

# THIRD ANNUAL BIG XII TEACHING AND LEARNING CONFERENCE

.....  
JUNE 2-3, 2016  
KANSAS STATE UNIVERSITY



BIG 12 CONFERENCE

**KANSAS STATE**  
UNIVERSITY



# THIRD ANNUAL BIG XII TEACHING AND LEARNING CONFERENCE

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Hello, Big XII Teaching and Learning Conference attendees,

Welcome to K-State! We are delighted that you are joining us for the third annual Big XII Teaching and Learning Conference. Meeting colleagues from various universities around the country is a great way to build connections while learning and having fun. In organizing this conference, we have sought the best and brightest from our Big XII schools as presenters. We can all say, "The Big XII — Big on teaching and learning." My hope is to bring this message to our respective campuses and start a movement focused on quality teaching and meaningful learning.

The representation from various universities is a strong statement that we care about education, both for our students and our professors. We believe in helping our teaching staff grow and develop into first-class teaching scholars. Our goal is to provide high-quality professional development opportunities at our various universities.

Higher education has suffered recently from negative press. Publications often ask, "Is a college degree worth it?" We hear concern regarding the financial investment required for a college degree. These comments miss the mark on what higher education really provides. Those who attend a college or university are on a pathway to success. They have strengthened their ability to think critically, grapple with complex issues and achieve financial freedom. Graduation is like receiving a ticket to a better life. My education changed me — and for the better. Didn't yours?

We want to celebrate higher education for these two days. We are thankful you are here to join us in the celebration. As K-State Provost Emeritus Jim Coffman once said, "Teaching and learning are the core missions of any university." Nothing could be more true. If we weren't teaching and students weren't learning, there would be no university.

The whirlwind of commencement is over, and another academic year is complete. The spring semester is now behind us. Take a deep breath, relax and recharge during these two days of excellent speakers, meaningful workshops and seminars. Enjoy opportunities to share ideas and thoughts with each other. Let us feed you well, both with food and with stimulating presentations, and may we all leave refreshed and renewed for another year.

Again, we are so happy you are here!



Jana R. Fallin, Ph.D.  
Director, Kansas State University Teaching & Learning Center  
University Distinguished Teaching Scholar, Professor

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# CONFERENCE SCHEDULE

## THURSDAY, JUNE 2

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<b>7:30–8:30 a.m.</b>	Continental breakfast and registration	Lobby *
<b>8:30–9 a.m.</b>	Welcome Jana Fallin, Brian Niehoff, Jim Coffman	Town Hall *
<b>9–10:30 a.m.</b>	Keynote Address – Michael Wesch Teaching for Wonder – Life Transformation Through Our Classes	Town Hall *
<b>10:30–10:45 a.m.</b>	Break	
<b>10:45–11:05 a.m.</b>	<b>Seminar Sessions</b> A1 – An Evaluation of Just-In-Time Teaching in Equine Science A2 – UT Austin’s Project 2021: A Data-Driven, Multi-Modal Future for the 40 Acres & Beyond A3 – In Pursuit of Transformation: The “Shadow Syllabus” of Critical Consciousness	Classrooms *
<b>11:10–11:30 a.m.</b>	B1 – Innovative and Effective Low-Tech, Low-Cost Teaching Methodologies for Engineering Graphics Course to Retain First-Year Engineering Students B2 – Video Conferencing Technology as the Distance Remover for Guest Speakers to Teach Students Face-to-Face, Virtually	
<b>11:35–11:55 a.m.</b>	B3 – I Know the Content but How Do I Teach It? C1 – Humor as a Teaching Tool: Do I Really Need a Funny Bone in My Toolkit? C2 – Go Team! Implications of Flipping a Team-Based Learning Course C3 – Moving Toward a Richer Evaluation of Teaching	
<b>NOON–12:15 p.m.</b>	Morning sessions wrap up – Michael Wesch	Town Hall *
<b>12:15–1:15 p.m.</b>	Lunch – Wahoo Fire and Ice Grill – Fajita Buffet	Town Hall *
<b>1:15–2 p.m.</b>	<b>Workshops</b> A1 – Serious Games for Serious Change: Engaging Students with Game-Based Learning A2 – It’s the Little Things: Learner-Centered Communication to Transform Interactions with Your Students	Classrooms *
<b>2–2:15 p.m.</b>	Break/Travel time to Hale Library	
<b>2:15–3:15 p.m.</b>	Poster Presentations/Reception/Meet and Greet	Hale Library
<b>3:15–3:30 p.m.</b>	Travel time to Leadership Studies Building	

\* *Leadership Studies  
Building*



# CONFERENCE SCHEDULE

## THURSDAY, JUNE 2 (CONTINUED)

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<b>3:30–3:50 p.m.</b>	<b>Seminar Sessions</b> D1 – Student Drawings Illustrate Improved Science Literacy in a Large, Non-Majors Science Course D2 – TCU and State Authorization: Keeping the Joy in the Distance Learning Discussion	Classrooms *
<b>3:55–4:15 p.m.</b>	E1 – Daily Reflection Exercises to Enhance Learning in Clinical Rotations E2 – Facilitating Student Collaboration in Online Environments	
<b>4:20–4:40 p.m.</b>	F1 – Creating Compelling Lecture Videos: The Real(ity TV) Deal F2 – Designing Rural Interactions: Listening, Empathizing and Learning	
<b>4:45–5 p.m.</b>	Day one wrap up – Don Boggs Door prize drawing	Town Hall *
<b>EVENING</b>	Dinner – Brookville Hotel's famous chicken SPOTLIGHT Show-and-Tell	Flint Hills Discovery Center

# CONFERENCE SCHEDULE

## FRIDAY, JUNE 3

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<b>8–10:30 a.m.</b>	Breakfast/Football facilities tour ..... Special Speaker – Bill Snyder .....	Bill Snyder Family Stadium Vanier Family Football Complex
<b>10:45 a.m.–12:15 p.m.</b>	Blue Sky Session – Mick Charney	Town Hall *
<b>12:15–12:30 p.m.</b>	Break	
<b>12:30–1:30 p.m.</b>	Forums and Lunch	Classrooms *
<b>1:30–2:15 p.m.</b>	<b>Workshops</b> B1 – Assessing Cognitive Flexibility in Undergraduate Physiology Students B2 – Designing and Faculty Training for the Next Generation Classroom	Classrooms *
<b>2:15–2:30 p.m.</b>	Break	
<b>2:30–3:15 p.m.</b>	Closing Plenary Session – Emily Dringenberg and Amy Betz Growth Mindset Response – Whitney Jeter	Town Hall *
<b>3:15–3:30 p.m.</b>	Conference wrap up and invitation for next year Door prize drawing	Town Hall *

\* *Leadership Studies Building*



# SPEAKERS

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## KEYNOTE SPEAKER

### **Michael Wesch**

Dubbed “the explainer” by Wired magazine, Michael Wesch is a cultural anthropologist exploring the effects of new media on society and culture.

After two years studying the implications of writing on a remote indigenous culture in the rain forest of Papua New Guinea, he turned his attention to the effects of social media and digital technology on global society. His videos on culture, technology, education and information have been viewed by millions, translated in more than 15 languages, and are frequently featured at international film festivals and major academic conferences worldwide.

Wesch has won several major awards for his work, including a Wired Magazine Rave Award, the John Culkin Award for Outstanding Praxis in Media Ecology, and he was named an Emerging Explorer by National Geographic. He has also won several teaching awards, including the 2008 CASE/Carnegie U.S. Professor of the Year for Doctoral and Research Universities.



## SPECIAL SPEAKER

### Bill Snyder

The architect of the “greatest turnaround in college football history,” Bill Snyder returned to the sidelines in 2009 with hopes of revitalizing a program that he once built, piece by piece, into a national force. And, after seven seasons back in charge, he has done just that — and then some.

Over the past seven years under Snyder, K-State has totaled 57 victories, an average of 8.1 wins per year; advanced to six-straight bowl games; won a conference championship in 2012; and finished third or better in the ultracompetitive Big 12 Conference in three of the last five seasons. However, the recent success should come as no surprise as Snyder took over a program in 1989 that was in the midst of a 27-game winless streak and turned it into a national contender that advanced to 11-straight bowl games and tallied six 11-win seasons over a seven-year stretch.

Turning around a program twice is one of the biggest reasons why Snyder became just the fourth person all-time to be inducted into the College Football Hall of Fame as an active coach. The man who said “No” to those who said it couldn’t be done in Manhattan, Kansas, was enshrined in 2015 — Snyder’s 24th year at the helm of the program and perhaps one of his greatest in-season coaching jobs.

Snyder led K-State to 11-straight bowl berths between 1993 and 2003, making K-State one of only seven programs in the nation to appear in the postseason every year during that stretch. During that span, Snyder’s Wildcats won nearly 80 percent of their games, chalking up 109 victories — a staggering average of nearly 10 wins per season — and making K-State the nation’s second-winningest program over that period.

## SESSION SPEAKERS

### Mick Charney

Mick Charney is a true advocate and genuine role model of teaching excellence in higher education. Charney, an associate professor of architecture at Kansas State University, received both his Bachelor of Science and Master of Architecture from the University of Illinois, Urbana-Champaign, and his doctorate in art history from Northwestern University. He has been teaching some version of a large introductory architectural history survey class for nearly 37 years. He has received numerous teaching awards, including the 2005 Kansas State University Presidential Award for Outstanding Undergraduate Teaching and the 2014-2015 Coffman Chair of the University Distinguished Teaching Scholars. His research in the scholarship of teaching and learning includes a total of more than 60 scholarly sessions chaired, workshops conducted, papers delivered and posters presented at various regional, national and international conferences. His other research interests include modern architecture and the life and work of Frank Lloyd Wright, and the merit of the lecture as an effective teaching strategy.

### Emily Dringenberg

Emily Dringenberg teaches engineering problem-solving and advises students in general engineering. Dringenberg is a K-State graduate in mechanical engineering. She received her master’s degree in industrial engineering and her doctorate in engineering education, both from Purdue University.

### Amy Betz

Amy Betz is an assistant professor and received her doctorate in mechanical engineering from Columbia University. Her research interests are convective heat transfer, multiphase systems, microfluidics, microfabrication and interfacial transport phenomena.

# WORKSHOP SESSIONS

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THURSDAY, JUNE 2  
1:15-2 P.M.

A1

## **Serious Games for Serious Change: Engaging Students with Game-Based Learning**

**Linda Yarrow and Ben Ward**

*Kansas State University*

Games are valuable tools for education in the academic setting. Games motivate and engage. They require learners to make decisions, solve problems, be complex thinkers, be creative, engage in self-monitoring and be self-directed learners. And, games are fun. In this session, examples of games for classes will be provided, along with websites for game development or modification for a variety of educational topics.

Linda Yarrow is a clinical registered dietitian working with an area hospital and she teaches upper-level nutrition classes in the department of food, nutrition, dietetics and health at Kansas State University. She created the first massive open online course for K-State.

Ben Ward is an instructional designer, technologist, educator and lifelong learning addict. He has developed and designed training programs, distance courses, face-to-face courses and instructional games. He is national leader in gamification and has presented widely in this area. He co-teaches Principles of College Teaching at K-State.

A2

## **It's the Little Things: Learner-Centered Communication to Transform Interactions with Your Students**

**Suzanne Tapp and Micah Logan**

*Texas Tech University*

Positive communication and rapport are long established as strategies for success in the classroom (Ambrose et al., 2010, and Bain, 2004). In this session, learn practical and proven ideas from online courses, F2F courses and freshmen seminars that can be incorporated at various points of the semester and serve to establish and foster rapport, enhance learning and help students reflect. Generational research (Seemiller and Grace, 2016) that examines intrinsic motivation patterns in Generation X students and how we can use their preferences to inform our classroom practices will be included. Participants will be presented multiple ideas proven effective in classrooms of varying sizes, levels and formats.

Suzanne Tapp is the executive director of the Teaching, Learning and Professional Development Center and has been at Texas Tech University for more than 20 years. She is past chair and founding member of the Texas Faculty Development Network and served on the board of directors for POD. Her research interests include organizational development, teaching portfolios and best practices related to online instruction.

Micah Logan is assistant director of Texas Tech University's Teaching, Learning and Professional Development Center. Her research centers on organizational development as related to centers for teaching and learning, service learning and student-teacher communication. At the Teaching, Learning and Professional Development Center, Logan oversees the service learning program, coordinates professional development opportunities for academic advisors, staff, faculty and graduate students; and consults.





# WORKSHOP SESSIONS

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FRIDAY, JUNE 3  
1:30-2:15 P.M.

**B1**

## Assessing Cognitive Flexibility in Undergraduate Physiology Students

**Ashley Rhodes and Tim Rozell**

*Kansas State University*

Cognitive flexibility refers to the ability to assimilate previously learned information and concepts in order to generate novel solutions to new problems. This skill is crucial for success in ill-structured domains (e.g. biology, physiology and medicine) where concepts are simultaneously required for understanding a complex problem consisting of patterns or combinations of concepts not consistently used or needed across all examples. In this study, cognitive flexibility of undergraduate physiology students was tested using a validated instrument — student approaches to learning, or SAL. Preliminary results indicate that students who use elaborative techniques when studying, such as constructing their own meaning from information and integrating new information with what they have previously learned, score higher on exams compared to students who rely on memorization strategies.

Ashley Rhodes currently teaches undergraduate biology and physiology courses at Kansas State University. Her work provides unique perspectives on student learning issues within and between the beginning courses, middle level and upper division courses. Rhodes has bachelor's and master's degrees in animal science and a doctorate in curriculum and instruction.

Tim Rozell teaches in the department of animal science and industry at Kansas State University. He teaches Anatomy and Physiology, Physiology of Lactation, Molecular Reproductive Endocrinology and Lambing. Rozell has a Bachelor of Science and a Master of Science from the University of Missouri and a doctorate from Washington State University. He completed a postdoctoral fellowship at the University of Iowa.

**B2**

## Designing and Faculty Training for the Next Generation Classroom

**Romana Hughes**

*Texas Christian University*

TCU opened a new interdisciplinary building housing 10 new classrooms, 15 student rooms, labs and study spaces. The building reflects TCU's Vision in Action: The Academy of Tomorrow. One directive for the academy is to prepare faculty to teach in these new facilities. TCU designed and delivered a new faculty development program introducing faculty to various student-centered pedagogy, new classroom technology, student success strategies and measuring student learning. This discussion will look at the development of the new building, faculty preparation to teach in the new space and lessons learned.

Romana Hughes is the assistant provost of educational technology and faculty development, with primary duties including oversight of the Koehler Center for Teaching Excellence, managing a robust, multifaceted professional development program for TCU. Hughes works with course designs intersecting student-centered learning and excellence in the use of technology in the learning environment. She has 27 years of higher education experience, 17 years in faculty development and 10 years teaching experience at the university level.



# SEMINAR SESSIONS

## THURSDAY, JUNE 2

### MORNING SESSIONS

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#### **A1** An Evaluation of Just-In-Time Teaching in Equine Science

Brandon M. Raczkoski and J. Shane Robinson  
*Oklahoma State University*

Brandon M. Raczkoski is a doctoral student and graduate research assistant at the Institute for Teaching and Learning Excellence. He is a Peace Corps volunteer who served in Zambia. His research focuses on human motivation and human capital development in diverse agricultural settings.

J. Shane Robinson is an associate professor of agricultural education and the associate director of the Institute for Teaching and Learning Excellence. He teaches undergraduate as well as graduate courses.

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#### **A2** UT Austin's Project 2021: A Data-Driven, Multi-Modal Future for the 40 Acres & Beyond

Josh Walker  
*University of Texas*

Josh Walker is the associate director of educational design for the Faculty Innovation Center and a lecturer in the department of educational psychology at the University of Texas, Austin. Walker earned a Bachelor of Arts in both psychology and religion from East Texas Baptist University, and a Master of Arts in educational psychology, focusing on program evaluation, and a doctorate in educational psychology, focusing on learning, cognition, instruction and motivation, with specialization in faculty development, both from the University of Texas, Austin. Walker served in the U.S. Marine Corps as a Korean linguist.

#### **A3** In Pursuit of Transformation: The "Shadow Syllabus" of Critical Consciousness

Kerry Priest and Traci Brimhall  
*Kansas State University*

Kerry Priest is an assistant professor in the Staley School of Leadership Studies at K-State, teaching undergraduate courses on civic leadership development. Her research explores the intersections of leadership development and engaged teaching and learning in higher education.

Traci Brimhall teaches creative writing, with an emphasis on poetry, at K-State. Her academic interests include female poets of the 20th century working in hybrid forms, graphic novels and Renaissance adaptation. Her most recent book, "Our Lady of the Ruins," won the Barnard Women Poets Prize.

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#### **B1** Innovative and Effective Low-Tech Low-Cost Teaching Methodologies for Engineering Graphics Course to Retain First-Year Engineering Students

Hitesh Vora, Chulho Yang and Ethan Knox  
*Oklahoma State University*

Hitesh Vora is an assistant professor. He has a doctorate in materials science and engineering and a Master of Science from the University of North Texas. His research focuses on machining and manufacturing with the use of lasers.

Chulho Yang is an associate professor. He has a doctorate in mechanical engineering from Purdue University as well a Master of Science and Bachelor of Science from Hanyang University in Korea. His work is focused on vehicle structure design and optimization.

Ethan Knox is a junior at Oklahoma State University studying mechanical engineering technology. From Flower Mound, Texas, he is Hitesh Vora's teaching assistant. After graduation he plans to work in the auto or construction equipment industries.

**B2** Video Conferencing Technology as the Distance Remover for Guest Speakers to Teach Students Face-to-Face, Virtually

Qing Lana Luo  
*Oklahoma State University*

Qing Lana Luo is an assistant professor of landscape architecture at Oklahoma State University. Before joining the teaching profession, she worked as a professional landscape architect for 17 years. She practiced in Boston and internationally, including in Beijing.

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**B3** I Know the Content but How Do I Teach It?

Amy Kuhn and John Oughton  
*West Virginia University*

Amy Kuhn is the director of iTeach, part of West Virginia University's Teaching and Learning Commons. Her master's and doctoral degrees are in education with an emphasis on instructional design.

John Oughton is the associate director of the iTeach group. His undergraduate degree is in computer science with master's degrees in special education and a doctorate in curriculum and instruction.

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**C1** Humor as a Teaching Tool: Do I Really Need a Funny Bone in My Toolkit?

Shane D. Lyon  
*Oklahoma State University*

Shane D. Lyon graduated from Oklahoma State University with his Doctor of Veterinary Medicine in 2005. He then completed a one-year internship at Veterinary Specialists of South Florida, followed by a three-year residency in small animal internal medicine at Kansas State University. Lyon has been a diplomat of the American College of Veterinary Internal Medicine since 2009 and is currently an assistant professor of small animal internal medicine at OSU.

**C2** Go Team! Implications of Flipping a Team-Based Learning Course

Melvin Lamboy-Ruiz and Abhijit Rao  
*Iowa State University*

Melvin Lamboy-Ruiz is an assistant professor of accounting and has research interests in financial accounting, health care financial reporting and accounting pedagogy. His doctorate is from Purdue University.

Abhijit Rao is director of the Communications Center in the College of Business at Iowa State University. His research interests are writing center and business communication pedagogy. His doctorate is from Iowa State University.

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**C3** Moving Toward a Richer Evaluation of Teaching

Doug Ward  
*University of Kansas*

Doug Ward is the associate director of the Center for Teaching Excellence and an associate professor of journalism. He blogs about teaching, technology and education. He was an editor of The New York Times. He was the 2011 Scripps Howard Foundation Journalism and Mass Communication Teacher of the Year.

# SEMINAR SESSIONS

## THURSDAY, JUNE 2

### AFTERNOON SESSIONS

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#### **D1** Student Drawings Illustrate Improved Science Literacy in a Large, Non-Majors Science Course

W. Wyatt Hoback and J. Shane Robinson  
*Oklahoma State University*

W. Wyatt Hoback is an assistant professor of entomology at Oklahoma State University. Hoback's teaching goals are to improve science literacy and student perceptions about the critical roles that insects play in humanity's success.

J. Shane Robinson is an associate professor of agricultural education and the associate director of the Institute for Teaching and Learning Excellence. He teaches undergraduate as well as graduate courses.

#### **D2** TCU and State Authorization: Keeping the Joy in the Distance Learning Discussion

Desmond Morris  
*Texas Christian University*

Desmond Morris is the director of distance learning in the Koehler Center for Teaching Excellence. Morris oversees the coordination of compliance activities related to state authorization and online learning. His experience in teaching, training and instructional design has helped in the development of TCU's distance education solutions.

#### **E1** Daily Reflection Exercises to Enhance Learning in Clinical Rotations

Margi Gilmour  
*Oklahoma State University*

Margi Gilmour is a professor of ophthalmology in the department of clinical sciences and a faculty teaching fellow for the college. She was in private ophthalmology practice for 10 years before joining the Oklahoma State faculty in 2001.

#### **E2** Facilitating Student Collaboration in Online Environments

Jeanna S. Nation and Meghan T. Gillette  
*Iowa State University*

Jeanna S. Nation is a lecturer and advisor for the financial counseling and planning program. She is involved in several teaching and learning communities, such as Blackboard Learn, which includes game-based and team-based learning. She is also a member of the Scholarship of Teaching and Learning.

Meghan T. Gillette is a lecturer and the advisor for the GPIDEA Youth Development graduate program. She is the co-chair of both the Team-Based Learning Faculty Learning Community and the Team-Based Learning Scholars faculty group. She is also a member of the Scholarship of Teaching and Learning.

#### **F1** Creating Compelling Lecture Videos: The Real(ity TV) Deal

Kinda Wilson  
*Oklahoma State University*

Kinda Wilson is a marketing instructor, author, TEDx presenter and entrepreneur. She currently teaches at Oklahoma State University and is the founder of two startup companies.

#### **F2** Designing Rural Interactions: Listening, Empathizing and Learning

R. Todd Gabbard  
*Kansas State University*

R. Todd Gabbard is an associate professor in K-State's architecture department. Among other roles, he directs the department's Small Town Studio, which has delivered visualization, design and construction services to 10 rural Kansas towns.







# POSTER PRESENTATIONS

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## Using Novel Pedagogical Tools to Help Students See the Gray and Not Just the Black and White

Abigail Wilson, Ashley Rhodes and Tim Rozell  
*Kansas State University*

Abigail Wilson is a graduate teaching assistant in the division of biology. She is working toward her master's degree in biology. Her research emphasis includes both education and scientific research.

Ashley Rhodes is a teaching associate professor in the division of biology. Her research focuses on improving cognitive flexibility within ill-structured domains through the design and development of novel pedagogical tools.

Tim Rozell is an associate professor in animal sciences and industry. He has led study tours to Switzerland, Germany and France. He has an active research program in physiology of exercise and production performance in dairy cattle.

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## Soils at the Drive-through

Sergio Abit  
*Oklahoma State University*

Sergio Abit is an assistant professor of soil science teaching in the department of plant and soil sciences. He teaches seven soil science courses in support of the undergraduate and graduate degree programs of the department of plant and soil sciences at Oklahoma State University.

## A Collaborative QUEST for Teaching Excellence

Patricia Ackerman, Siny Joseph and Jung Oh  
*Kansas State Polytechnic*

Patricia Ackerman is a professor of language arts and critical thinking courses. She was recently elected to the board of directors of the Kansas Humanities Council. She has received numerous teaching awards, including this year's Coffman Chair for University Distinguished Teaching Scholars.

Siny Joseph is an assistant professor of economics. Her research interests are in food policy analysis, sustainable mobile computing and application of drones in agriculture. Her doctorate is from the University of Massachusetts, Amherst.

Jung Oh is a professor of chemistry. Her doctorate is from UCLA. Oh has received several awards. Her interests in scholarship of teaching include cross-curricular innovation.

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## Financial Literacy for First-Generation College Students: The Case for Using Online Learning

Jose Fulgencio  
*Oklahoma State University*

Jose Fulgencio is a doctoral student and has a Master of Science in entrepreneurship from Oklahoma State University. He is a lifelong advocate of education, personal finance and the Hispanic community.

## Video Term Papers as an Expanded Form of Literacy

William Genereux  
*Kansas State Polytechnic*

William Genereux is an associate professor of computer and digital media technology. He has been working with computers for more than three decades. His research is in the educational use of digital media technology.

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## Flipping Out Over Proteomics

Donald Ruhl  
*Oklahoma State University*

Donald Ruhl is an assistant professor of biochemistry and molecular biology. His research lab studies the structure and function of a tumor suppressor protein. His doctorate is from Saint Louis University.

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## Coding Social Imagery: Learning from a #selfie #humor Image Set from Instagram

Using Qualtrics to Create Automated Online Trainings

Using "Distant Reading" to Explore Discussion Threads in Online Courses

Shalin Hai-Jew  
*Kansas State University*

Shalin Hai-Jew works as an instructional designer. She has developed online learning for Boeing, Washington Online and a number of universities. She has taught for decades both in the United States and abroad.



### **Use of Technology in Food Science Class: Students' Perceptions Survey**

Ranjith Ramanathan  
J. Shane Robinson  
*Oklahoma State University*

Ranjith Ramanathan is an assistant professor in the department of animal science. His doctorate is from the University of Connecticut.

J. Shane Robinson is an associate professor of agricultural education and the associate director of the Institute for Teaching and Learning Excellence. He teaches undergraduate as well as graduate courses.

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### **The Formative Use of Summative Assessment**

Dennis S. Burket  
*Kansas State University*

Dennis S. Burket is a retired Army officer who has been teaching in the tactics department at the U.S. Army Command and General Staff College for more than 10 years. He is a K-State doctoral student and is completing his studies this summer.

# FORUMS

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Big XII Teaching and Learning Conference participants will choose from the following forums for lunch, Friday, June 3. These topics were selected as contemporary issues common to many universities in the Big XII. Moderators will facilitate the discussions. Some of the forum moderators will also present information pertinent to the topic as part of their leadership role.

### **First-Generation Students**

Adriana Gonzalez  
*Kansas State University*

Fred Hasler  
*Kansas State University*

In October, we presented a one-day conference at K-State on the challenges faced by first-generation college students. Come to this forum to learn more about meeting the needs of this very important group on our campuses.

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### **Military-Connected Students**

Jane Fishback  
*Kansas State University*

Trey Cade  
*Baylor University*

K-State and Fort Riley, a military post only a few miles away, work well together providing support for our military-connected students. You may not be close to a military installation, but we are confident that every university has students with military connections. Come learn about programs some universities offer to help these groups.

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### **First-Year Programs**

Tamara Bauer  
*Kansas State University*

We know that retention is very important at all universities, both for the beginning students and for the viability of the university. This forum will share programs designed to help students get their academic careers off to a good start.

### **Academic Dishonesty/Honor and Integrity**

Steve Starrett  
*Kansas State University*

Camilla Roberts  
*Kansas State University*

Pick up a teaching journal from the last few years and you will find references to the problem of academic dishonesty. All universities share this burden of what to do when students cheat. Find out what other universities are doing by attending this forum.

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### **Supporting Teaching with Technology**

Rebecca Gould  
*Kansas State University*

Jerimy Sherlin  
*Oklahoma State University*

Come learn about OSU's "little studio that could," a break room that was converted into a full-service studio. Also, come and share how your university is using the latest and greatest technology to support teaching and learning.

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### **Course Evaluations**

Paula Connors  
*Kansas State University*

Bruce Bahlmann  
*Kansas State University*

We all have to do it! Providing meaningful student evaluations of courses ... What does that mean? Come see how K-State is breathing life into its course evaluation tool and share how your campus is getting feedback from students about the courses they take.



# SPOTLIGHT SHOW-AND-TELL

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SPOTLIGHT K-State is a showcase event highlighting excellence in innovative, creative and unique teaching on our campus. The event, held in the spring, is a fast-paced, informative format with 10 speakers who are each introduced by one of their students. The presenters are selected from teaching faculty across our university, representing many colleges, teaching ranks and curricula. Each presenter provides a visual portrayal illustrating their topic, which is presented in a very short time frame, around six minutes.

Past presenters helping us demonstrate and explain SPOTLIGHT K-State are:

Fred Burrack, *Music Education*

Mick Charney, *Architecture*

Steve Dyer, *Electrical Engineering*

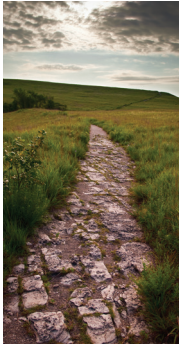
Stacey Kulesza, *Civil Engineering*

Ashley Rhodes, *Biology*

Chris Sorensen, *Physics*

Michael Wesch, *Anthropology*



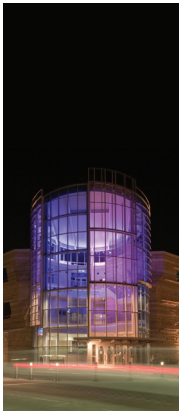


## KONZA PRAIRIE

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The Konza Prairie is a 13-square-mile expanse of native grasslands with creeks, native trees and wildlife, including deer and bison. Most of the Konza was once part of the Dewey Cattle Ranch and is located about 6 miles south of Manhattan. In the 1970s, the Nature Conservancy purchased the property and it is

now managed by Kansas State University as a research area to study the tallgrass prairie ecosystem. Limestone outcrops characterize the landscape, with grasses as the dominant plants of the prairie — big bluestem, Indiangrass, little bluestem and switchgrass are in abundance.



## FLINT HILLS DISCOVERY CENTER

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In the heart of downtown Manhattan, the Flint Hills Discovery Center celebrates the importance of the geology, ecology and cultural history of the Flint Hills. The facility opened April 14, 2013, with exhibits designed to encourage visitors to explore firsthand the many special places with the Flint Hills region of Kansas. The center has meticulously crafted

and developed exhibits and programs to promote intergenerational education and inspire a lifelong commitment to learning. At the multimedia Immersive Experience Theater, one can feel the wind rush through the hair, watch smoke from a prairie fire and learn the story of this region of Kansas.



## BILL SNYDER FAMILY STADIUM

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Named for K-State's beloved legendary head football coach, Bill Snyder Family Stadium comes alive every fall with excitement and purple pride as students, faculty and fans gather to cheer on the Wildcats. The 250,000-square-foot West Stadium Center opened in fall 2013, featuring new

concessions, restrooms and ticket offices. The Terrace Level features the Ahearn Fund Student Athlete Performance Table and the Tailgate Terrace. The second, third and fourth levels have outdoor suite, club and loge seating.



## VANIER FAMILY FOOTBALL COMPLEX

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The original Vanier Sports Complex was replaced with a brand-new facility before the start of the 2015 football season. This new complex includes a massive new strength and conditioning center, new sports medicine

and hydrotherapy equipment, a team theater, customized and centrally located locker room, student-athlete lounge spaces and expansive meeting rooms.

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## THANK YOU AND INVITATION FOR NEXT YEAR

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Thank you all for attending our third annual Big XII Teaching and Learning Conference. How exciting to share outstanding teaching ideas from our Big XII professors and to meet new colleagues from across our Big XII universities.

We hope that you are leaving refreshed and renewed, looking ahead to next year's conference.

Texas Tech University will be hosting the fourth annual Big XII Teaching and Learning Conference on their campus in Lubbock, Texas. Suzanne Tapp, executive director of the Teaching, Learning and Professional Development Center, invites us all to attend. Watch for information from Suzanne and start planning now to be part of this event. We all need to promote the fourth annual Big XII Teaching and Learning Conference and bring representation from all our universities in 2017.

Remember, The Big XII — Big on teaching and learning!





BIG 12 CONFERENCE

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