IMPACT

KANSAS STATE UNIVERSITY

FALL 2016

COLLEGE OF ENGINEERING



KANSAS STATE

FROM THE DEAN

'he numbers are in. And they're looking good. In fall 2016, we are making outstanding progress on four of the 10 metrics — and definitely 'on track' with the other six — developed to chart our five-year goals toward achieving a

top-50 status as a public research college of engineering. Two of these involve enrollment numbers, both undergraduate and Ph.D., and two involve faculty, their productivity and rewarding their productivity.

Year one of the five-year plan saw undergraduate enrollment at 3,350 with a goal of reaching 3,800 by year five. Now, in year three, we have exceeded our goal with an enrollment of 3,876.

Our goal for Ph.D. enrollment was to go from 165 in year one to 230 in year five. This fall, we are at 217, just 13 away from our five-year goal.

Two other goals met and exceeded are scholarly publications per faculty member, and total number of endowed positions. From year one to year five, our goal was to move from two publications annually per faculty member to three. This year our average is 3.1. In 2013, we had 29 endowed positions, with a goal of reaching 40 by year five. In year three, we have 43 endowed positions.

While the numbers are impressive and give a snapshot view of our progress and success, I'd invite you to take a behind-the-scenes look at these accomplishments, beyond the data if you will, through the lens of the stories and photos in this issue of Impact.

Meet Lisa Wilken, a young professor making her mark in a big way. Read about Mary Vesper, the woman behind the BEE program that is moving our retention levels to new highs. Look at the faces of faculty who've recently joined the college, those of the award winners honored for their accomplishments, as well as the five latest endowment recipients recognized for their academic endeavors.

To keep those undergraduate and Ph.D. levels where we need them to be, you'll note a new hire for our recruitment team, Leanne Milleret; in addition to our new associate dean for research and graduate programs, Ronaldo Maghirang.



LEFT, DEAN DAWSON AND RAY DEMPSEY, IE '90, DEAN'S ADVISORY COUNCIL CHAIR

We've highlighted the fall meeting of our top-notch advisory council, honored a company of the year, reported on growth and participation of our corporate partners in the ELI program, and spotlighted recent providers of faculty endowments, as well as the names of all Seaton Society members/donors.

Because, yes, while the numbers are in, and yes, they're looking good, it's the people behind the data — faculty, staff, alumni and students — who are the real producers and benefactors of the ongoing record of success at K-State engineering.

Darren Dawson, dean

KANSAS STATE UNIVERSITY

FALL 2016

COLLEGE OF ENGINEERING

2017 SPRING SEMESTER CALENDAR

Jan. 17 — Spring semester begins

March 18-26 — Spring break

March 31 — Engineering Open House

April 1 — All-University Open House

April 1— Seaton Society celebration

May 12 — Graduate School commencement ceremony

May 13 — Undergraduate commencement ceremony

ENGINEERING RESEARCH PUBLICATION PUBLISHED

The inaugural issue of "FRONTIERS" — the biennial magazine on researchand scholarship-related activities in the College of Engineering — is now available at engg.k-state.edu/docs/ frontiers/frontiers.pdf



Kansas State University • College of Engineering JEIA SCORECAR

RESULTS BY ACADEMIC YEAR BASELINE '11-12 '12-13 '13-14 '14-15 '15-16 '16-17 '21-22 2,960 | 3,056 | 3,172 | 3,327 | 3,503 | 3,666 | 3,876 | \$\leftarrow\$ | 3,750 **Enrollment** 483 472 531 499 498 423 **Engineering grads** 141 | 142 | 148 | 149 | 148 | 150 | Faculty

Data from the K-State Office of Planning and Analysis

IN THIS ISSUE

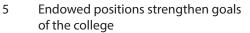






INNOVATION

There's no place like home





Engineering Leadership and Innovation program

Seaton Society roll call

Retention rates climb with academic peer-mentoring program

Alumni news

News from around the college

STUDENTS INTERACT WITH EMPLOYERS AT THE CAREER FAIR RECOGNITION BANQUET. SEPT. 21, AT THE K-STATE ALUMNI CENTER.

IMPACT

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College of Engineering





THERE'S NO PLACE LIKE HOME

WILKEN LAUNCHES ACADEMIC CAREER IN RETURN TO ALMA MATER

By Mary Rankin



isa Wilken grew up on a farm in western Kansas, the youngest of seven children. Graduating from K-State in biological and agricultural engineering in 2003, she headed to Texas A&M University, completing a doctorate there in 2009. In March 2012, she returned to her alma mater as an assistant professor.

"I feel very fortunate to be back at Kansas State, a place that had a tremendous impact on me as a student," Wilken said.

"It's the place I first learned about biological and agricultural engineering and engaged in research endeavors — experiences that really sparked my interest in graduate school and drove my desire to return to the university."

When Wilken graduated in 2003, there were 66 students in the biological and agricultural engineering undergraduate program. Today, that

number is close to 150. With that growth has come new and expanded classroom and laboratory space, including the bioprocessing and bioseparations lab that Wilken developed in collaboration with other faculty.

Another change Wilken encountered was a shift from being a student to being a colleague with faculty members who had been at K-State during her undergraduate days, and hold those same posts today.

"It has been an interesting experience," she said. "I try to think back to my time then and imagine what I was like, hoping I made a good impression to those faculty members.

"I honestly feel I had some of the very best professors K-State had to offer. Across campus — math, physics, engineering — the support system was truly top-notch. And

returning has reminded me of another thing I appreciate — faculty tend to stay here a long time."

Wilken is also impressed with the academic support system the College of Engineering has established, saying, "It was good when I was a student, but now the peer-tutoring program and all its benefits at no cost to students is amazing."

Wilken strives to inspire students in the classroom with her enthusiasm for the task.

"Students will not say my courses are easy," Wilken said. "But that's okay. I want to challenge them and help them build critical thinking skills. I want to connect the subject matter to something that gets them excited, inspiring them to ask questions and seek solutions.

"I've had the opportunity to develop two new courses and modify existing course content to enhance the biological option within the biological systems engineering degree program," she said. "These classes can be challenging to teach as they require integration of science and engineering concepts, and incorporation of fundamentals into real-world applications."

In her bioprocessing and bioseparations lab, Wilken is developing technologies and strategies for recovery and purification of pharmaceuticals, food and feed proteins, industrial proteins and oil to advance bioenergy, food, and pharmaceutical processes and industries.

CONTINUED ON PAGE 4

Kansas State University College of Engineering IMPACT Fall 2016 **EDUCATION**





CONTINUED

"To enhance students' educational experience, I engage undergraduates in all phases of my research, including planning and designing experiments, data collection and analysis, and reporting and presentation," she said. "I want to provide opportunities beyond washing dishes, and simple laboratory upkeep and maintenance.

"I believe participation in these activities beyond the classroom can have a profound influence on a student's development and pursuit of a successful career in engineering."

Wilken actively seeks local, regional and national forums for students to present their work. Her undergraduate student researchers have earned more than 15 research awards since 2014.

Wilken said the awards are a testament to the quality of students she has had the opportunity to work with, the infrastructure and facilities available, and the programs that provide support for these students.

"My students have been fortunate to compete for and receive undergraduate research funding such as the college's Raj and Diana Nathan Award, the Undergraduate Research Experience Award, national levels. These include the Kansas and travel and research awards from the Office of Undergraduate Research and Creative Inquiry," she said.

She also credits her graduate students who "have been key assets for the success of my undergraduate student researchers." While contributing significantly to her research program in bioseparations and bioprocessing, they assist with training, day-to-day



"I believe participation ... beyond the classroom can have a profound influence on a student's development and pursuit of a successful career in engineering."

— Lisa Wilken

guidance and mentorship, which enable undergraduates to develop lab skills necessary for independent research.

Establishing herself in the classroom and laboratory has brought Wilken early and frequent recognition for her teaching, research and advising. In her four-year tenure, she has been honored with 12 awards on the college, university and State University Presidential Award for Excellence in Undergraduate Teaching, University Distinguished Faculty Award for Mentoring of Undergraduate Students in Research, College of Engineering Dean's Award of Excellence in Teaching and in Service, College of Engineering Charles H. Scholer Faculty Award, American Society of Agricultural and Biological Engineers A.W. Farrall Young Educator Award, and two

Presidential Citations from The Institute of Biological Engineering for exemplary service.

"I believe these types of recognition arise from my strong passion to mentor students and extend teaching beyond the traditional classroom environment," she said. "These awards would not have been possible without the support and encouragement of my colleagues in the department and college, students and former students."

Outside of the classroom and lab, Wilken is active in two professional societies, as well as being faculty adviser for the American Society of Agricultural and Biological Engineers student engineering branch, Tau Beta Pi Honor Society and Engineering Open House.

In her spare time, she likes to travel, enjoy her red toy poodle, Riley, and spend time with family that moving back to Kansas has made easier to do.



ENDOWED POSITIONS STRENGTHEN GOALS OF THE COLLEGE

hilanthropic investment in faculty is one of the most critical components of the Innovation and Inspiration Campaign for Kansas State University. These gifts can cover startup costs for new faculty, provide seed funding for new research initiatives, help with stipends for student assistants or fund travel for professional development and research presentations. When faculty members receive an endowed position, it is also a tremendous honor that strengthens their professional credibility.

Five professors across the College of Engineering were recently honored with endowed positions: James Goddard, professor in the architectural engineering and construction science department, Hutton Family Distinguished Faculty Fund in Construction Science; Caterina Scoglio, professor of electrical and computer engineering, Paslay Professorship in Electrical and Computer Engineering; John Hatcliff, professor of computer science, Lucas-Rathbone

Professorship in Engineering; J. Kenneth Shultis, professor of mechanical and nuclear engineering, lke and Letty Evans Cornerstone Teaching Scholar; and Robert Stokes, professor and department head of civil engineering, Civil Engineering Alumni Professorship Honoring Dr. Robert Snell.



With gifts from alumni and friends, the Innovation and Inspiration Campaign is raising \$1 billion to advance Kansas State University toward

its 2025 goals. Call 785-532-7609 or email engineering@found. ksu.edu to learn more about how you can make a difference.







JOHN HATCLIFF



J. KENNETH SHULTIS



ROBERT STOKES

Kansas State University College of Engineering **IMPACT Fall 2016** **EADERSHIP**



COLLEGE OF ENGINEERING NAMES **HENDERSON** 2016 'COMPANY OF THE YEAR'

he Kansas State University College of Engineering honored Henderson Engineers Inc. Lenexa, as the 2016 Company of the Year at its 33rd annual Career Fair Recognition Banquet, Sept. 21, at the K-State Alumni

The recognition is an annual selection based on exhibited commitment to engineering education, as well as high standards and quality performance in the engineering profession.

A multidisciplinary engineering firm headquartered in the Kansas City metropolitan area, Henderson Engineers has 10 offices nationwide and more than 600 employees. Specialized services include mechanical, electrical, plumbing, acoustics, architectural lighting, commissioning, fire protection, refrigeration, security, sustainable design and technology.

Henderson Engineers funds two scholarships annually in the College of Engineering and currently employs more than 100 of its graduates.

"To put forth the best product means hiring the best people, and we have always looked to the College of Engineering for well-educated and welltrained employees," said Shane Lutz, executive vice president at Henderson Engineers and a 1991 K-State graduate in architectural engineering. "K-State has always been a great resource for quality



FROM LEFT: RAY YUNK, ARE/CNS DEPARTMENT HEAD; CARSON MOSER, SHANE LUTZ, MIKE MCCLUSKEY, TONY PIANALTO AND ANDREW KNIGHT — ALL HENDERSON ENGINEERS INC. EXECUTIVES: DARREN DAWSON, DEAN OF ENGINEERING; AND GARY CLARK, SENIOR ASSOCIATE DEAN OF ENGINEERING.

engineers, whether they join our team as full-time employees or interns. Our Manhattan office provides year-round internship opportunities while summer positions are available in multiple offices. We know funding scholarships and supporting a robust internship program is one of the best ways we can invest in the future of engineering."

"Support from companies such as Henderson is a vital part of our mission to

produce the next generation of engineers, and construction and computer scientists," said Darren Dawson, dean of the College of Engineering at K-State. "It is a privilege and honor to recognize that commitment by naming Henderson Engineers Inc. as our 2016 Company of the Year."

The Company of the Year event is hosted and sponsored by the K-State Tau Beta Pi Engineering Honorary Society.



ENGINEERING LEADFRSHIP AND INNOVATION PROGRAM



By Hayli Morrison

bout one-third of CEOs leading S&P 500 corporations hold undergraduate degrees In engineering. That's why corporations see K-State's Engineering Leadership and Innovation Program as an investment opportunity to help shape the next generation of engineering leadership.

The program takes a three-part approach with coursework, mentors and creative inquiry teams, so students can learn from theory, hands-on application and relationships with professionals working in the field. By working in conjunction with the Staley School of Leadership Studies on campus, this program will produce highly sought-after graduates with the complete skill set needed to lead teams through next-generation challenges.

So far, 10 corporations have invested in the program. By investing in this progressive venture, partners gain direct access to top prospective employees while making a difference for this generation and the future of industry.

"We have the first cohort of students right now, and we've had three career spotlight days. We're off to a strong start," said Ronaldo Maghirang, program administrator and associate dean for research and graduate programs in the College of Engineering. "Our corporate partners provide scholarship support and they also provide mentors. They are a very critical component of the program, and we look forward to increasing the number of corporate partners as we see this program grow in the coming years."

We thank corporate partners who make the Engineering Leadership and Innovation Program possible.





























Kansas State University College of Engineering

IMPACT Fall 2016





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The Seaton Society awards lifetime membership to its founders, those who have made a commitment in excess of \$100,000 to engineering education excellence as of FY 2016.

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Seaton Society members are recognized for their gifts of \$1,000 or more to the College of Engineering. The following contributed between July 1, 2015 and *June 30, 2016.*

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The Society

In the spirit of the legacy of Roy Andrew Seaton, the longest serving dean in the history of Kansas State University College of Engineering, the Seaton Society was established in 1999 to recognize donors who provide significant annual gifts to support the College of Engineering.

The impact of Seaton Society donors is seen in every aspect of the college as it moves forward in excellence of engineering education. Initiatives supported by these funds include the following:

- discretionary gifts to the dean or department
- scholarships to recruit new students, recognize academic excellence and retain those with financial need
- student leadership organizations and activities
- student participation in competitions and leadership opportunities
- special projects and professional development for faculty

Membership Levels and Benefits

Membership in the Seaton Society recognizes all who contributed \$1,000 or more between July 1, 2015, and June 30, 2016, to any area within the College of Engineering.

Donors may renew their membership each year by making a gift at one of five levels. The exception is the Founder Level; these donors, at the dean's invitation, receive lifetime membership for their extraordinary support of the vision and mission of the college.

> Founder: \$100,000+ **Director:** \$10,000+

Executive: \$5,000 to \$9,999.99 **Partner:** \$2,500 to \$4,999.99

Leadership Circle: \$1,000 to \$2,499.99 Members are invited to attend the annual Seaton Society Banquet, are listed in IMPACT, and are

campus activities.

included in periodic area/regional events and

Roll call continues on next page

Kansas State University College of Engineering IMPACT Fall 2016





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Every effort has been made to produce a comprehensive listing of donors for the calendar year July 1, 2015, to June 30, 2016. We apologize for any incorrect listings, misspellings or omissions, and extend our sincere thanks for your support. Questions about the donor list should be directed to Brett Larson, Senior Director of Development, College of Engineering, Kansas State University Foundation, 1800 Kimball Ave., Suite 200, Manhattan, KS 66502; 785-532-7519 or 800-432-1578.

Kansas State University College of Engineering IMPACT Fall 2016 11





RETENTION RATES CLIMB WITH ACADEMIC PEER-MENTORING PROGRAM

By Mary Rankin

he Building Excellent Engineers, or BEE, program has taken flight! Retention rates are on the rise as participation grows in this academic peermentoring endeavor.

Developed to assist engineering students in overcoming academic challenges, year one of the BEE program in 2015-16 assisted 104 participants in the fall and spring semesters. Seventy-three mentees are currently enrolled for fall 2016.

Designed to improve attrition rates in students studying engineering, in fall 2015, BEE yielded a 98 percent retention rate of participants at the university level and an 89 percent retention rate within the College of Engineering, Spring 2016 saw a 97 percent retention of student participants at the university level and 93 percent within the college.

The BEE program is structured around academic peer mentors working with engineering students on such strategies as time management, organizational tips, academic study skills/approaches, test-taking techniques and how to navigate various academic resources on campus. The program is designed to set up any student for success, but especially those with varying abilities and unique learning modalities.

"The goal for those participating in the program is to increase their skill set to become independent learners and develop into successful engineering students," said Mary Vesper, advising coordinator in the College of Engineering Academic Success Center and creator of the BEE program.

BEE involves hiring paid, academic peer mentors, trained by Vesper throughout the semester in various academic approaches to learning for use with their mentees. Mentors then meet with assigned mentees, one to two times per week depending on need, for one-hour sessions in the Fiedler Learning Commons.

"When hiring mentors," Vesper said, "I look for people-oriented students who have experience caring for, or working with people, for example, in summer camps or similar settings."

Mentors must have a cumulative GPA of 3.2 or higher, and current hires are all either engineering, education or business majors. They report regularly to Vesper via online forms, summarizing what they worked on in each session with their

Mentees in the program come to Vesper's attention from an "academic warning list," as well as referrals from

faculty and staff who think certain students might benefit from the BEE program. She makes an initial contact with each potential student mentee, with that person having the choice whether or not to participate in the program.

The BEE program is not just a 'peermentoring' program, but is an 'academic peer-mentoring' program, Vesper stressed.

"The academic focus is a big difference," she said. "I personally pair mentors and mentees based on their academic classes and background. I first pair mentors and mentees within the same major. Next I look at mentors who have taken classes that the mentees are currently enrolled in. Lastly I match according to the mentee's needs, whether it be organizational, study skills, etc., and match from that perspective."

Vesper's personal goal for the program would be to see it support an even broader population of students before they encounter academic difficulties.

"I would like to reach out to firstvear students and eventually provide BEE resources to other groups who have been historically underserved in higher education," she said. "Being proactive and supporting all populations is the main goal of the program."

MENTEES SPEAK ABOUT THE BEE PROGRAM

"My most positive experience was realizing I could succeed as long as I had the proper organization and work ethic. The past is irreversible, so focus on sculpting the future."

"Without the BEE program, I would never have taken advantage of all the resources on campus such as tutoring, and the many connections I have made with fellow students and professors. I've learned new study habits that to this day help me achieve success in the classes I take."

"I would absolutely recommend this program to others! It's been a game changer for how engineering students should approach their decisions in college."

MENTORS SHARE THEIR EXPERIENCES

"I am a member of Engineering Ambassadors as well, so I get to recruit high school students, and with this opportunity, I get to try and keep students at Kansas State.

"I have been doing this for three semesters now and have seen numerous faces from my first semester of the program around campus and in the library. Knowing I made a positive impact that has lasted has to be my favorite part of the experience."

— Sam Kaifes, senior, mechanical engineering

"What initially drew me to become a student mentor in the BEE program was the opportunity to make a difference in the college life of my peers here at K-State.

"The best part is the relationships I've formed with the students I've mentored. I enjoy their pride after they succeed academically, especially when they realize it was their personal hard work that caused them to do so."

— Brooke Hemmert, senior, education and biological sciences



RECOGNITIONS

1978

Maynard Herron (AGE, M.S.), Hesston, Kansas, was named a fellow of the American Society of Agricultural and Biological Engineers at their 2016 international meeting in Orlando, Florida.

1984

Cleat Smerchek (MET), Oakland City, Indiana, retired after 25 years as a quality engineer at Hansen Corporation in Princeton, Indiana. Accomplishments include certified mechanical inspector, certified quality engineer and Mensa member.

Nathan West (EE), Edinburg, Virginia, retired after 31 years with Lockheed Martin Aeronautics Company as an F-16 chief engineer. He concluded his aerospace career developing new capabilities and mentoring technical talent as a leader in "Skunk Works," Lockheed Martin Aeronautics' advanced development programs organization.

Todd Bednar (CNSM), Cary, North Carolina, is a senior estimator, civil/structural/architectural, with Black & Veatch. Working with large energy and water projects, recent clients include Oklahoma Gas & Electric, Florida Power & Light, and the Department of Defense in Egypt.

1993

Jack E. Carlson (CNSM), Manhattan, Kansas, is a recipient of a 2016 K-State Presidential Award of Excellence for Unclassified Professionals, distinguished accomplishment category. He is an engineering project manager for the campus planning and project management office.

1995

Tina (Thome) Reintjes (ME), Wichita, Kansas, recently received a Masters of Arts in Teaching from Wichita State

University and currently teaches middle school math at St. Thomas Aquinas in Wichita.

2015

Kathryn Douglas (BAE), currently a graduate student at Virginia Tech, received the Pharos of Alexandria Global Learning Award at the 2016 American Society of Agricultural and Biological Engineers International Meeting in Orlando, Florida.

DEATHS

1942

C.J. "Neil" Vanderwilt (ME), Charleston, West Virginia, died Jan. 30, 2016. He had been employed at DuPont Belle Works in Charleston from 1942 until his retirement in 1981. A World War II Marine veteran, he served as a transport pilot in the Central Pacific, and is survived by two daughters, Mary Ellen and Ruth; son, Bill; and two grandchildren.

1944

Otto H. Trechter Jr. (CHE), Houston, Texas, died Jan. 21, 2016. He had retired as a medical division manager from Corning Glass Works, Palo Alto, California, in 1984. He was a veteran of World War II, Pacific Theater, and is survived by his wife, Cathleen; one daughter; and two grandsons, both engineers.

1985

Randall Beckman (IE, M.S.), Frederick, Maryland, died May 9, 2016. He is survived by his wife, Loretta.

1991

Jerry M. Sipes (ME, M.S. '93, Ph.D. '96), Duluth, Georgia, died May 31, 2016. He was an educator and published author, and an ASHRAE distinguished lecturer. He received the Ralph G. Nevins Physiology

and Human Environment Award in 2001 for "Significant Accomplishment in the Study of Physiology and Human Response to the Environment." He is survived by his partner, Mark Smith-Sipes, and son, Matthew; and was preceded in death by his son, Glenn Sipes, a K-State 2015 graduate in industrial engineering, who died Feb. 27, 2016.

Faculty and staff

Peter B. Cooper, CE professor emeritus, Manhattan, Kansas, died on May 12, 2016. He joined the CE department at K-State in 1966 and for the next 33 years taught scores of classes, and advised hundreds of undergraduate and graduate students, until his retirement in 1999. He is survived by his wife, Helen; daughters, Susan and Patricia; and two granddaughters.

William E. Starr Jr., Manhattan, Kansas, died May 13, 2016. He had been a staff member of the department of nuclear engineering at K-State for 29 years prior to his retirement in 1999. He was a decorated Air Force veteran of the Vietnam War and is survived by his wife Darlene; son, Bill; daughters, Melodie and Stacey; and two grandchildren.

We are interested in following the career paths and accomplishments of our alumni, focusing on promotions, advancements, awards and honors, job changes and of course, retirements, as well as death notices. Please send your information in these categories to —

Impact Editor

College of Engineering 1058 Rathbone Hall 1701B Platt St. Manhattan, KS 66506 email: impact@engg.ksu.edu

GRADUATE STUDENTS SELECTED AS RECRUITMENT AMBASSADORS

he Engineering Graduate Recruitment Ambassadors Program was launched in the fall of 2016, made up of a select group of graduate students who will participate in recruiting strong applicants for graduate study in the College of Engineering and welcome them once admitted.

This year's group of seven will each receive a stipend, and will represent the college and their graduate field at recruitment events, conferences, on-campus information sessions, and in some cases, during visits back to their undergraduate alma mater. Throughout the year, they will write about campus events, research experiences, organizations and general graduate student life. Other responsibilities include providing departmental tours, participating in calling campaigns and being available via email to answer questions for potential graduate students.

Department heads or directors of graduate studies nominate and select, in consultation with the office of engineering research and graduate programs, ambassadors for their doctoral programs. Along with being current graduate students, applicants must have excellent communication skills, and a preferred GPA of 3.5 or higher. Each fellowship is renewable for up to three years.

2016 Engineering Graduate School Ambassadors, from left, Siim Koppel, IMSE; Michael Reichenberger, MNE; Haripriya Naidu, CE; Kelsey McDonough, BAE; Rakibul Mowla, ECE; Song Liu, CHE; and Pavel Janovsky, CS.



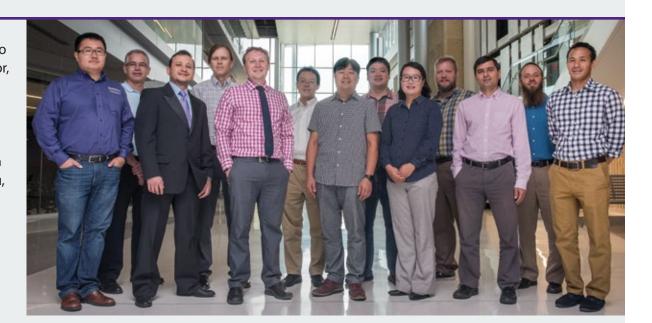
Kansas State University College of Engineering IMPACT Fall 2016

News from around the college

NEW FACULTY

ourteen new faculty have joined the College of Engineering in 2016, left to right: Peter Zhang, assistant professor, IMSE; Jorge Valenzuela, instructor, CS; Sigifredo Diaz, instructor, CHE; Ron Brockhoff, instructor, MNE; Derek Clements, instructor, ARE/CNS; Mingjun Wei, associate professor, MNE; Jungkwun Kim, assistant professor, ECE; Hongyu Wu, assistant professor, ECE; Mei He, assistant professor, BAE; Nathan Bean, instructor, CS; Vahid Rahmani, assistant professor, BAE; Zayd Leseman, associate professor, MNE; and Mike Wales, instructor, CHE.

Not pictured: Cody Nelson, instructor, ARE/CNS.



FORMER INTERIM NOW DEPARTMENT HEAD

Scott DeLoach was named head of the department of computer science at Kansas State University in September 2016 after having previously served as interim head since 2014.

DeLoach joined computer science at K-State in 2001 after a 20-year career in the U. S. Air Force. Most recently, in addition to teaching and research, he had been serving as head of the doctoral fellowship selection committee and master's in software engineering committee.

DeLoach received a bachelor's degree in computer engineering from Iowa State University in 1982, and master's and doctoral degrees in

computer engineering from the Air Force Institute of Technology in 1987 and 1996, respectively.

His main research focus is intelligent, adaptive and distributed systems. Current areas of application include intelligent power-distribution systems and adaptive enterprise network security. DeLoach's research has been sponsored by the National Science Foundation, the Air Force Office of Scientific Research, the Marine Corps Systems Command, Intelligent Automation, M2 Technologies and Stanfield Systems Inc.

MILLERET JOINS RECRUITMENT TEAM

Leanne Milleret joined the College of Engineering as a recruitment coordinator in August 2016. In addition to working with prospective students both on and off campus, she will also serve as an adviser for the Engineering Ambassadors.



Milleret is a Kansas State University alumna, earning her bachelor's degree in agricultural economics with a specialty in agronomy in 2014. She is originally from Lawrence, Kansas.

Prior to joining the college, Milleret worked in the agricultural industry as a yield specialist at AgVenture, specializing in precision agriculture and customer communication, support and retention.

MAGHIRANG NAMED ASSOCIATE DEAN FOR RESEARCH AND GRADUATE PROGRAMS



Ronaldo Maghirang, professor of biological and agricultural engineering, was named associate dean for research and graduate programs in the College of Engineering at Kansas State University effective Sept. 11. He replaced Noel Schulz who had previously held the position.

"It was my pleasure to make this announcement," said Darren Dawson, dean of the College of Engineering. "Ronaldo has shown strong leadership skills during his past service to the college as a special assistant to the dean during times of administrative transition. I look forward to his contributions in the office of engineering research and graduate programs."

In this position, he will also serve as director of the engineering experiment station, and as program administrator of the Engineering Leadership and Innovation program.

Maghirang joined the K-State faculty in the department of biological and agricultural engineering in 1994 as an assistant professor, was promoted to associate professor in 1999 and full professor in 2004.

He has a bachelor's degree in agricultural engineering and a master's degree in agrometeorology, both from the University of the Philippines, as well as a doctorate in agricultural engineering from Pennsylvania State University.

NEW DEVELOPMENT TEAM MEMBER

joined the College of Engineering in June 2016, serving as a development officer. A fifthgeneration Wildcat, he earned a bachelor's degree from K-State in journalism and

Brett Seidl



mass communications in 2014, with minors in business and leadership studies. While a student, Seidl was involved with Student Foundation, Student Alumni Board and student government.

Seidl previously served as an assistant director for Delta Sigma Phi National Fraternity where he was responsible for strengthening university partnerships, and oversaw strategy and support initiatives for new fraternity chapters nationwide.

A native of Valley Center, Kansas, Seidl now resides in Manhattan.

2015-16 COLLEGE OF ENGINEERING FACULTY AWARDS



SEATED, FROM LEFT: MARGARET RYS, IMSE, CLAIR A. MAUCH STEEL RING ADVISOR OF THE YEAR; JESSIC, HEIER STAMM, IMSE, OUTSTANDING ASSISTANT PROFESSOR AWARD; LISA WILKEN, BAE, CHARLES H. SCHOLER FACULTY AWARD, DEAN'S AWARD OF EXCELLENCE IN TEACHING AND RESEARCH PROPOSAL TEAMWORK AWARD; AND CATERINA SCOGLIO, ECE, FRANKENHOFF OUTSTANDING RESEARCH AWARD.

STANDING, FRONT ROW, FROM LEFT: KEVIN WANKLYN, MNE, COMMERCE BANK AND W.T. KEMPER FOUNDATION OUTSTANDING TEACHING AWARD; HANI MELHEM, CE, MYERS-ALFORD MEMORIAL TEACHING AWARD; BRUCE BABIN, MNE, JAMES L. HOLLIS AWARD FOR EXCELLENCE IN UNDERGRADUATE TEACHING; JOHN DEVORE, ECE, ROBERT R. AND LILA L. SNELL EXCELLENCE IN UNDERGRADUATE TEACHING AWARD; KEITH HOHN, CHE, DEAN'S AWARD OF EXCELLENCE IN RESEARCH; PLACIDUS AMAMA, CHE, OUTSTANDING ASSISTANT PROFESSOR AWARD; AND BIN LIU, CHE, OUTSTANDING ASSISTANT PROFESSOR AWARD.

STANDING, BACK ROW, FROM LEFT: BLASE LEVIN, CHSR, DEAN'S AWARD OF EXCELLENCE IN SERVICE; BOB PETERMAN, CE, FRANKENHOFF OUTSTANDING RESEARCH AWARD; DOUGLAS MCGREGOR, MNE, ENGINEERING DISTINGUISHED RESEARCHER AWARD; AND JOE HARNER, BAE, LARRY E. AND LAUREL ERICKSON PUBLIC SERVICE AWARD.

NOT PICTURED: AMY BETZ, MNE; ERIC FITZSIMMONS, CE; JEREMY ROBERTS, MNE; AND EUGENE VASSERMAN, CS, RESEARCH PROPOSAL TEAMWORK AWARD; AND SHUTING LEI, IMSE, DEAN'S AWARD OF EXCELLENCE IN RESEARCH.

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2016 DEAN'S ADVISORY COUNCIL



Sue Barsamian, EE '81, Hewlett-Packard Enterprise
Stan Clark, AGE '67, M.S. '71, AGCO — retired
Gib Compton, CNSM '80, Compton Construction
Services
Darold Davis, CE '70, Garver — retired
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Lynda Dawson, NE '83, W.L. Cassell and Associate Ray Dempsey, IE '90, BP America Roger Farrell, CE '75, Xplorer Midstream LLC Chuck Grier, CNSM '73, UCI Steve Johnson, IE '75, ONEOK Inc. Mike King, Murphy Tractor & Equipment Co.
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