Faculty and staff of the College of Engineering received hands-on diversity training from nationally renowned facilitator JoAnn Moody during three days of diversity training workshops March 2–4.

Moody, a consultant to majority colleges and universities on recruitment, mentorship, and retention of under-represented minority and women students and faculty, was actually making a return visit to the college, as she had spent several days last spring consulting with engineering faculty and staff leaders and student leaders, as well as university officials.

“This spring, we entered the ‘next level’ of diversity training,” said Richard Gallagher, associate dean for academics and administration for the college. “We focused more on each department, reaching as many faculty and staff members as possible with Dr. Moody’s expertise.”

Founding director of the Northeast Consortium for Faculty Diversity, Moody’s clientele include the universities of Wisconsin-Madison, Vermont, Massachusetts, and Southern California; Rensselaer Polytechnic Institute, Rutgers University, and Mount Holyoke, and Smith colleges; and the Nellie Mae Education Foundation and U.S. Health and Human Services.

“I believe the majority male faculty are best situated to reduce stereotype threat for women and non-immigrant minority,” Moody said. “Concomitantly, these faculty are best situated to increase the number of women and non-immigrant minority who aspire to succeed in the fields of science, technology, engineering, and mathematics. Through my consulting and ‘coaching,’ I try to help majority male power-holders understand why and how they can do these two tasks.”

Moody holds a J.D. from Northeastern University Law School, a Ph.D. in English Literature from the University of Minnesota, and a B.A. in English from the College of William and Mary. In March 2005 she will publish the monograph, “Widows Above Cognitive Error Guidelines for Search, Senate Review, and Other Evaluation Committees.” Her book-in-progress, “Student Diversity: Problems and Solutions,” is now under consideration for publication.

—by Mary Rankin
Finding life on Mars

This new micro transceiver will be at least 100 times smaller, lighter, and therefore more efficient than current transceivers. It will enable the design of new types of Mars exploration craft ranging from low-cost, networked ground sensors and rovers to airplanes or balloons.

“Mars is an incredibly diverse planet, and many areas have not yet been looked at,” Kuhn said. “If you want to do a good search, you have to have a large amount of money or make the craft smaller so you can send multiple vehicles in one launch. It will significantly reduce costs, allowing for more exploration.”

With a new line of small “Scout” missions by NASA increasing thoroughness and number of sites visited, space explorers may be able to discover many new and exciting things.

“It’s exploration, the most fundamental exploration,” Kuhn said. “The search right now is for past and present water, and the only way to search is by vehicle. It’s too expensive to send people.

“They’ve already found multiple lines of evidence pointing to ancient lakes and seas,” Kuhn said. “The significance of this is that water is required for life, so where there used to be water, there also could have been life.”

Kuhn said extensive exploration must be done to pinpoint the best locations with evidence of water. Where there’s water, there could be life, and K-State’s electrical and computer engineering department is working to help NASA find the water—and ultimately life—on Mars.

Bill Kuhn, associate professor of electrical and computer engineering, received a grant to develop a micro transceiver to use on future Mars rovers and scouts. Over the next three years, K-State will receive around $370,000 of the almost $900,000 grant, which is split between K-State, NASA’s Jet Propulsion Laboratory at the California Institute of Technology, and Peregrine Semiconductor.

Current transceivers, which communicate collected scientific results to earth, measure approximately 3 inches tall, 7 inches wide, and 5 inches long; weigh 4.5 pounds; and consume up to 70 watts of power. “The ones right now are pretty big units,” Kuhn said. “This project will make a radio transceiver that is much smaller.”

Kuhn and his colleagues will develop a “bite-size” transceiver, measuring less than 0.1 inches tall, 0.6 inches wide, and 0.6 inches long; weighing less than 0.2 ounces; and operating at fractions of a watt.
Phasing out duties but not commitment

The amount of the scholarship is a key factor for Lenhert. "Free passport scholarships provide an adequate amount for a student to attend college and afford books and tuition, and board without having to work less than 30 hours a week," he said. "But after that level, too, it's unlikely that the scholarship will cover all the expenses of the student."

While able to use some of his money for work in the industry over the years, Lenhert called his 1966 decision to try teaching a "good choice." "I felt I'd given them an up-close view of the many changes in electrical engineering education over the decades. "Things I'm teaching now didn't exist when I entered," he said. "Today students have calculation instead of calculations. And they believe whatever the calculator spits out rather than estimating the order of magnitude of the squares."

Computer use and computer design and simulation are also huge changes.

"Students today read less," Lenhert said. "It's really difficult for them to read enough for an assignment. But of course they are a lot more proficient on computers."

Offering not another example of change, Lenhert put forth a "saltier/technology cost comparison."

With his new phased-retirement duties, Lenhert said he will "most likely not having to much interaction with the students," but he wouldn't mind all "having less grad."

He hopes to engage in more of his outside interests of travel, wood-working, and expanded topics on his wife's horse farm operation—pursuits well earned by this long-time K-Stater.

― by Mary Rankin

Seaton Society

The Deans’ message

Seaton Society

Seaton Society members are those who contribute $500 or more annually to any area in the College of Engineering. The college recognizes the following 2004 members:

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.

The Deans’ message

Seaton Society members include: Chuck and Linda Burton, Bill and Phyllis Binford, Ray and Barbara Adee, Phillip and Victoria Baehr, Ed and Eunice Wambsganss, Charles and Karen Stryker, Dean and Lavon Morton, Mark Larson and Donna Kottwitz, Darrell and Nancy Hosler, Joe and Sherry Downey, Ruth L Coonrod, Dennis and Madelyn Yeo, David and Nancy Kays, Iris Karl, William H Dunn III, Richard and Mary Corbin, Brent and Lorie Doolittle Bowman, Walter Bellairs.
Science and technology drive today’s global economy. But these innovations come from these fields. Put another way, the future of the world in this area rests on the shoulders of engineers.

As the world becomes more connected, the role of engineers becomes more critical. Engineers design and build the infrastructure that enables us to communicate and collaborate. They create solutions to complex problems, from renewable energy to medical devices.

The Seaton Society recognizes the importance of engineering education and supports students in this field. We believe that by investing in engineering education, we are investing in the future of our society.

This year, we are proud to announce the inaugural winners of the National Science Foundation’s Memorial Scholarship. The award is given to students who demonstrate academic excellence and exhibit leadership in the field of engineering.

We would like to congratulate the following students on their achievements:

- Joe Shepek
- William Bucher
- Albert Edwin Henry Jr.
- Terry and Tara Cupps
- Donald Moyer
- Calvin and Joy Gooden
- Van and Sharon Pooler
- John Owen
- Robert E. Olmstead
- Paul and Sherry Novick
- Albert Edwin Henry Jr.

The amount of the scholarship is a key factor for Lenhart.

"Fifteen percent of our students receive this scholarship," he said. "It is a significant support for their education and helps them pursue their goals.

"The scholarship also provides an opportunity for our students to network with other engineering students and professionals. It is a great way to learn more about the engineering field and connect with potential employers."
Introducing the automated tour guide... 

Planning for their Open House debut, Scott Rock, left, CMPEN, and Lane Roney, IE, display the Kansas State University GPS Tour Guide, their senior honors research project under the direction of Shing Chang, assoc. professor of industrial and manufacturing systems engineering. The automated tour guide utilizes a Garmin iQue 3600 PDA with an integrated GPS receiver. Users carry it along a predeter-
mind tour route, stopping at specified locations where prerecorded audio files detail buildings and areas of campus the user is near. Targeting prospective K-State students and their families, the team has developed both walking and driving tour versions. Rock handled all technical aspects of programming the application and interfacing the Garmin PDA. Roney designed and created the tour routes, audio recordings, and GPS coordinates. The system has the potential to be adapted and marketed worldwide to other tourist destinations, university campuses, national parks, and theme parks.

Open House Awards

- Outstanding department—CNSM
- Yellow brick—ARE
- Freshman/Sophomore display—CNSM
- Technical display—ARE
- Limited class display—CNSM
- Open class display—ChE

Engineering Banquet Awards

- Advisor of the year—Prof. Larry Glasgow, ChE
- W. Leroy Culbertson Steel Ring Leadership Scholarship—Peter Clark, CE

Bridge team to nationals

Members of the K-State Steel Bridge Team display their handiwork at Open House. The group placed second at the Mid-Continent Regional Conference of the American Society of Civil Engineers, held in Edwardsville, Ill., March 31–April 2, qualifying them for national competition at Orlando, Fla., in late May. Each bridge is judged on weight, construction time, and deflection—how much the bridge moves when supporting weight. Hani Melhem, professor of civil engineering, is faculty advisor for the team.

Taking flight

Another popular Open House display was LoadStar, a radio-con-
trolled airplane designed and built by a six-member team of ME students: back row from left, Bryan Mai, Nelson Pratt (team leader), and Paul Scott; rowing, Brandon Heppner and Robert Carpenter; back row, Dave Glaupner. The team later placed third in an international field of more than 30 engineering, avia-
tion, and technology schools at the SAE Aero Design West compe-
tition, April 22–24, in Fort Worth, Texas.
The 2005 Engineering Telefund kicked off on Sunday, Jan. 23, running through Thursday, Jan. 27. Two hundred and thirty-five student volunteers secured pledges of $172,765 for the College of Engineering that will go towards funding scholarships and student projects. The annual day-by-day tally per caller was $1100. Runny on the phones, above, Stephanie Wevley, BAL, and Ryan Fick, ARE.

Dialing for dollars

The 2005 Engineering Telefund kicked off on Sunday, Jan. 23, running through Thursday, Jan. 27. Two hundred and thirty-five student volunteers secured pledges of $172,765 for the College of Engineering that will go towards funding scholarships and student projects. The annual day-by-day tally per caller was $1100. Runny on the phones, above, Stephanie Wevley, BAL, and Ryan Fick, ARE.

Findings on Life in Mars

Before more elaborate missions such as subsurface drilling for past or present life are done.

Paul Sauber (ME) and his wife, both announce the birth of their second child, Alysa Ruth, Oct. 6, 2004. Paul is the integration and out manager for commercial spacecraft operations at Ball Aerospace & Technology Corp., Boulder, Col.

Thomas Madison (ME, W75), a lead production support engineer at Comsat Aircraft Company, and Kwa Yue Madison announce the birth of their son, Samuel Adam Ti Loos, Oct. 7, 2004. He joins his sister, Catherine.


Deaths

Elnor H. Klempge (MCE, Hastings), Nels, died Dec. 20, 2004, at the age of 94. He worked for John Deere and was an active member of the South Dakota Chapter of the American Society of Agricultural Engineers. He is survived by his wife, Margarete, and two children, Sarah and Marvin.

Marcia R. Schuley, was presented with the College of Engineering Distinguished SERVICE Award on March 14. Schuley will retire in June as associate director of Kansas State University Career and Employement Services, when she served as the Center of the College of Engineering and Architecture, Planning, and Design.

For many years, Dr. Schuley has given generously of her time and expertise in working with students in the College of Engineering," said Richard Gallasch, associate dean. "She has cultivated excellent industry relationships, coordinated successful career fairs, assisted students in polishing and developing their resumes, and in general helped our students and graduates obtain professional employment. "This award is one way we have of expressing our appreciation for all her efforts." Since 1990, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Student Engineering Association which was formed in 1995 and actively serves to develop the largest and finest career fair events among Big XII schools. Schuley initiated the career Web site, one of the first of its kind in the area, and has served on several key committees.

"I am surprised and honored by this award," Schuley said, "and I certainly owe a big thank you to the College of Engineering for all their support. I'll always remember the great job of the Center’s staff and faculty for their professionalism and dedication."

Kwame Schuley Schuley, an expert on the theme of the College of Engineering, was selected as the College of Engineering Alumni Class of 1956, was in music. He is the first of five in his family to attend K-State. He earned a Bachelor of Science in Music from Delta State University, presented "Ethnic Music in the American Southwest and Art: A Tour Through the Traditional and Modern," July 14, 2004.

Kwame Schuley Schuley, an expert on the theme of the College of Engineering, was selected as the College of Engineering Alumni Class of 1956, was in music. He is the first of five in his family to attend K-State. He earned a Bachelor of Science in Music from Delta State University, presented "Ethnic Music in the American Southwest and Art: A Tour Through the Traditional and Modern," July 14, 2004.

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He now works as a senior technical consultant and high-performance computer graphics for scientific simulation.

"This award is one way we have of expressing our appreciation for all her efforts." Since 1990, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Student Engineering Association which was formed in 1995 and actively serves to develop the largest and finest career fair events among Big XII schools. Schuley initiated the career Web site, one of the first of its kind in the area, and has served on several key committees.

"I am surprised and honored by this award," Schuley said, "and I certainly owe a big thank you to the College of Engineering for all their support. I'll always remember the great job of the Center’s staff and faculty for their professionalism and dedication."

Kwame Schuley Schuley, an expert on the theme of the College of Engineering, was selected as the College of Engineering Alumni Class of 1956, was in music. He is the first of five in his family to attend K-State. He earned a Bachelor of Science in Music from Delta State University, presented "Ethnic Music in the American Southwest and Art: A Tour Through the Traditional and Modern," July 14, 2004.

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He now works as a senior technical consultant and high-performance computer graphics for scientific simulation.

"This award is one way we have of expressing our appreciation for all her efforts." Since 1990, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Student Engineering Association which was formed in 1995 and actively serves to develop the largest and finest career fair events among Big XII schools. Schuley initiated the career Web site, one of the first of its kind in the area, and has served on several key committees.

"I am surprised and honored by this award," Schuley said, "and I certainly owe a big thank you to the College of Engineering for all their support. I'll always remember the great job of the Center’s staff and faculty for their professionalism and dedication."

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He now works as a senior technical consultant and high-performance computer graphics for scientific simulation.

"This award is one way we have of expressing our appreciation for all her efforts." Since 1990, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Student Engineering Association which was formed in 1995 and actively serves to develop the largest and finest career fair events among Big XII schools. Schuley initiated the career Web site, one of the first of its kind in the area, and has served on several key committees.

"I am surprised and honored by this award," Schuley said, "and I certainly owe a big thank you to the College of Engineering for all their support. I'll always remember the great job of the Center’s staff and faculty for their professionalism and dedication."

Kwame Schuley Schuley, an expert on the theme of the College of Engineering, was selected as the College of Engineering Alumni Class of 1956, was in music. He is the first of five in his family to attend K-State. He earned a Bachelor of Science in Music from Delta State University, presented "Ethnic Music in the American Southwest and Art: A Tour Through the Traditional and Modern," July 14, 2004.

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He now works as a senior technical consultant and high-performance computer graphics for scientific simulation.

"This award is one way we have of expressing our appreciation for all her efforts." Since 1990, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Student Engineering Association which was formed in 1995 and actively serves to develop the largest and finest career fair events among Big XII schools. Schuley initiated the career Web site, one of the first of its kind in the area, and has served on several key committees.

"I am surprised and honored by this award," Schuley said, "and I certainly owe a big thank you to the College of Engineering for all their support. I'll always remember the great job of the Center’s staff and faculty for their professionalism and dedication."

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He now works as a senior technical consultant and high-performance computer graphics for scientific simulation.

"This award is one way we have of expressing our appreciation for all her efforts." Since 1990, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Student Engineering Association which was formed in 1995 and actively serves to develop the largest and finest career fair events among Big XII schools. Schuley initiated the career Web site, one of the first of its kind in the area, and has served on several key committees.

"I am surprised and honored by this award," Schuley said, "and I certainly owe a big thank you to the College of Engineering for all their support. I'll always remember the great job of the Center’s staff and faculty for their professionalism and dedication."

Kwame Schuley Schuley, an expert on the theme of the College of Engineering, was selected as the College of Engineering Alumni Class of 1956, was in music. He is the first of five in his family to attend K-State. He earned a Bachelor of Science in Music from Delta State University, presented "Ethnic Music in the American Southwest and Art: A Tour Through the Traditional and Modern," July 14, 2004.

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He now works as a senior technical consultant and high-performance computer graphics for scientific simulation.

"This award is one way we have of expressing our appreciation for all her efforts." Since 1990, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Student Engineering Association which was formed in 1995 and actively serves to develop the largest and finest career fair events among Big XII schools. Schuley initiated the career Web site, one of the first of its kind in the area, and has served on several key committees.

"I am surprised and honored by this award," Schuley said, "and I certainly owe a big thank you to the College of Engineering for all their support. I'll always remember the great job of the Center’s staff and faculty for their professionalism and dedication."

Kwame Schuley Schuley, an expert on the theme of the College of Engineering, was selected as the College of Engineering Alumni Class of 1956, was in music. He is the first of five in his family to attend K-State. He earned a Bachelor of Science in Music from Delta State University, presented "Ethnic Music in the American Southwest and Art: A Tour Through the Traditional and Modern," July 14, 2004.

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He now works as a senior technical consultant and high-performance computer graphics for scientific simulation.
Richard B. Myers served as commencement speaker for the College of Engineering at commencements May 14. As chairman of the Joint Chiefs of Staff, he is the nation’s highest-ranking military official and principal military adviser to the President, Secretary of Defense, and National Security Council.

“Walter Robinson certainly represents someone of a high caliber and interest in the information technology age,” said Terry King, dean of the College of Engineering. “Add to that his entrepreneurial success, and we could hardly have chosen a stronger candidate to certainly meet that criteria.”

Hayter said.

Dialing for dollars

The 2005 Engineering Telefund kicked off on Sunday, Jan. 23, running through Thursday, Jan. 27. Two hundred and thirty-five student volunteers secured pledges of $272,765 for the College of Engineering that will go towards funding scholarships and student projects. The average pledge per caller was $1100. Buy on the phones, above, Stephanie Vielevy, BAE, and Ryan Fick, AICP.

Walter Robinson

Robinson named Alumni Fellow

Robinson has spent more than 50 years in the information technology industry. He has gained extensive experience in general management, marketing, sales, and systems analysis in industrial and financial services industries. In 2005, he and his wife, Thelma Fuqua established their own management consulting firm, Fuqua Robinson, LLC, together they have participated in numerous consulting engagements for governmental agencies, financial institutions and small technology businesses.

“Walter Robinson certainly represents someone of a high caliber and interest in the information technology age,” said Terry King, dean of the College of Engineering. “Add to that his entrepreneurial success, and we could hardly have chosen a stronger candidate to certainly meet that criteria.”

Marita R. Schuley was presented with the College of Engineering Distinguished Service Award during the college’s spring 2005 commencement ceremony on May 14. Schuley will retire in June as associate dean of Kansas State University College of Engineering and Engineering Leadership & Management, where she has served as associate dean of the College of Engineering and Architectural Planning and Design.

“For many decades, Dr. Schuley has given generously of her time and expertise in working with students in the College of Engineering,” said Richard Gallagher, associate dean. “She has cultivated many industry relationships, coordinated successful career fairs, assisted students in job-seeking and developing their professional skills, and general helped our students and graduates obtain professional employment.

“This award is one way we have of expressing our appreciation for all her efforts.”

Since 1999, Schuley played a key role in advising and job placements for students and alumni, while interacting with faculty and employers for job development and enhanced university relations. She was instrumental in developing the Advanced Manufacturing Industry Park, as well as the college’s largest and finest career fair events among Big 12 for medicine.

Schuley initiated the center’s Web site, one of the first of its kind in the Midwest.

“I am surprised and honored by this award,” Schuley said, “and I certainly owe a big thank you to the College of Engineering for all their support. I’ll always remember things like former Dean Kathleen Robinson’s tenure in the early 1990s, that boosted our honors. Once the year, whatever I suggested might be of help in securing jobs or helping alumni students—the college and department were right there to help me.”

“Thrift in all your work, for you’ll need your good judgment at hand. I’ll like to remind graduates from 1990 to the present that you will never outsmart others, and I would welcome any notes regarding their career path.”

Richard Gallagher, associate dean.

Company/Leader of the Year

Marina R. Schuley was named 2005 Company or Leader of the Year by the Kansas State College of Engineering. The award is presented annually to a company or an individual who has contributed to the development and growth of the engineering profession.

Schuley is a senior staff officer, consultant, and government relations manager with the National Oceanic and Atmospheric Administration.

“Walter Robinson”

Walter Robinson, engineering alumnus of Kansas State, was named Alumni Fellow in 1990. He is currently president of the Small Business Administration.

Apprentice environment

“Walter Robinson certainly represents someone of a high caliber and interest in the information technology age,” said Terry King, dean of the College of Engineering. “Add to that his entrepreneurial success, and we could hardly have chosen a stronger candidate to certainly meet that criteria.”

Hayter said.

Cliff Pemble

Jolls holds degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He holds three U.S. patents for his inventions and is a registered engineer in chemical engineering.

The EyeSys Engineering Laboratory, established in 2000, is funded by an endowment of the late Elio and Mona Jolls.

Robert L. Barnes (EE) graduated from Stanford University in 1956, where he was engaged in defense-related work, principally with the Navy, and jointly with the Missile Division Agency in Colorado Springs in later years. He was named to the College of Engineering’s Hall of Fame in 1997. He is survived by his wife, Iona, sons, Scott, and Ken, and grandchildren.

Donald A. Kacher (CE) died July 3, 2004, in Lake Fork. He had a 39-year career with Black & Veatch Consulting Co. is survived by his wife, Patricia, and children.

Dillman to retire

Norwin “Norm” Dillman, professor of electrical and computer engineering, has retired after 15 years with the College of Engineering. He was associated with the Advanced Manufacturing Institute and the Manufacturing Learning Center during much of his time at K-State.

Dillman had been a faculty adviser to the K-State Solar Car Team since its inception in 1995. He and his wife, Phyllis, participated in each of the team’s cross-country races. He was also faculty adviser to the K-State Hispanic Professional Engineers and the K-State Amaranth Radio Club.

Dillman earned three electrical engineering degrees from Iowa State University—B.S. 1960, M.S. 1962, and Ph.D. 1965. He spent 10 years on the Kansas State engineering faculty at the University of Minnesota at Rolls, and from 1975 to 1979 was a design engineer and engineering manager at Howard Powers. He holds patents for his inventions and is a registered professional engineer in Colorado. A Senior Life Member of the Institute of Electrical and Electronics Engineers, Dillman served as an accreditation visitator for ASEE for 15 years.

Martha Jolls

Walter Robinson

Walter F. Robinson has been named the 2005 Company or Leader of the Year by the Kansas State College of Engineering in recognition of his distinguished career. Robinson is a member of the Kansas State Alumni Fellows in recognition of his distinguished career. Robinson is a member of the Kansas State Alumni Fellows in recognition of his distinguished career. Robinson is a member of the Kansas State Alumni Fellows in recognition of his distinguished career. Robinson is a member of the Kansas State Alumni Fellows in recognition of his distinguished career.

Paul Snider (ME) and his wife, both announce the birth of their second child, New York, Oct. 6, 2005. Snider is the integration and out manager for commercial spacecraft operations at Ball Aerospace & Technologies Corp., Boulder, Colo.

Thomas Madonna (ME) and his wife, Robin, announce the birth of their son, Samuel Adam Tigo Loom, Oct. 7, 2004. He joins his sister, Catherine.


Eleanor H. Klei (MNGT), R.I.A., Hastings, Neb., died Dec. 20, 2004, at the age of 94. He worked for John Deere and was one of the founding members of the college and university, which is survived by his wife, Margarete, and children.

Deaths

An expert on an expert was the theme of the College of Engineering’s 2005 Engineering Lecture Series held April 14 in the Barker Hall Auditorium.

Kenneth R. Jolls, chemical engineering professor at Kansas State University, presented “Engineering—Science, Art & A Tour Through the Thermodynamics of Coke Gifts,”

Jolls will participate in the “First Day of Insanity Convention” at Yale University later this year, a nod to the 1963 satirical masterpiece with the “Scintillating” stamp period. He will be the featured speaker on Goss, and will share the platform with the U.S. Director of Science and Technology, physicist and President Bush appointee, John H. Marburger III.

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He holds three U.S. patents for his inventions and is a registered engineer in chemical engineering.

The EyeSys Engineering Laboratory, established in 2000, is funded by an endowment of the late Elio and Mona Jolls.

Jeffry held degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He holds three U.S. patents for his inventions and is a registered engineer in chemical engineering.

The EyeSys Engineering Laboratory, established in 2000, is funded by an endowment of the late Elio and Mona Jolls.

Although Jolls will participate in the “First Day of Insanity Convention” at Yale University later this year, a nod to the 1963 satirical masterpiece with the “Scintillating” stamp period. He will be the featured speaker on Goss, and will share the platform with the U.S. Director of Science and Technology, physicist and President Bush appointee, John H. Marburger III.

Jolls holds three degrees in chemical engineering—B.S., North Carolina State University, and M.S. and Ph.D., University of Illinois. He holds three U.S. patents for his inventions and is a registered engineer in chemical engineering.

The EyeSys Engineering Laboratory, established in 2000, is funded by an endowment of the late Elio and Mona Jolls.

Richard B. Myers served as commencement speaker for the College of Engineering at commencement May 14. As chairman of the Joint Chiefs of Staff, he is the nation’s highest-ranking military official and principal military adviser to the President, Secretary of Defense, and National Security Council.

“Walter Robinson certainly represents someone of a high caliber and interest in the information technology age,” said Terry King, dean of the College of Engineering. “Add to that his entrepreneurial success, and we could hardly have chosen a stronger candidate to certainly meet that criteria.”

Hayter said.
Faculty and staff of the College of Engineering received hands-on diversity training from nationally renowned facilitator JoAnn Moody during three days of diversity training workshops March 2–4.

Moody, a consultant to majority colleges and universities on recruitment, mentorship, and retention of under-represented minority and women students and faculty, was actually making a return visit to the college, as she had spent several days last spring consulting with engineering faculty and staff leaders and student leaders, as well as university officials.

“This spring, we entered the ‘next level’ of diversity training,” said Richard Gallagher, associate dean for academics and administration for the college. “We focused more on each department, reaching as many faculty and staff members as possible with Dr. Moody’s expertise.”

Founding director of the Northeast Consortium for Faculty Diversity, Moody’s clientèle includes the universities of Wisconsin-Madison, Vermont, Massachusetts, and Southern California; Rensselaer Polytechnic Institute, Rutgers University, and Mount Holyoke, and Smith colleges; and the Nellie Mae Education Foundation and U.S. Health and Human Services.

“I believe the majority male faculty are best situated to reduce stereotype threat for women and non-immigrant minorities,” Moody said. “Concomitantly, those faculty are best situated to increase the number of women and non-immigrant minority who aspire to succeed in the fields of science, technology, engineering, and mathematics. Through my consulting and ‘coaching,’ I try to help majority male power-holders understand why and how they can do these two tasks.”

Moody holds a J.D. from Northeastern University Law School, a Ph.D. in English Literature from the University of Minnesota, and a B.A. in English from the College of William and Mary. In March 2005 she will publish the monograph, “Rising Above Cognitive Knees: Guidelines for Search, Tenure Review, and Other Evaluation Committees.” Her book-in-progress, “Student Diversity: Problems and Solutions,” is now under consideration for publication.

–by Mary Rankin