



CivilMatters

Great year for steel bridge, concrete canoe teams

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The ASCE student chapter's 2000 concrete canoe, "Weird Science," and the concrete canoe team.

Y2K saw the ASCE student chapter concrete canoe and steel bridge teams compete at the national level.

At the 2000 Mid-Continental Conference in Rolla, Mo., the K-State steel bridge team, led by Brian Austin, took home the first place trophy for the first time in school history. The team placed first in stiffness, efficiency, aesthetics and the overall categories, and second in the economy and construction speed categories.

The steel bridge team's success in Rolla qualified them to compete at the national competition held at Texas A&M University.

The K-State concrete canoe team, led by Jerrid Dinnen, also achieved its highest placing in recent years with a second place finish in the 2000 regional competition held in Rolla, Mo., and qualifying for the national competition in Golden, Colo.

Department ups outreach efforts

In order to improve student recruitment and retention, the civil engineering department has established the Outreach Committee (Steve Starrett, asst. prof., P.E.; Alok Bhandari, asst. prof., P.E.; Bob Peterman, asst. prof., P.E.; Bobb Stokes, prof.) whose primary task is improving student recruitment and retention. Activities begun last fall included a freshmen-faculty mixer to promote interaction among new students and CE faculty members.

Starrett listed Fiedler Hall with its engineering library, student meeting rooms, computer labs, CE labs, offices, and classrooms as a "great asset" for committee efforts. "While we have great memories from Seaton Hall, we are looking forward to the new experiences in Fiedler," he said. Company-sponsored hallway displays of "real

world" CE projects, along with displays highlighting careers of Chi Epsilon honor members are planned to demonstrate to students what a career in CE might be like, Starrett said.

Outreach activities include publication of the department's newsletter, *Civil Matters*, and introduction of a new, one-hour class. The committee has recommended the requirement of "CE 101: Introduction to Civil Engineering" for all freshmen students, beginning in the spring of 2002. According to Starrett, the course will describe the five speciality areas of CE, bring in practicing engineers to discuss their work experiences, and start freshmen students thinking about ethical dilemmas they may face as engineers. For more information visit

<http://www.engg.ksu.edu/CEDEPT/home.html>

Editors

Steve Starrett
Alok Bhandari
Bobb Stokes
Bob Peterman

News from the department head

New undertakings for the new millennium



Lakshmi N. Reddi

It is my pleasure and honor to welcome readers to this newsletter. K-State Department of Civil Engineering is truly prepared to take up the challenges of the new millennium. Inside the pages of this newsletter, the reader will find accomplishments of all of our constituencies—faculty, staff, students, and alumni.

I assumed the department head position last July, and what a wonderful beginning it has been! We have finally completed our move to Fiedler Hall. It's truly exciting to start the new millennium in this fine building with all its modern laboratory facilities, offices, and furniture. Faculty joining us this year include assistant professors Steve Cai, P.E., and Hayder Rasheed, P.E., in Structures; and Stefan Romanoschi, in transportation/materials. This will open up new orientation and avenues of teaching and research. Indeed the keynote of our department this year appears to be "new".

Our faculty, in their continued dedication to teaching, research, and professional service, have embarked on several challenging endeavor-

ors. I congratulate the Outreach Committee led by Steve Starrett, asst. prof., P.E., for its dedication to enhance communication with all our constituencies. In fact, this newsletter has come into being only because of this committee's planning. Our Course and Curriculum Committees have embarked on curriculum reform measures to prepare our students for the challenges of the current millennium. Our newly equipped laboratories in the areas of structural mechanics and asphalt materials are only a beginning in our efforts to modernize our facilities and serve the students better. Our reorganized CISL (civil infrastructure systems laboratory), an off-campus facility for large-scale testing, has opened its doors for a number of joint research ventures by our faculty.

CE student groups have done extraordinarily well in steel bridge and concrete canoe competitions, securing first and second places, respectively, at the regional level. Our student body continues to excel in the Fundamentals of Engineering exam, scoring well above the national average and consistently in the vicinity of 90% passing rate.

Finally, I must thank the many alumni, friends of the department, advisory council members, and engineering companies/corporations whom I have come to know over the past six months and who have offered support in more ways than one. This department is very fortunate to have dedicated alumni who continue to provide financial support for our efforts. Major contributions are acknowledged later in this newsletter. At a time when our operating expense budget is being eroded with continuous cut-backs, such support is vital to maintain the quality of our services. We are most grateful for your generous contributions. As department head, I will make sure that each dollar of your gifts is put to work toward meeting the important needs of the civil engineering department at K-State.

My best wishes to you all.

Lakshmi N. Reddi



Standing (l-r), Lakshmi Reddi and Terry King, and seated (l-r), Kathleen King, Alice Fiedler, and Usha Reddi enjoy Fiedler dedication activities.

ASCE chapter news

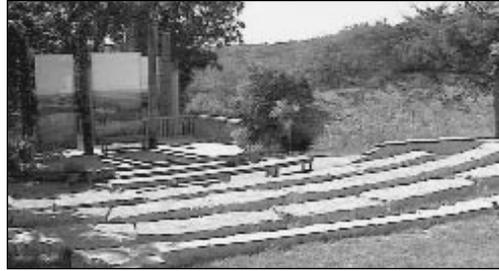
Students attend national conference

In October 2000, chapter leaders attended the National ASCE Conference and Career Fair in Seattle, Wash. During the four-day event, Ryan Robinson, Jerrid Dinnen, Matt Tollefson, Andrew McCoy, and Erik Borchardt found opportunity to network with other student chapters, employers from around the country, and national ASCE officers. The K-State team also attended workshops on improving student chapters, and technical presentations by engineers throughout the U.S. Their experiences in Seattle allowed the students to bring home valuable information for the improvement of the student chapter and the CE department's involvement in chapter activities.



Chapter representatives in Seattle, Wash., (l-r) Dinnen, Borchardt, Robinson, Tollefson, and McCoy.

Zoo gets amphitheater



The Chautauqua amphitheater at Manhattan's Sunset Zoo was built with assistance from the KSU ASCE.

In spring 2000, the ASCE student chapter took on a special project designed by Frank Gibbs. Frank designed an amphitheater, later named Chautauqua, for Manhattan's zoo. The amphitheater, made from Choice Deck—a recycled wood and plastic building material, will be used for animal presentations. CE students who participated in this project included special project chair Andrew McCoy, group two leader Eric Nichol, and builders Jessica DePriest, Pat Meyers, George Wuertz, Nick Wuertz, Jared Barnhart, Kelly Warren, Bob O'Bryan, Matt Tollefson, and Ryan Robinson. Students learned that subsurface conditions are often less than ideal and adjustments must be made in the field to accommodate design workability.

Special Projects Chair added to list of officers

Building bridges with the Manhattan community is a new focus of the student chapter of ASCE. This focus has resulted in establishing the Special Projects Chair as a new ASCE officer position beginning spring 2000. The student elected or appointed to this position is responsible for finding a service project for the semester that would have a significant impact on the community. Andrew McCoy and Bob O'Bryan served in this position for the spring and fall semesters, respectively, in 2000. McCoy worked with the city of Manhattan to develop a project at Sunset Zoo (see related story).

For the fall semester of 2000, O'Bryan developed a project with the city engineer of Manhattan. The Environmental Protection Agency's new requirements for city storm sewers require all storm sewer inlets to be clearly labeled to prevent discharge of domestic or industrial wastes into the storm water conveyance system. Three student teams from the ASCE student chapter busied themselves by painting "DO NOT DUMP DRAINS TO STREAM" on major inlets across the city. The project allowed these students to learn about the layout of the city's storm sewer network.

The 2000 Robert B. Thorn Lecture was presented by Charles D. May, Sr., Wilson & Co. (Retired)

National Recognition

A Certificate of Commendation was awarded to the K-State ASCE student chapter by the national president of ASCE for activities conducted in 2000.

Dr. Alok Bhandari was the recipient of the 2000 ASCE Student Chapter Outstanding Faculty Award.

ASCE Advisors:
Bobb Stokes
Alok Bandari
David Karnowski
Bob Thorn

Student achievements



Greg Luttrell—one of the award recipients this year.

Matthew Tollefson received the ASCE Kansas Section Outstanding Graduating Senior Award for fall 2000. Matthew was a recipient of a number of other scholarships during his undergraduate studies. He has joined APAC Construction Company as a project manager.

Larry Close was awarded a Gates Millennium Scholarship in 2000. Close, from Prairie Village, Kan., is a junior in the environmental option. He is a past recipient of the Dean of Engineering Scholarship and the Rector Family Scholarship.

Wayne Nelson, Lindsborg, Kan., was the recipient of the Kansas Public Works Association Award. Wayne, a senior, has over 20 years of experience in municipal and public works. Before coming to K-State, he was the assistant director of public works for the city of Lindsborg, Kan.

Heather Lesan, Merriam, Kan., received the 2000 Outstanding M.S. Student Award. She obtained her B.S. in CE from KSU in 1999 and began her graduate program in environmental engineering thereafter. Upon graduation, Heather will be working as a process engineer with Black & Veatch Corporation in Kansas City, Mo.

Gregory Luttrell, P.E., received the 2000 Outstanding Ph.D. Student Award. Greg obtained his B.S. and M.S. degrees from North Dakota State University and the South Dakota School of Mines and Technology, respectively. Greg is a registered professional engineer in the state of South Dakota and has several years of professional experience in traffic engineering. Before coming to K-State, Greg was an assistant city traffic engineer for the city of Fort Myers, Fla.

XE Advisor:
Steve Starrett

XE happenings

Chi Epsilon (XE) is the only civil engineering honor society in America. XE members demonstrate excellence in four areas: scholarship, character, practicality, and sociability. Upperclass CE students in the top one-third of their class academically are eligible. The main purpose of XE is to promote civil engineering as an ideal profession.

Chi Epsilon has started a new mentoring program whose primary purpose is to help underclassmen with enrollment issues. Junior and senior members are each assigned approximately five freshmen and sophomores enrolled in CE. Benefits associated with this activity include underclassmen who are better prepared for enrollment meetings with their faculty advisor, underclassmen with student mentors to help with other school-related issues, XE members with new opportunities to build people skills, and an increase in chapter visibility with CE students.

Stephen Lackey, P.E., (CE '71) has been named the chapter's 31st Honor Member. He is currently the director of public works for the city of Wichita, Kan. Lackey supervises about 425 employees and manages an annual budget of nearly \$140 million. Lackey spoke at the CE Recognition Banquet on what it takes to be successful as a CE. The following were his key points: strive to balance work, family, and personal needs; have a strong work ethic; be involved with charity organizations and professional societies; be a team player; be a lifelong learner; and be relaxed, have fun.

Alok Bhandari, asst. prof., P.E., received the 2000 XE Teaching Award. Bhandari is a "lifelong learner." He has participated in numerous teaching-related workshops, mostly dealing with active learning. His dedication to teaching is greatly appreciated by students.



Stephen Lackey—new XE chapter honor member.

Environmental and water resources



CE faculty members Starrett and Bhandari are conducting research to evaluate the environmental fate of pesticides at the new Colbert Hills Golf Course.

A living laboratory

A multi-disciplinary team led by Steve Starrett, asst. prof., P.E., has transformed K-State's Colbert Hills Golf Course into a living laboratory to evaluate the impact of urbanization on the environment. Field data on nutrient transport collected by past and present students Todd Armatys, Greg Adams, Cynthia Cogan, Chad Hall, Travis Heier, Nathan Hamm, Zannatul Zinia, and Yunsheng Su show that soil erosion during the construction phase resulted in significantly higher nutrient runoff. Starrett and Bhandari recently received a multi-year award from the U.S. Golf Association and K-State to evaluate best management practices that reduce pesticide and nutrient runoff from golf courses.

Hormone mimickers

The occurrence of nonylphenol (NP), an estrogen-like chemical, in municipal wastewater and surface waters has attracted significant national attention. Research being conducted by Alok Bhandari, asst. prof., P.E., and graduate student James Wagner has confirmed the presence of these endocrine disruptors in select northeast Kansas municipal WWTPs. NP, a degradation by-product of domestic and industrial surfactants in sewage, is known to disrupt the endocrine system at levels as low as parts-per-billion.

New EWRE courses

CE 654—Design of Groundwater Flow Systems

CE 663—Unit Operations and Processes in Environmental Engineering

CE 857—Advanced CE Design Using GIS

Kansas groundwater

Students in groundwater courses are learning about practical issues affecting Kansas' groundwater resources through field trips to Groundwater Management District #2 in Halstead, Kan. Ongoing research by David Steward, asst. prof., and graduate students Wei Jin and Raziul Mollah is being funded by KCARE, and by KIWA and RIZA in The Netherlands. Research focuses on developing understanding of three-dimensional flow associated with horizontal wells and variable soil properties, and subsurface flow beneath animal waste containment facilities.

GROW with CE

Summer 2000 saw 120 middle school girls participate in an environmental stewardship workshop titled Girls Researching Our World (GROW). The workshop, sponsored by the National Science Foundation, allowed participants to spend two days on campus learning about water, land, and living things. Alok Bhandari, asst. prof., and graduate student Heather Lesan organized trips to the Manhattan water and wastewater treatment facilities and designed hands-on mini-experiments for the participants.



Graduate student Heather Lesan illustrates wastewater treatment during the GROW workshop.

National Recognition

Alok Bhandari won the most prestigious CAREER Research Award from the National Science Foundation.

Structures update

New structures option

A new structures option is planned for the K-State civil engineering curriculum. Currently, CE students may enroll in the general option, construction option, or the environmental option. The proposed structures option will provide a formal mechanism for interested CE

students to focus on structures-related courses at the undergraduate level. The new option, which was developed by the structures faculty under the leadership of Hani Melhem, assoc. prof., was approved unanimously by the CE faculty. It will be implemented starting fall 2001.



Changing faces

Two new structures faculty members joined the CE department this past year following the retirements of Peter Cooper, Tony Hu, and Stuart Swartz.

Steve Cai, asst. prof., P.E., joined the CE faculty during the fall 2000 semester. Cai received his Ph.D. from the University of Maryland (1993) and worked as a project engineer at Michael Baker Jr., Inc. in Pittsburgh, Penn., and as a senior structural engineer for the Florida Department of Transportation before coming to K-State. His research interests include wind vibration analysis and the analysis, design, and control of complex structural systems. He moved to Manhattan with his wife, Holly, and two sons, Konan, 8, and Edward, 4.

Hayder Rasheed, asst. prof., P.E., joined the CE faculty during the spring 2001 semester. He received his Ph.D. from the University of Texas at Austin (1996) and worked as a senior structural engineer in the offshore industry in Houston and as an assistant professor at Bradley University before coming to K-State. His research interests include the behavior of fiber-reinforced composite materials and structures, and the stability and buckling of structural components. Accompanying him to Manhattan are his wife, Fatma, and his daughter Hiba, 2.



Steve C.S. Cai (top) and Hayder A. Rasheed (bottom) were recent additions to the CE faculty. Both have expertise in the structures area.

Midwest's largest self-reacting test frame completed

Significant advances in the structural engineering laboratory facilities have been made during the past year. In May 2000, Havens Steel Company, Kansas City, Mo., erected a new self-reacting test frame to allow full-scale structural research to be conducted at KSU. The new facility will enable both undergraduate and graduate students to experience full-scale structural behavior to complement the traditional structures curriculum. The frame, which is located behind the civil infrastructure systems

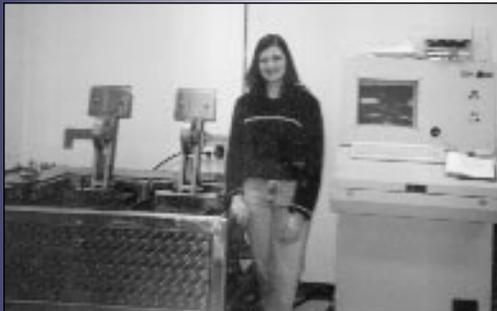
laboratory (CISL), weighs nearly 40 tons and is capable of resisting a 500,000-pound force when applied at the center of a 51-ft-long member. Havens Steel assisted in the design of the frame, supplied all of the material, fabricated, and erected the frame—thank you Havens! A roof for the frame was donated by Vulcraft Corp., Norfolk Neb., and is greatly appreciated.

New structural mechanics laboratory operational

The opening of Fiedler Hall has meant new possibilities for the structures area. The structural mechanics laboratory, located on the first level, is equipped with a 288-square-foot strong floor with a new 250-kip-capacity load frame that was recently fabricated and donated by PKM Steel Service, Inc., Salina, KS. The frame will be used in both teaching and research by faculty members in the structures area. In December, Bob Peterman, asst. prof., P.E., used

the frame in his Reinforced Concrete Class (CE844) to demonstrate the different behaviors exhibited by under-reinforced and over-reinforced flexural members. Peterman also plans to use the frame to conduct research with Steve Cai on fiber-reinforced polymer (FRP) bridge decks, and in his recently funded NSF EPSCoR First Award involving prestressed concrete bridge members. Thanks again PKM Steel Services, Inc.

Transportation and materials



Pat Myers in Advanced Asphalt Laboratory.

A number of exciting developments have taken place in the materials area. The Kansas Asphalt Pavement Association (KAPA) has raised more than \$150,000 to support an advanced asphalt testing laboratory in Fiedler Hall. This new laboratory has been equipped with a Hamburg rut tester, kneading compactor, dynamic shear rheometer, and bending beam rheometer. Mustaque Hossain, assoc. prof., P.E., is leading this development. The laboratory is also being used in a new asphalt materials and construction class being taught by Stefan Romanoschi, asst. prof. The Superpave Training Program for KDOT is now in its fifth year. The transportation materials area has seven graduate and three undergraduate students working on various research projects.



Stefan Romanoschi

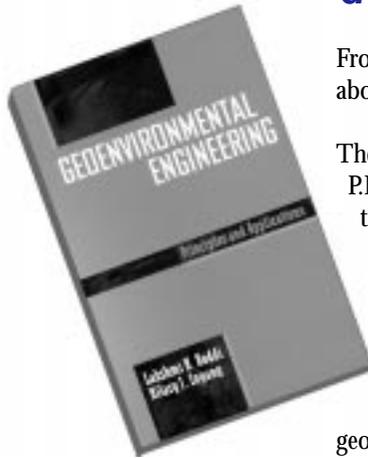
Russell honored by TRB

Gene Russell, prof., P.E., was honored by the Transportation Research Board (TRB) by being named a "Committee Member Emeritus," effective February 2000. To be eligible for this award a member must have a minimum of 18 years of meritorious service to TRB. This designation is presented only after a rigorous review of the candidate's activities, e.g., active committee membership and service to one or more committees, paper presentations, and organizing and/or chairing sessions and workshops, etc. Committee members become Life Members of the nominating committee. TRB has about 5000 committee members on over 200 committees and task forces. To date, only around 50 members have been designated as "Emeritus" members.

Stokes completes terms as president of Kansas ASCE and KAUTC

During 1999–2000, Bobb Stokes, prof., served as president of the Kansas Section of ASCE and president of the Kansas Association for Uniform Traffic Control (KAUTC). Stokes continues to be active in ASCE by serving as the faculty advisor for the K-State Student Chapter of ASCE, and the Zone III representative on the National ASCE Committee on Student Affairs.

Geotechnical update



Geoenvironmental Engineering text co-authored by Professor Reddi.

From the land down under to the frontiers up above—K-State geotech covers it all.

The fall of 2000 saw Jacob Najjar, assoc. prof., P.E., and Lakshmi Reddi, head, P.E., pack their travel bags and head to Australia to attend the GeoEngineering 2000 International Conference and Workshop in Melbourne. Najjar was one of ten U.S. participants selected for a visit to eight Australian research entities. The main objective of the workshop was to identify collaborative geo-engineering research opportunities among worldwide geotechnical communities.

On the home front, in addition to helping Kansas water quality initiatives by conducting research on animal waste containment, Reddi pondered on issues of interest to the National Aeronautics and Space Administration (NASA). His research during the early 90s, on how oils and water mix in soils, has attracted the attention of NASA and its allied contractors. Reddi plans to build on this previous research to help NASA design flight experiments to grow plants in outer space.

Distance graduate courses offered

Fall 2001 CE courses:

CE 654 Design of Groundwater Flow Systems
 CE 732 Advanced Structural Analysis I
 CE 751 Hydraulics of Open Channels
 CE 752 Advanced Hydrology
 CE 766 Wastewtr Engg. Biological Process
 CE 774 Pavement Design
 CE 775 Traffic Engineering I
 CE 816 Topics/Highway Design for Safety

Other K-State CE courses:

CE 680 Economics of Design & Construction
 CE 686 Regional Planning Engineering
 CE 723 Designing with Geosynthetics
 CE 725 Seepage in Permeable Materials
 CE 728 Advanced Geotechnical Design
 CE 742 Advanced Steel Design
 CE 743 Advanced Reinforced Concrete Theory

CE 751 Hydraulics of Open Channels
 CE 752 Advanced Hydrology
 CE 762 Water Treatment Processes
 CE 771 Urban Transportation Analysis
 CE 774 Pavement Design
 CE 775 Traffic Engineering I
 CE 790 Prob: Water Resources Planning
 CE 790 Prob: Wetlands Hydrology Management
 CE 790 Fundamentals of Traffic Calming
 CE 801 Computational Methods in Civil Engg.
 CE 802 Advanced Mechanics of Materials
 CE 807 Applied Geostatistics
 CE 816 Accident Reconstruction/Traffic Engg.
 CE 816 Ped & Bicycle Safety & Fac. Design
 CE 816 Topics/GIS Apps In Civil Engg.
 CE 816 Topics/Fund of Traffic Mangt
 CE 816 Roundabout Analysis and Design
 CE 816 Parking Facilities Planning & Design
 CE 816 Selected Topics: Asphalt Technology
 CE 816 Selected Topics: Pipe Flow Systems
 CE 816 Selected Topics: Contaminant Transport
 CE 816 Topics in Traffic Engineering
 CE 822 Shear Strength & Slope Stability of Soil
 CE 825 Environmental Geotechnology
 CE 828 Advanced Soil Mechanics
 CE 833 Advanced Structural Analysis II
 CE 844 Prestressed Concrete Design
 CE 854 Analysis of Groundwater Flow
 CE 861 Environmental Engineering Chemistry
 CE 875 Traffic Engg II
 CE 980 Adv Top Transp: Adv Pavemnt Mat.



Office staff: Angie Fairbanks, Peggy Selvidge, Danita Deters.

Undergraduate program assessment

The CE Undergraduate Program Assessment and Curriculum Committee's mission is to address the following major issues:

- perform continuous assessment of the CE program and establish metrics consistent with the ABET Criteria 2000; and
- capitalize on the flexibility offered by ABET 2000, and feedback received from students, alumni, faculty, employers, and the industry to create a more responsive CE curriculum that truly addresses the challenges of the 21st century. The committee is currently involved in fine-tuning the present CE curriculum.

Expected near-future outcomes include the following:

- addition of CE 101: Introduction to Civil Engineering;
- addition of a structures option; and
- revisiting and updating the material covered in selected CE courses. Committee work is led by Najjar (chair) with the support of others including Bhandari, Hossain, Peterman, Steward, and Russell.

Retirements



Robert R. Snell retired in May 1999 after more than 40 years of service to KSU. He received his B.S. from KSU in 1954, M.S. in 1960, then went to Purdue University where he received his Ph.D. in 1963. He was head of the CE department from 1972–92. He served as KSU's

Faculty Athletics Representative to the Big Eight and Big Twelve Conferences and to the National Collegiate Athletics Assoc. from 1975–99. Now Bob is traveling to K-State football games and to DisneyWorld with grandkids.



Peter B. Cooper retired in December 1999, serving KSU for over 33 years. He earned his B.S., M.S., and Ph.D. (1957, 1960, and 1965, respectively) from Lehigh Univ. He joined the KSU CE department in 1966. Since

retirement he has remodeled three rooms in his home, sings in a barber shop quartet, is the official scorer for men's basketball games, and traveled back East several times to see his daughters.



Kuo-Kuang (Tony) Hu retired in May 2000 after 35 years of service to KSU. He received a diploma from Taipei Inst. of Technology in 1956, then came to KSU to pursue his Master's and Ph.D. degrees in applied

mechanics, receiving those in 1966 and 1969, respectively. Structural research was and continues to be a big part of Tony's life, with his latest emphasis being earthquake studies.



Stuart E. Swartz retired in August 2000 after serving KSU and the engineering profession for 32 years. He received all of his degrees from the Illinois Inst. of Technology—B.S., 1959, M.S., 1962, and Ph.D., 1968. It was in

1968 when he joined the CE department at KSU as an asst. professor. He was head of the department from 1992-1999. Stu is now devoting more time to his Lionel trains.

Graduate program

The Graduate Studies Committee (Melhem, chair, Steward, Bhandari, Stokes, and Najjar) has established two new awards to be given each year to the best graduate M.S. and Ph.D. students of the department of civil engineering. The awards consist of a certificate and a monetary prize, and will be announced during the annual CE Banquet and Awards Ceremony each

year in December. Applications from M.S. and Ph.D. students are received in the fall semester and screened separately for each award level. The evaluation takes into account (1) the applicant's cumulative GPA at K-State; (2) his/her resume, which is evaluated by the members of the committee; and (3) graduate seminar presentation and attendance.

Alumni news

Cindy Wallis-Lage, P.E., (CE '85) is a senior wastewater process specialist at Black & Veatch Corporation's Advanced Environmental Technologies Division in Kansas City, Mo. She obtained her M.S. in environmental engineering from the University of Kansas. In the past 10 years Cindy has worked extensively on biological nutrient removal projects and water re-use facilities for groundwater recharge and irrigation purposes.



Cindy Wallis-Lage BSCE '85

Judy Hill (CE '97) recently completed her M.S. in civil engineering at Carnegie Mellon University. She plans to pursue her Ph.D. in structural engineering. Judy was awarded prestigious fellowships from the National Science Foundation and the Department of Energy to pursue her graduate studies. She would be glad to hear from her K-State classmates. Drop her a line at jhill@cyrus.andrew.cmu.edu.

Jeremy Lin (BSCE '95, MSCE '97) recently moved to Chicago to become a vice president at LinTech Engineering. He has married and still enjoys golf.

Alumni awards

Kevin Honomichl (CE '86) recently received the Professional Progress Award from the K-State College of Engineering. Kevin is vice president and treasurer of Brungardt Honomichl & Co., a consulting engineering firm in Overland Park, Kan., which he co-founded in 1992. His selection for the award was based on professional accomplishments, service to society and/or profession of engineering, support of K-State College of Engineering and other distinguished activities, and promise of continued success.

Robert B. Thorn (CE '50) and **Robert R. Snell** (CE '54) were inducted into the KSU Engineering Hall of Fame. Thorn is a Fellow and Life Member of the ASCE, with a distinguished record of service to the civil engineering profession. Snell served as the CE Department Head at K-State from 1972 to 1992 and received numerous teaching awards. Election to the Engineering Hall of Fame is based on professional success and accomplishment, active involvement with and support of the KSU College of Engineering, dedication and involvement with Kansas State University, and professional and public service.



Dean King and Dr. Reddi congratulate Kevin Honomichl on his Professional Progress Award.

NOTE: Please send us the feedback sheet on page 11 so we can include more alumni news in our next newsletter.

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