Summary Sheet


David Mackay, School of Music, Theatre, and Dance, along with twelve K-State Theatre students attended the Kennedy Center American College Theatre Festival. Four students participated in the Irene Ryan Scholarship. Out of 350+ students, all four students advanced to the semi-finals, and three advanced to the finals. Darrington Clark place 3rd in the Region. Mackay was the acting coach and director for all four of the students presentations.

Ruth Gurgel, School of Music, Theatre, and Dance, received the spring 2016 Academic Excellence Award in the amount of $4,500 from the Office of the Provost and Senior VP.


David Pickering, School of Music, Theatre, and Dance, planned and directed a study abroad tour for Kansas State University organ students, studying organs in Berlin, Leipzig, Roetha, Naumburg, Dresden and Freiberg, Germany. The group played 14 organs built over the course of 300 years, 1713-2013. Six of the organs were constructed from 1713-1755 by Gottfried Silbermann, close friend and associate of famed composer Johann Sebastian Bach. It is conjectured that Bach played at least three of these organs. Tour participants were able to play the stunning 1746 Hildebrandt organ at the Wenzelskirche in Naumburg, one of the most famous organs Baroque era organs in Germany. Bach is known to have inspected and played this organ; the original organ keyboards have remained intact for over 250 years.

Chelsea Arndt, Psychological Sciences, was one of only two recipients of the national APAGS (APA Graduate Student) Teaching Excellence in Psychological Sciences Award.

Rollie Clem, Biology, started a position as rotating Program Director at the National Science Foundation, in the Division of Integrative Organismal Systems. He will be in charge of the Symbiosis, Defense, and Self-Recognition Program in IOS during 2016, where his duties will include interacting with PIs, supervising
the review of pre-proposals and full proposals in the SDS program, selecting proposals for awards, and serving as Program Officer for currently funded awards in SDS.

Anthony Williams, senior in physics and journalism, is a producer and host with Wildcat Watch, a student group that works under the guidance of the Division of Communications and Marketing’s Video Production Services to create videos for the K-State student body.

His most recent "Spotlight on Science," featuring research by K-State chemical engineering department head Jim Edgar, has received recognition by the National Science Foundation, which has included the video as part of its online video stream.

Additionally, a video Williams produced as a course project for Mass Communications 471, Audio and Video Production, that featured the research of plant pathologist Anna Whitfield on the maize mosaic virus has attracted the attention of Science360 and The Knowledge Network.

This coming term, Williams will begin working in the Office of Research & Sponsored Programs as one of its first digital media interns, so more videos will be forthcoming.
Arts & Humanities

Modern Languages

Publications:
Earl Brown had a co-authored paper entitled "The effect of variable intercepts on findings in sociophonetic data: Some observations from Caleño Spanish" accepted for publication in the new peer-reviewed Journal of Research Design and Statistics in Linguistics and Communication Science. Earl served as second author to Michael S. Gradoville of Spelman College, with Richard File-Muriel of the Univ of New Mexico as third author. The paper analyzes the sound /s/ in a set of interviews recorded in Cali, Colombia and explores the validity of mixed effects modeling, a relatively new statistical procedure gaining popularity in linguistics.

Presentations, Lectures, Conferences & Exhibitions:
Janice McGregor presented the paper "Language learning and desire in 21st-century study abroad" as a part of a symposium on Study Abroad in the Twenty-first Century at the 2016 Intercultural Competence Conference in Tucson, AZ held January 21-24, 2016.

Kathleen Antonioli presented “Professional Identity and Necessity in Beauvoir, Woolf, and Colette” at Modern Languages Association conference in Austin TX.

Research:
Kathleen Antonioli traveled to New York City to do archival research in the publishing archives of Farrar, Straus, and Giroux at the New York Public Library between January 11-15.

Grants:

Awards:

Other:
Laura Kanost served as a small group discussion leader at the GTA Training held by the Teaching and Learning Center, Jan. 15.
School of Music, Theatre, and Dance

Publications:
Burrack, Fred:
- Encouraging Students to Consider Music Education as a Future Profession. Journal of Music Teacher Education. http://jmt.sagepub.com/cgi/reprint/1057083715619963v1.pdf?ijkey=mdZLk115Q5r1x0w&keytype=finite
- Validity of documenting students’ individual progress associated with professional teaching standards through web-based portfolios. In T.S. Brophy, J. Marlatt, & G. K. Ritcher (Eds.), Connecting practice, measurement, and evaluation: Selected papers from the 5th International Symposium on Assessment in Music Education, (pp. 99-119). Chicago. GIA.

Presentations, Lectures, Conferences & Exhibitions:

Tracz, Frank
- Jan 2, Liberty Bowl trip and performance with KSU Marching Band.
- Jan 7-9, Central Oklahoma Honor Band Conductor.
- Jan 12 - Pres. Lecture for Wichita Public School Honor Students.
- Jan 13 - Guest Speaker Rose Hill Schools faculty retreat.
- Jan 13 - Clinician Rose Hill H.S. Band
- Jan 14 - Clinician Clearwater H.S. Band
- Jan 16 - KSU Blue Key Honor Leadership Conference, Guest Speaker.
- Jan 22-24 - Coordinator of the 23rd Annual Concert band Clinic here on campus. 650 students, 85 band directors.

Large, Karen
- Jan. 21, Topeka Symphony Orchestra, second flute/piccolo - School Concerts
- Jan. 23, Topeka Symphony Orchestra, second flute/piccolo - Concert
- Jan. 28-Feb. 1, Florida Flute Association Convention, performer - Florida Flute Orchestra, Traverso Colore: Baroque flute ensemble, Teachers Quartet

**Mackay, David** - Twelve K-State Theatre students attended the Kennedy Center American College Theatre Festival. 4 Students participated in the Irene Ryan Scholarship. Out of 350+ students, all four students advanced to the semi-finals, and three advanced to the finals. Darrington Clark place 3rd in the Region. I was the acting coach and director for all four of the students presentations.

**Research:**

**Burrack, Fred** - Continuing Research (completed Fall Pilot, beginning Spring pilot) - National Pilot of the Model Cornerstone Assessments for the new National Standards for Music Education. Oversee a team of researchers from across the United States, supported by the National Association for Music Education and the National Coalition for Core Arts Standards.

**Grants:**

**Gurgel, Ruth** - Spring 2016 Academic Excellence Award in the amount of $4,500.00 from the Office of the Provost and Senior VP, Kansas State University.

**Awards:**

**Other:**

**Bailey, Sally** - Presented improvisational role plays at the Graduate School Orientation with Drama Therapy students. Also presented on ethnodrama Jan. 26 in Kakali Bhattacharia’s Qualitative Research class.

**Pickering, David** planned and directed a study abroad tour for Kansas State University organ students, studying organs in Berlin, Leipzig, Roetha, Naumburg, Dresden and Freiberg, Germany. The group played 14 organs built over the course of 300 years, 1713-2013. Six of the organs were constructed from 1713-1755 by Gottfried Silbermann, close friend and associate of famed composer Johann Sebastian Bach. It is conjectured that Bach played at least three of these organs. Tour participants were able to play the stunning 1746 Hildebrandt organ at the Wenzelskirche in Naumburg, one of the most famous organs Baroque era organs in Germany. Bach is known to have inspected and played this organ; the original organ keyboards have remained intact for over 250 years.
Philosophy

Publications:
Jon Herington - “Health Security and Risk Aversion”, accepted by Bioethics.

Presentations, Lectures, Conferences & Exhibitions:

Research:

Grants:

Awards:

Other:
Social & Behavioral Sciences

Economics

Publications:


Presentations, Lectures, Conferences & Exhibitions:
Amanda (Mandy) Gaulke - Participated in the CeMENT program in January, which is a mentoring and professional development program put on the Committee on the Status of Women in the Economic Profession.

Research:

Grants:
Awards:

Other:

Geography

Publications:


Presentations, Lectures, Conferences & Exhibitions:

Research:
Grants:

Awards:

Other:

Political Science

Publications:
Josie Schafer:
  • “Biases in Multi-Criteria Decision Analysis: The Case of Environmental Planning in Southern Nevada” was accepted in Environment and Planning C: Government and Policy. Co-author: Caleb Gallemore (Northeastern Illinois U.)
  • “Mandates to Coordinate: The Case of the Southern Nevada Public Lands Management Act” was accepted in Public Performance and Management Review.

Presentations, Lectures, Conferences & Exhibitions:

Research:

Grants:

Awards:

Other:
Psychological Sciences

Publications:

Presentations, Lectures, Conferences & Exhibitions:


Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.


Research:

Grants:

Awards:

Chelsea Arndt received the national APAGS (APA Graduate Student) Teaching Excellence in Psychological Sciences Award! She was one of TWO recipients nationally for this award.

Other:

The Masters in Industrial and Organizational Psychology program was ranked 5th nationally by successfulstudent.org: http://successfulstudent.org/22-best-online-industrial-organizational-psychology-colleges/.
Natural & Quantitative Sciences

Biochemistry & Molecular Biophysics

Publications:

Presentations, Lectures, Conferences & Exhibitions:
Timothy Durrett presented a poster at the USDA-NIFA Principal Investigator Meeting in San Diego on 1/8/16 entitled, "Targeted metabolic engineering of Camelina sativa to synthesize high levels of industrially useful lipids." Sunil Bansal, Catherine Kornacki, Tam Tran-Nguyen, Shahna Campell, Jillian Silva, Ed Cahoon, Chaofu Lu and Timothy Durrett authored the poster.


Randi Wise, Sara Duhachek-Muggy, Yue Qi, Michal Zolkiewski, and Anna Zolkiewska presented a poster, “Protein disulfide isomerases promote anchorage-independent growth of breast cancer cells”, at the 21st Annual Midwest Stress Response and Molecular Chaperone meeting, Evanston, Illinois, Jan 16, 2016.

John Tomich and Gerald Reeck, USDA Citrus Greening Solutions Program, “Effective oral delivery of dsRNA to insects,” January 28, 2016. This was a talk over the internet that was followed at UC Davis, University of New Mexico and the USDA Office in Fort Pierce, Florida.

Research:
Grants:

Awards:

Other:

Biology

Publications:


O'Keefe, K, JB Nippert, AM Swemmer (2016) Savanna tree seedlings are physiologically tolerant to nighttime freeze events. FRONTIERS IN PLANT SCIENCE (in press)


**Presentations, Lectures, Conferences & Exhibitions:**

Nippert J. – “Plant physiology contributes to the conversion of C4 grassland to shrubland” Society for Range Management Annual Meeting, Corpus Christi, TX.

O’Connor R. – “Does size matter? Scaling leaf-level transpiration of (Cornus drummondii) islands to a watershed” Society for Range Management Annual Meeting, Corpus Christi, TX.


Wallace N. - “HPV, DNA Damage Repair and Skin Cancer” Louisiana Cancer Research Consortium, 01/25/2016.

Wallace N. - “Wallace lab research and research/graduate school opportunities at Kansas State University” Xavier University of New Orleans, 01/25/2016.

Rhodes A. - K-State Polytechnic Professional Day, Salina, KS. Invited presentation over increasing engagement in STEM courses.

Rhodes A. - Graduate Student Orientation, Manhattan, KS. Invited keynote presentation over tips for GTAs to be successful in the classroom.

**Research:**
Grants:
Hope AG - Kansas State University, Division of Biology, BRIEF Alternate Scholarly Achievement Grant. Fall 2015. "Developing Student Participation in Mammalian Specimen Curation"
Amount awarded: $480.00. PI.

N. Wallace attended Skin Cancer and HPV Seminar; 01/24/16-01/26/16; Louisiana Cancer Research Consortium; $1500 Travel Grant.

Awards:

Other:
Rollie Clem started a position as rotating Program Director at the National Science Foundation, in the Division of Integrative Organismal Systems. He will be in charge of the Symbiosis, Defense, and Self-Recognition Program in IOS during 2016, where his duties will include interacting with PIs, supervising the review of pre-proposals and full proposals in the SDS program, selecting proposals for awards, and serving as Program Officer for currently funded awards in SDS.

Physics

Publications:


Presentations, Lectures, Conferences & Exhibitions:
Dr. Kristan Corwin attended a review of the AFOSR program, Lasers & Optics, in Arlington, VA (12/2-12/3/15) and gave a talk entitled "Hollow Core Optical Fiber Gas Lasers (HOFGLAS): toward novel and practical systems in fused silica."

Jianxiong Li, graduate research assistant, attended the Kansas Physical Chemistry Symposium at the University of Kansas (12/5/15).

Dr. Bret Flanders attended the BRAIN Initiative Investigators Pre-Meeting and the NIH BRAIN Initiative Scientists Meeting in Rockville and North Bethesda, MD (12/9-12/11/15).

Travis Severt, GRA, attended and presented two posters (Strong-field dissociation dynamics of molecular dications and Progress towards large flux high-order harmonic generation driven by two-color laser fields) at the International Symposium on Ultrafast Intense Laser Science in Kauai, HI (12/9-12/13/16).

Dr. Itzik Ben-Itzhak attended and gave an invited talk at the International Symposium on Ultrafast Intense Laser Science in Kauai, HI (12/9-12/13/15).
Dr. Bharat Ratra presented the following:

- Colloquium titled “Dark Energy: constant or time variable? (….and other open questions)” at Inter-University Centre for Astronomy and Astrophysics, Pune, India (12/22), at Nankai University, Tianjin China (1/11), at National Astronomical Observatories, Chinese Academy of Sciences, Beijing China (1/13), at Beijing Normal University, Beijing China (1/15),
- Public Lecture titled “Dark Matter, Dark Energy, Einstein's Cosmological Constant and the Accelerating Universe” at Inter-University Centre for Astronomy and Astrophysics, Pune, India (12/22); close to 400 attended
- Seminar titled “Cosmological seed magnetic field form inflation” at Inter-University Centre for Astronomy and Astrophysics, Pune, India (12/23), at Tianjin Normal University, Tianjin China (1/12), at Beijing Normal University, Beijing China (1/13)
- Colloquium titled: “The “Standard” Model of Cosmology … and Open Questions)” and at Tianjin Normal University, Tianjin China (1/12)

Dr. Daniel Rolles conducted a beam time experiment at FLASH in Hamburg, Germany (11/23/15-1/4/16) and at the Advanced Light Source in Berkeley (1/22-28/16).

Dr. Uwe Thumm collaborated at the Physics Department at the University of Frankfurt, Germany on the modelling of electron emission from atoms by intense laser pulses (12/15 to 12/21/2015) and visited at the Max-Planck Institute for Nuclear Physics in Heidelberg Germany (12/22/2015).

Dr. Uwe Thumm gave an invited talk, followed by a tutorial for graduate students, on “Highly correlated negative-ion resonances in photo detachment and electron-scattering processes” at the Department of Physics at the University of Stuttgart, Germany (1/8/2016).

Dr. Itzik Ben-Itzhak gave an invited talk at (Carrier-Envelope Phase Control Over Molecular Dynamics in Strong Field Laser Pulse) and attended the 46th Winter Symposium on the Physics of Quantum Electronics in Snowbird, Utah (1/3-1/8/16).

Dr. Brett Esry G gave invited talks” at the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

GRA Peyman Feizollah presented a poster “Chirp dependence in the formation of excited neutral D fragments using strong laser field” at the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).
GRA Bethany Jochim presented “Channel competition in strong-field dissociation of CS$$^+$$” at the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

GRA Balram Kaderiya presented “Laser-induced dissociation dynamics and vibrational motion in Diiodomethane” at the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

GRA Travis Severt presented “Progress towards large flux high-order harmonic generation driven by two-color laser fields” at the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

GRA Adam Summers presented “Studying Ultrafast laser induced damage in Au nanowires experientially and computationally” at the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

GRA Farzaneh Ziaee attended the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

GRA Stefan Zigo presented "Strong-field ionization of Polar and Non-polar Isomeric Molecules” at the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

GRAs Seyyed Robatjazi, Yubaraj Malakar, and Erfan Saydanzad attended the ITAMP/B@ Winter School in Tucson, AZ (1/4-1/12/16).

Dean Zollman gave the Keynote Address at the Women’s Christian College Centenary International Conference on Viable Synergies in the Mathematical and Natural Sciences in Chennai, India (1/7/16).

Claudia Fracchiolla, GRA, attended and gave a talk (A Model for a Physics Class for Future Elementary Teachers) at the American Association of Physics Teachers Meeting in New Orleans, LA (1/9-1/12/16).

Dr. Eleanor Sayre attended and gave a talk (Investigating Students’ Ideas in Mathematization) at the American Association of Physics Teachers Meeting in New Orleans, LA (1/9-1/12/16).

Dr. Chris Sorensen gave an invited colloquium at Argonne National Lab, Physics division titled “Of Soot and Sunflowers” (1/14/16).
Research:

Grants:
Bret Flanders is co-investigator on NIH grant “Conducting Polymer Nanowires for Neural modulation.” It is funded by President Obama’s BRAIN Initiative and will support a collaboration between Flanders and Georgia Tech Chemist Christine Payne.

Awards:

Other: