theatre is a union theatre, Actors’ Equity Association, operating under a University/Residential Theatre contract.

Grants:
Julie Pentz: Tap To Togetherness: Community-based participatory research using kinesthetic learning among families and their young children was awarded a Center for Engagement and Community Development (CECD) grant, $10,000.00. This program is a partnership with the School of Music, Theater, and Dance, Family Studies and Human Services, Research and Extension, and community partner Parents as Teachers of Manhattan Kansas.
Awards:

Other:

David Ollington: Beginning his tenth summer on the faculty of the Missouri Fine Arts Academy, summer arts intensive, teaching Interdisciplinary Arts, Ballet, and Improvisation.

Amy Rosine: Study Abroad trip to Czech Republic. Seven students from Engineering and Music traveled to Prague from May 24-June 6 to complete the course Bridging Music and Structures: Prague. The course was co-taught with Kimberly Kramer, Professor of Structural Engineering. The course attended performances of the National Opera, Czech Philharmonia and traveled outside of Prague to Kutna Hora and Terezin. The class met during the Spring semester to discuss specific composers, music and structures relevant to the course content.

Karen Large: $5,023 – Global Campus Funds to develop course: Introduction to Film Music.

Philosophy

Publications:
Adaptive Preferences: Merging Political Accounts and Well-being Accounts”, accepted for publication, Canadian Journal of Philosophy, Rosa Terlazzo.


Qualia and Mental Causation in a Physical World, Cambridge University Press, 2015, Marcelo Sabetes (with Terry Horgan and David Sosa).
Presentations, Lectures, Conferences & Exhibitions:


“Kindness, Moral Health & Moral Prosperity” Eastern Division Study Group, North American Kant Society, Georgetown University, April 25th, Donald Wilson.

Research:

Grants:

Awards:

Other:
Social & Behavioral Sciences

Geography

Publications (*graduate students):

Presentations, Lectures, Conferences & Exhibitions (*graduate students):


Research (*graduate students):

Grants (*graduate students):

Awards (*graduate students):
Other (*graduate students):

Political Science

Publications:

Presentations, Lectures, Conferences & Exhibitions:

Research:

Grants:

Awards:
A paper by Sam Bell, associate professor, and Carla Martinez Machain, assistant professor, entitled "The Effect of US Troop Deployments on Human Rights" won the Frank J. Klingberg Award for the best paper presented by faculty members at the 2014 Annual International Studies Association - Midwest Conference.

Sabri Ciftci, associate professor, was named a “Top 20 Reviewer” by one of the leading journals in political science, Political Research Quarterly. Political Research Quarterly noted that the recognition places a spotlight on peer reviewers who “…. approach the task with an unusual combination of promptness, thoroughness, and insight.”

Other:
Sociology, Anthropology, and Social Work

Publications:

Presentations, Lectures, Conferences & Exhibitions:
Chardie Baird, was invited to give a talk titled "Strategies for Legitimizing Diversity in Academia" at the Visions in Methodology (VIM) conference. VIM is a conference for junior women in political science working on methodological innovations.

Research:

Grants:
Brad Logan, Principal Investigator, and Lauren Ritterbush, Co-PI, have been awarded a grant from the Historic Preservation Fund by the Kansas Historical Society for “National Register of Historic Places Evaluation of the Sam Kimble Site (14RY201), Riley County, Kansas”.

Awards:

Other:

Women’s Studies

Publications:
Presentations, Lectures, Conferences & Exhibitions:

Research:

Grants:

Awards:

Other:
Natural & Quantitative Sciences

Biology

Publications:


Presentations, Lectures, Conferences & Exhibitions:
Yang, Z. Panelist, "Building Your Career Toolbox" The 9th National Institute of Allergy and Infectious Diseases (NIAID) Annual Fellow workshop, April 6, 2015

Undergraduate student presented poster in annual undergraduate student research forum April 23 2015 (Yang, Z)

Walter Dodds, Nitrogen and Phosphorus in Streams. University of Kansas. Val Smith Symposium

L. Passarelli Invited review to commemorate the 60th anniversary of Virology; 60 reviews were requested.

KAES hosted a meeting for the AES Development Committee on Plant Lipids at KSU on May 1-3, 2015. It was attended by scientists from Kansas, Missouri, Iowa, and Nebraska. KSU Biology participants were R.Welti and K.Schrick.

Dodds, WK. Freshwater Futures: Ecosystem Services, Multidisciplinary Approaches, and How Future Stream Ecologists Can Help Save The World. Society of Freshwater Science Annual Meeting.. Invited talk May Milwaukee


A. Rhodes gave invited presentation for Spotlight K-State, Title: It’s the Tesla of Teaching


Research:
Andrew Hope and graduate student Nathan Morse were recently hosted at University of North Dakota, Grand Forks, in the lab of Dr. Vasyl Tkach for a three day workshop on shrew specimen preparation and shrew parasite identification, preservation, and genetic sequencing techniques. This research represents initial stages in a long-term collaborative effort to investigate mammalian host-parasite evolutionary responses to climate change across the major ecotones of North America.

Grants:
NIH 1F33GM117947-01; PI: Michel, Kristin, Individual Senior Fellowship, F33: “Can Hydra remember its former companions?” 09/01/2015-07/31/2016; $64,226; submitted 4/06/2015
NIH 1F32AI122466-01; PI: Meekins, David; Mentor: Michel, Kristin, Individual Postdoctoral Fellowship, F32: “Serpin-6 protein-protein interactions in mosquito immunity against malaria” 05/01/2016-04/30/2018; $106,600; submitted 4/03/2015

Gates Foundation Grand Challenges Exploration; PI: Michel, Kristin; co-PI Vanlandingham, Cohnstaedt: “RAPDS: Rapid Arthropod Pathogen Diagnostic System” 12/01/2015-05/31/2017; $100,000; submitted 4/28/2015

Recommended for funding through NSF-DEB: COLLABORATIVE RESEARCH: Parsing the effects of host specificity and geography on plant-fungal symbioses under climate change. NSF-DEB, $244,210, 05/01/2015-04/30/2019. PI Jennifer Rudgers; Co-PIs: Scott Collins, Jose Herrera, Ari Jumpponen, Andrea Porras-Alfaro.


Michael Veeman was awarded a $675,000 grant from the National Science Foundation for his project ‘Linking cell shape and asymmetric division in Ciona notochord tapering’.

Awards:
John Blair was named a Fellow of the Ecological Society of America.

Division Activity – Graduate Student Awards

2014/2015 Awards (Advisor in parentheses)
K-State Research Forum, organized by the K-State Graduate Student Council and the Graduate School - Each year since the inception of this forum (4 -5 years), the Division of Biology has been the keeper of a plaque indicating first place by a Biology graduate student. Keeping up with tradition, this year Corin White (Mike Herman) received first place in interdisciplinary oral presentation session and Kim O'Keefe (Jesse Nippert) received second place in the agricultural sciences oral presentation session one.

Michael Scott Watkins Award ($500 award) – Sherry Haller (Stefan Rothenberg) Michael Scott Watkins Award for Outstanding Graduate Student Teaching Established in 1974 for M.S. Watkins, a deceased graduate student. This is awarded annually to a graduate student who excels in her/his teaching responsibilities.
James E. Ackert Award ($500 award) – **Emily Williams (Alice Boyle)**
J.E. Ackert was a long-time Dean of the Graduate School and a parasitologist in the Department of Zoology. The award is given annually for an outstanding graduate student presentation by a student who has been in the Division of Biology graduate program less than two years.

H. Henley Haymaker Award ($500 award) – **Tori Davidson (Kristin Michel) and Ellen Welti (Anthony Joern)**
Haymaker was a KSU faculty member in the Department of Botany for 45 years (1917-1963). He was voted an outstanding teacher and he contributed in many ways to the University. Haymaker Hall is named after him. The award was established in 1975 by his family. The award is given annually for an outstanding graduate student presentation by a student who has been in the Division of Biology graduate program 2 or more years or has a M.S. degree.

Chris Edler Award ($500 award) – **E.J. Raynor (Anthony Joern):**
Established in 1993 for C. Edler who died while he was a graduate student in the Division. Awarded annually to a graduate student who has an outstanding record as a graduate student teacher and has performed superior research on Konza Prairie.

Christopher C. Smith Award ($1,000 award) – **Courtney Passow (Michi Tobler)**
Christopher C. Smith Award for graduate student excellence in Evolutionary Biology. This award recognizes the significant research contributions of Christopher C. Smith in evolutionary biology and is award annually to a doctoral student at the discretion of the Director.

First time award presented to Courtney Passow has been conducting some groundbreaking work about the physiological and molecular mechanisms underlying adaptation to hydrogen sulfide rich, extreme environments. Her accomplishments and successes as a scientist are reflected in her already co-authoring seven publications in leading journals (including Nature Communications, BMC Genomics, Journal of Heredity, and Physiological and Biochemical Zoology) as well as making over a dozen presentations at national and international meetings. Her dissertation work currently focuses on investigating physiological differences between fish inhabiting different environments (normal streams and toxic, hydrogen sulfide containing springs). In addition, she employs next generation sequencing approaches to elucidate the genetic basis of adaptive trait divergence and speciation in the same system. Overall, her research goals are integrative, relying on inference from fieldwork, experiments, and genomic analyses. Her work undoubtedly is of broad interest to wide variety of biologists.
Robert J. Robel Award ($1,000 award) – **E.J. Raynor (Anthony Joern):**
This award recognizes the significant research contributions of Robert J. Robel in wildlife biology and ecology, and is awarded annually for doctoral graduate student excellence in wildlife biology and ecology at the discretion of the Director. Dr. Robel was an eminent wildlife biologist and ecologist who devoted more than 30 years to game bird and mammal research. E.J. Raynor’s research provides critical insight into how bison foraging activity responds to the spatial and temporal patterns of forage quality in a replicated landscape dictated by interactive fire and grazing manipulations. Overall, his work is hierarchical, ranging from fine-scale studies of feeding rate in response to food nutritional quality and its local distribution, to landscape-level distribution patterns of bison in response to forage quality resulting from recent burning and how this changes in time and space. As overarching goals, he is testing the Forage Maturation Hypothesis (FMH) and the Transient Maximum Hypothesis (TMH) at a large scale, and extending its significance beyond the plant soil dimension to consumer trophic levels. E.J. Raynor documented how these two hypotheses actually complement one another, thus combining to provide a new synthesis of bison grazing. Tests of his hypotheses are important and contribute to our understanding of how food quality, particularly protein, may underlie patterns of large, ungulate foraging and at what scale – results that are applicable to grazing systems worldwide. His central focus is that changes in foraging behavior to maximize protein/energy intake differentially reflect burn frequencies and their influence on forage quality.

Graduate student **Pragyesh Dhungel (Yang, Z)** awarded summer stipend by Johnson Cancer center.

Undergraduate student **Canaan Coker (Yang, Z)** is awarded H.H. Haymaker Outstanding Senior.

**A. Rhodes** Commerce Bank Award for Outstanding Undergraduate Teaching Award National Residence Hall Honorary University of Big XII Faculty of the Month KSU Panhellenic Professor of the Month.

**Other:**

**A. Jumpponen** attended advisory board meeting in University Centre Svalbard May 25-29, 2015.
Physics

Publications:


Presentations, Lectures, Conferences & Exhibitions:
Lado Samushia was an invited speaker at the CIPANP15 conference in Vail, Colorad, where he a gave talk titled “Studying properties of gravity with galaxy clustering in BOSS”. (5/22/15).

Research:

Grants:
Chris Sorensen was awarded Phase 1: physical evaluation of novel silica nanoparticles for development of insect control technology”, for $20,000, Australian CRC.

Awards:
Brian Washburn, associate professor of physics, received a Presidential Award for Excellence in Undergraduate Teaching at the All-University Awards Ceremony May 6.
Other:
Kristan Corwin presided over a session at the CLEO: 2015 Laser Science to Photonic Applications Conference. In addition, she attended the executive committee meeting of the APS Division of Laser Sciences. The meeting was held in San Jose, CA (5/10-5/15/15).

Chris Sorensen visited Colorado State U Physics, Chemistry and Atmospheric sciences and gave a colloquium “Of Soot and Sunflowers” (5/1/15).

Statistics

Publications:

Horne\textsuperscript{*}, E. A., S. Foulks\textsuperscript{us}, N. M. Bello. 2015. "Visual display in Blanchard's cricket frogs (\textit{Acris blanchardi})". The Southwestern Naturalist 59(3): 409-413.

Presentations, Lectures, Conferences & Exhibitions:


Research:

Grants:
New Grants:

Global Food Systems Innovation Grant Program $ 45,415
Kansas State University

Active Grants (ongoing):

Nora Bello, Co-PI. “The effects of SID Lysine and Intellibond C (TBCC) feeding strategy in finishing pigs on growth performance, carcass characteristics and economics”. Principal investigator: Steve Dritz, College of Veterinary Medicine, Kansas State University. Role: co-PI. Timeline: 2014-2015. Awarded. $25,000.

Nora Bello: Morris Animal Foundation $41,446 – Awarded June 2013. Grant proposal: “The effects of ophthalmic prednisolone and diclofenac on diabetes mellitus regulation in dogs”. Principal Investigator: Amy Rankin, College of Veterinary Medicine, Kansas State University. Role: Co-investigator. Timeline: 2/1/14-1/31/16


Nora Bello: United States Department of Agriculture (USDA), Agriculture and Food Research Initiative (AFRI) - Foundational Program A1201 $677,108 Grant proposal: "Statistical Methods And Bioinformatics Tools For Multiple Trait Whole Genome Precision Selection For Heterogeneous Environments". Principal Investigator: Robert Tempelman, Michigan State University. Role: co-PI. Timeline: 2011-2016. Award #2010-04538.


Awards:
Wei-Wen Hsu is the recipient of a Arts and Sciences Faculty Enhancement Award on Statistical Classification Models for Emerging Molecular Analysis in the Early Detection of Cancer.

Other:
Haiyan Wang: Associate Editor for Journal of Nonparametric Statistics.

Nora Bello: Associate Editor for the Journal of Biological, Agricultural, and Environmental Statistics.