

INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING

Alumni Connections

Summer 2005



IMSE Chapter of IIE Hosts 2005 Region V Paper Conference

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Kansas State University's Institute of Industrial Engineers hosted the 46th annual IIE Region V Paper Conference March 3-5, 2005. Primary focus of the two-day event was presentation of technical papers written by students, as well as workshops focusing on career choices and employment opportunities. This year's theme was "Oh, the places you'll go."

More than 90 student representatives from Texas Tech, Oklahoma State, Wichita State, St. Mary's and Kansas State Universities, as well as the Universities of Oklahoma, Houston, Arkansas and Lamar participated in the conference.

Arriving on Thursday, the students experienced a campus tour, a welcome from our department head Brad Kramer, and then participated in their first team-building activity of the conference. The activity, titled "Man Overboard!" had the teams construct a mini raft out of popsicle sticks and string. The object of the activity was to keep as many toy soldiers' heads above water as long as possible. After the activity, the students had a break for dinner and then

were invited to go to Fast Eddie's Bar & Grill for a social hour.

After a hearty breakfast Friday morning, students were welcomed by Dean Terry King and then the presentation of papers began. Ken Ward spoke to the conference attendees about balancing personal and professional life after lunch.

A break in the presentations allowed the students to participate in a long-awaited activity. A few weeks before the event, Conference co-coordinator Cole Knudsen sent a note out to the participating schools as well as a disposable camera regarding the Friday event. The schools were to create a mascot out of everyday materials and were to take pictures of the mascot as they made their way to Manhattan. Friday afternoon, the students were given 20 minutes to create a Power-Point presentation of their pictures. The event was judged on the creativeness, tastefulness, quality, extent of decorations, and adherence to the theme. The activity al-



Students gather in the Fielder Atrium to enjoy a lunch break on Friday during the conference.

lowed the students to take their creativity to the highest levels and also allowed for a little fun.

Friday night a banquet at the KSU Alumni Center extended the festivities. Larry Strecker, graduate of IMSE and recent inductee into the KSU Engineering Hall of Fame, was the keynote speaker. Larry spoke to the group about how to define and achieve success.

Saturday, two workshops wrapped up the conference. The first workshop was

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Upcoming Events!

Homecoming	Oct. 23-29
Scholarship Reception	Nov. 3
December graduation	Dec. 10
Spring Awards Banquet	TBA
Open House	April 7-8
May graduation	May 13

From Dr. Kramer

IMSE Associate Professor & Department Head



Greetings from Manhattan, KS! It has been nearly ten years since we last shared news from your alma mater with all of our graduates – far too long to catch you up on all that’s been going on here. This newsletter is intended to be the first edition of our renewed effort to publish this communication annually. I am pleased to report that, in Garrison Keillor’s terms, “our educational and research programs are strong, our faculty and staff are good looking, and all our students are above average.”

We are working on the alumni portion of our web site: <http://cheetah.imse.ksu.edu/>.

The new site should be published by the end of the summer. We plan to have an electronic form where you can enter information about yourself that can be accessed by IMSE alums (password-protected) so that you can keep in contact with your friends.

Since our last newsletter, Timothy Deines, Todd Easton, Zhijian (ZJ) Pei, and Shuting Lei, Becky Riley, and Teresa Ivy have joined our faculty and staff. Carl Wilson, Steve Konz, and Rosemary Visser have retired. Professors C.L. Hwang and Gene Grosh have recently passed away, as well as Catheryn Long. Steve Hanna joined us for a few years and helped us tremendously while he was here. Jerome Lavelle left K-State to become an assistant dean at North Carolina State University. Farhad Azadivar and Sharon Ordoobadi have left K-State for the University of Massachusetts at Dartmouth. Dr. Azadivar is the dean of engineering and Dr. Ordoobadi is a faculty member in the college of business.

On the average, faculty publish more than two refereed journal articles/year and another two to three papers in refereed conference proceedings each year. Research grant expenditures have increased to nearly \$500K/year. We’re also pleased to note that Vicky Geyer was named the outstanding classified employee in the college of engineering this past year.

The following alumni have been honored by the College of Engineering:

Hall of Fame: Nadalie Bosse, Stuart Curtis, Bob Davis, Gary Johnston, Way Kuo, Larry Strecker, Frank Tillman, and Kuo-Ming Wang.

Distinguished Service Award: Stuart Curtis

Alumni Fellow: Nadalie Bosse and Larry Strecker

Professional Progress Award: Mike Valentine, Mark Galyardt, Paul Kolbeck, Dennis Rottinghaus, and Jackie Middleton.

Both our industrial engineering and manufacturing systems engineering programs have maintained ABET accreditation. The department is due to be visited again by ABET in the fall for its regular accreditation review. Unfortunately, I must also inform you that our manufacturing systems engineering degree program was cut by the university and Board of Regents due to low enrollments.

Our students continue to excel in scholarship competitions such as the prestigious National Science Foundation fellowship, Future Homeland Security Scientists fellowship, NASA fellowships, and Phi Kappa Phi, Alpha Pi Mu, and Tau Beta Pi, material handling, and IIE scholarships.

Classes are still taught primarily by faculty members to groups typically numbering less than 40 students in each IMSE class. Our classroom sports a multimedia presentation system, whiteboards, and adjustable chairs. Most IMSE classes incorporate active learning techniques; especially team projects and presentations.

We are pleased to report the establishment of scholarship endowments by Bob and Sandy Davis, Frank and Barbara Tillman, Carl Ice, the C.L. Hwang family, the Ranhotra family, Doris and Gene Grosh, Nadalie Bosse, and Stephan and Maureen Konz. These endowed scholarships are helping to make it possible for current and future students to earn an industrial engineering degree from K-State.

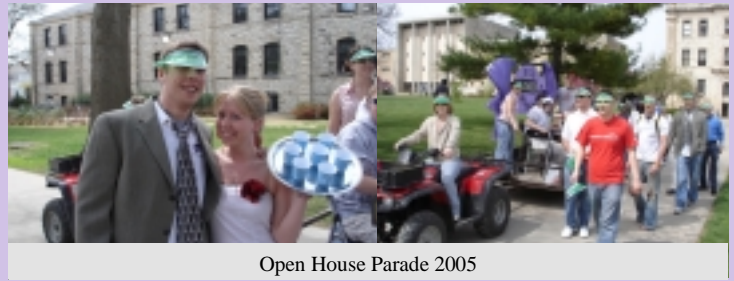
Recently, we created the IMSE Professional Academy. Academy members are recognized based on annual giving. Funds are used to support the faculty, staff, and student activities and building the department infrastructure.

Please share with me your thoughts about the newsletter. What would you like to see in the newsletter? How can we improve it to better provide you with the information you want? Your ideas and comments would be appreciated.

Regards,
Brad Kramer

Straight from the Students

Updates from IMSE student organizations



Open House Parade 2005

IIE

Heather Roos, IIE President

This year was quite an eventful one for the KSU IIE Chapter. The IIE officers did a great job adding new activities to the annual events already on the calendar. Steven Clark, IIE Vice President, was able to bring in interesting speakers for each of the monthly IMSE assemblies and the chapter development officers added a few extra activities this year.

The fall semester began in September with the annual IMSE picnic at City Park. Everyone enjoyed pizza and tried to stay dry during the water balloon toss.

October was a very busy month! It started off with an assembly presentation by Larry Strecker and Gary Johnston on their paths to success. These gentlemen were two of the three IE inductees to the College of Engineering Hall of Fame this year! On October 7th, the IIE Kansas City Senior Chapter sponsored a Mentor Day in Kansas City. IIE members from K-State and Missouri met for a tour of the Gear for Sports distribution facility in Lenexa, Kansas, and lunch at "The Pizzamaker." Each student was then paired with a senior IIE member to visit their workplace in the afternoon. At the end of the month, an enrollment help session was organized by the IIE chapter

development officers. This new event allowed the underclassmen to seek help while they planned their class schedules for the upcoming semester. Both upperclassmen and faculty were available to provide advice.

In November, industrial engineers from Yellow Transportation came from Kansas City to speak about IE careers in the transportation industry at our assembly. A workshop on Six Sigma techniques was sponsored by Raytheon. Over 60 IMSE students participated in classroom style presentations and a hands-on teamwork exercise.

The semester wrapped up with our annual holiday party and December assembly. The pre-assembly festivities included a delicious assortment of goodies and even an appearance by Santa Claus! At the assembly, ConAgra discussed the opportunities for new IE graduates within their company.

Our first event of the spring semester was the February assembly. Bob Copple and Dr. Mary "Kathy" Gooch, two IMSE alums, gave a great presentation on their career paths in the medical industry. On March 3-5, our chapter hosted the IIE Region 5 Paper Conference. A special committee worked for more than a year to take on the large amount of planning this event required. From getting corporate sponsorship, to planning every detail of the agenda, the Paper Conference committee

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SME

Matt O'Laughlin, SME President

SME had a fantastic year! We had the opportunity to travel to Chicago to be part of the International Machine Tool show. This show featured over 1000 companies worldwide and was a great experience. We also toured General Motors, Harley-Davidson, and Raytheon and Cessna aircraft. SME conducted the April assembly, inviting Operations

Manager Larry Holt of Caterpillar Work Tools Inc., Wamego, to be the guest speaker. His speech explained aspects of production at the Caterpillar manufacturing plant.

As a way to earn money for their organization, SME has been producing "powercat" barbecue spatulas and selling them at various events and functions such as the Spring Open House. We hope to continue this fundraiser in the future.



Alpha Pi Mu

Nyla Polli, Alpha Pi Mu President

The 2004-2005 school year was a great one for the Kansas State Alpha Pi Mu chapter! We organized the sale of IMSE departmental polo shirts to students and faculty in support of departmental events such as the IIE paper conference and Engineering Open House. Also, this year we worked to update the information on our web-based IMSE Student Handbook. This website was started last year by the Alpha Pi Mu chapter, and is a reference for the academic and professional needs of our students. (Available at http://www.imse.ksu.edu/IMSE_Student_Handbook/Student_Handbook.htm)

Our chapter of Alpha Pi Mu had ten new initiates this year including Tawny Albrecht, Crystal Behrends, Steven Clark, Ryan Ebright, Patricia Geist, Maria Gutierrez, Landon Larson,

Brent Parker, Shayla Sack, and Kendra Sullivan. Our chapter also recently awarded the Jacob Smaltz Outstanding Senior Award to members Kenneth Norton, Ashley Roos, and Heather Roos.



Ashley Roos accepts an award at the Spring 2005 Awards Banquet.

Name the IMSE Faculty or Staff Member!



Test your IMSE faculty & staff knowledge! Below are all of the faculty & staff who currently work in the department. Next to them are strange or interesting facts; each fact belonging to a certain person. See if you can match the correct fact with the correct person! Good luck! (answers on last page)

- | | | |
|--|-------|--|
| 1. Has traveled to more than 40 states in the country | _____ | a. Vicky Geyer-Public Service Admin. |
| 2. Loves to cook and cake design | _____ | b. Dr. Margaret Rys-Associate Professor |
| 3. Was named "best actor" in high school. | _____ | c. Carl Wilson-Emeritus Professor |
| 4. Flew an A-4 McDonald Douglas Skyhawk for 12 years | _____ | d. Dr. Michael Harnett-Professor |
| 5. Is most famous for never using lecture notes in class | _____ | e. Dr. John Wu-Associate Professor |
| 6. Loves to play ping-pong and racquetball | _____ | f. Dr. Stanley Lee-Professor |
| 7. Was once a HUGE Garth Brooks fan | _____ | g. Teresa Ivy-Senior Admin. Assistant |
| 8. Speaks four languages and likes to ski | _____ | h. Timothy Denies-Instructor |
| 9. Has taught pottery | _____ | i. Matt Stegman-Computer Tech. Support |
| 10. Was a skydiver for five years | _____ | j. Dr. ZJ Pei-Associate Professor |
| 11. Always keeps their watch displayed on 24 hour time | _____ | k. Dr. David Ben-Arieh-Professor |
| 12. Was a gangster as a teen | _____ | l. Dr. Brad Kramer-Assoc. Professor & head |
| 13. Is going to school to be a dental hygienist | _____ | m. Jolynn Brown-Student Office Assistant |
| 14. Has owned five 1957 Chevys | _____ | n. Dr. Shuting Lei-Associate Professor |
| 15. Made their own wedding rings | _____ | o. Dr. Todd Easton-Assistant Professor |
| 16. Goes to the rec center at 6 a.m. | _____ | p. Becky Riley-Project Coordinator |

MSDA: Idea to Reality



Every spring semester, IMSE seniors receive real-world experience that helps prepare them for the careers that await them. Dr. Margaret Rys's Manufacturing Systems Design Analysis class (MSDA) is a capstone design course provided by the IMSE department and is a course unlike most others.

The group's goal is to design, market, manufacture, and successfully sell 100 products made of wood within one semester. The students elect their own CEO and executive board. Each of the employees (class members) belongs to one of five different departments: Administration, Finance, Marketing, Operations, or Engineering.

David Weaver, elected CEO of Wildcat Works, says the class was very beneficial. "[I gained] not so much book smarts as the ability to work with people and motivate and manage those that I worked with in the class. I also learned a lot about what it would take to start an LLC corporation and develop a small company."

The group submits three ideas for products to Dr. Rys and evaluates each product on its manufacturability, cost, and marketability. The marketing department then surveyed the public for product interest and researched each product. After the marketing department prepared a presentation for the class, a vote was taken to select the product that they would manufacture and sell. This year they chose the Kat Rack, a media rack that can be used to hold various items such as DVDs or CDs.

Unique options were offered to customers so they could design their Kat Rack the way they wanted it. Stain color and/or different engravings were available. Wildcat Works also offered online ordering and free delivery in Manhattan to accommodate their customers.

Weaver said the group ran into a few obstacles, but overcame them properly.

"Through great planning and hard work by my VP's, we managed to never run into any large or unseen problems that hurt production," Weaver explained. After a semester full of sawing, drilling, gluing, sanding, selling, and most importantly, engineering, Wildcat Works attained their goal. The Kat Rack's production was completed on time and sold out during this year's Open House. This was yet another successful spring semester for MSDA.

Dr. Kramer designed and developed the course in 1986 and we have offered it every year since then. Past products have been tables, clocks, chess sets, and wine racks.

Weaver claims the course was well worth the effort. "I found the class very useful and gained another building block for me to use when dealing with groups of people in a team setting," said Weaver.



In Memory . . . Dr. C.L. Hwang and Dr. Gene Grosh

In the past few years, two successful and appreciated emeritus industrial engineering faculty members have passed away. Dr. Ching-Lai (C.L.) Hwang died in the spring of 1999 and Dr. Louis Eugene (Gene) Grosh died in the fall of 2003.

Dr. C.L. Hwang started in the IMSE department as an assistant professor in 1964. He became a full professor in 1973. Throughout his academic life, he published 10 books and more than 150 journal articles. His wife, Meilang Hwang, resides in Manhattan. An IMSE scholarship fund named "C.L. Hwang Memorial Scholarship" was set up in his memory.

Dr. Gene Grosh was an associate professor for the IMSE department from 1965 until his retirement in 1990. He accomplished many things in his life, including helping establish K-State's first computerized registration procedure. His wife, Dr. Doris Grosh, is also an emeritus IE professor. She currently resides in Manhattan. A scholarship fund named "Gene and Doris Grosh Industrial Engineering Scholarship" was set up in honor of Drs. Gene



and Doris Grosh's many contributions to the IMSE department and its students.

If you wish to make donations to either of these memorial scholarships, please contact the IMSE department or send your check payable toward the proper fund to the department. See the contribution insert between pages 8 and 9 for more information.

Scholarships & Awards

Awarded to IMSE faculty, staff, and students

Students

Brandon Evans and Nyla Polli were selected to participate in the NASA Graduate Student Research program.

Jessica Heier was awarded an NSF Graduate Fellowship, a Material Handling Scholarship sponsored by MHIA—Automated Storage and Retrieval Systems Product, and a Phi Kappa Phi Graduate Fellowship.

Lane Roney was awarded a Material Handling Scholarship sponsored by St. Onge Company.

Julie Quackenbush Heaser was awarded a Homeland Security Scholarship.

Bryce Huschka was awarded the Patti Johnson Wilson Scholarship.

Steven Clark was awarded the IIE Lisa Zaken Award for Excellence.

Samir Pahwa was awarded the IMSE Outstanding Freshman Award.

Katie Kimble was awarded the IMSE Outstanding Sophomore Award.

Kristen Kuntz was awarded the IMSE Outstanding Junior Award.

Cole Knudsen was awarded the IMSE Outstanding Senior Award.

Kenneth Norton, Ashley Roos, and Heather Roos were awarded the Jacob Smaltz Senior Academic Achievement Award.

Kristen Kuntz was awarded the Alpha Hardcharger Award.

Ashley Roos was awarded the Beta Hardcharger Award.

Jared Graff was awarded the Gamma Hardcharger Award.

Bryce Huschka was awarded the Larry & Eleanor Strecker Junior Award.

Kyle Huschka and Samir Pahwa were awarded the Larry & Eleanor Strecker Sophomore Award.



IMSE Spring 2005 graduates pose for the camera at the annual Senior Breakfast held at the K-State Student Union.

Faculty

Dr. ZJ Pei was invited to join the Editorial Board of IJ MTM. This board consists of about 10 people from the United States.

Dr. Todd Easton was awarded the IMSE Outstanding Faculty Award.

Staff

Vicky Geyer, Public Service Administrator I, was named the College of Engineering Classified Employee of the Year for 2005.

Conference continued from page 1

conducted by IMSE graduate Anita Ranhotra of Hallmark Cards, Inc, and was titled "Managing the Transition from College to Career: Continuing Education, Leadership, Mentoring, and Networking." The second workshop titled "How much Will You Really Be Making? Evaluating Job Offers and Creating Wealth" was conducted by Scott Hendrix, KSU instructor of finance.

K-State seniors Kent Meinhardt, Paxico, and Sarah Odgers, Wamego, took second place in the technical paper competition with their entry "Ergonomic Improvement Process at Caterpillar Work Tools, Inc." First place and third places went to students from Wichita State University.

"This was an invaluable experience for industrial engineering students from around region five," said Brad Kramer, associate professor and department head of industrial and manufacturing systems engineering at K-State. "Our student leaders in the department did an outstanding job of preparing for and hosting this year's conference."

Conference co-chairs, both industrial and manufacturing systems engineering seniors, were Cole Knudsen, Buffalo, and Kenneth Norton, Wichita. Executive committee members, also IMSE majors, were Katie Kimble, sophomore, Auburn; Kristen Kuntz, junior, Harveyville; Rhae Moore, senior, Kechi; Heather Roos senior, and Ashley Roos, senior, Shawnee; Jared Graff,

junior, Wichita; and Sara Dehaven, senior, Springfield, Mo.

Sponsors included Kansas State University College of Engineering, the department of Industrial Manufacturing and Systems Engineering, Hallmark Cards, Inc., Institute of Industrial Engineers-Kansas City Senior Chapter, Honeywell, Subway, ConAgra Foods, Inc., IMSE Advisory Council, General Mills, Inc., Cerner Corporation and Raytheon.



Kenneth Norton (left) and Cole Knudsen (right) receive the plaque given by the Kansas City Chapter IIE.

IIE continued from page 3

did an outstanding job of pulling it all together for a great conference. Over 90 IIE members from the five-state region attended the conference. Also in March, SME organized the IMSE assembly by inviting an engineer from Caterpillar to speak about his variety of job experiences within the company.

The hard work continued into April with preparations for the IMSE Open House displays. This year the Open House chairs' creativity brought the casino theme to life. The department was transformed into the Las Vegas strip! Guests were entertained as they traveled from "casino" to "casino" to learn about current technologies in the industrial engineering field and our department's curriculum. The displays included the Freshman Sophomore Council's IE careers craps table, an overview display of the MSDA class, an RFID display, a roulette-themed curriculum display, an interactive simulation of a blackjack game, technical graduate displays and a cookie decorating assembly line. Guests then made their way down to our foundry where they could test their luck at the "High Stakes" tables and receive aluminum and plastic key chains made by our students. Last but not least, the CNC machine showed off its capabilities by milling Powercats into the MSDA class's book rack ends.

Our final assembly was held in April and included a presentation on entrepreneurship by Joe Farrar, the CEO of the Farrar Corporation. To celebrate the successful year, the IIE officers organized the annual IMSE Spring Awards

Banquet on April 28th. This year 45 students and faculty attended the banquet held at Whiskey Creek Steakhouse. The group enjoyed a delicious BBQ meal followed by a year-in-review slideshow, a presentation of awards and the IIE officer installation ceremony.

All in all, IIE has had a very eventful year. However, we couldn't have done it without the strong support of our advisor, Dr. Rys, and our department head, Dr. Kramer. A special thanks also goes out to the entire IMSE faculty and staff for their support, especially during the Paper Conference and Open House.



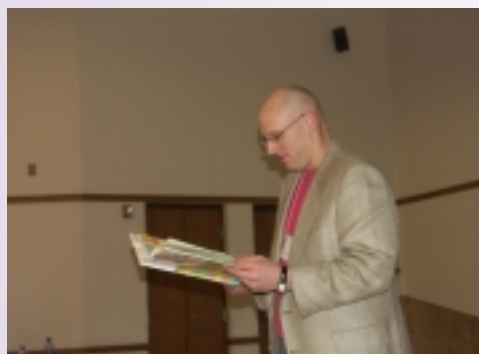
Brad Kramer begins the award ceremony that was held at Whiskey Creek Steakhouse on April 28, 2005.

IMSE Professional Academy

The *IMSE Professional Academy* recognizes alumni and friends who give of themselves to build the department of Industrial and Manufacturing Systems Engineering. The Academy provides IMSE corporate and professional leaders the opportunity to impact industrial engineering education and personally interact with department leadership, faculty and students. Contributions made toward membership will provide support for scholarships and fellowships to recruit outstanding undergraduate and graduate students, student leadership activities, professional development for faculty and staff, equipment and supplies to support active learning and team projects, and travel for student professional development. Membership is based on annual giving to the department of Industrial & Manufacturing Systems Engineering. Current academy members include:

New Graduate—\$50

Ross Bielefeld
Luke & Jennifer Goodrich
Cade and Sara Keenan
Tricia Lespreance
Misty Medlin
John Schotzko
Emily Wing



Ken Ward, graduate of IMSE in 1992 and 1994, was the lunch speaker during the Technical Paper Conference hosted by the IIE K-State chapter. Ken and his wife, Beth, 1993 graduate of IMSE, are both Academy members.

Friend—\$100

Lawrence Andre
Marc & Stephanie Anton
Donald & Steffany Aye
Prabodh Bakshi
Jennifer Bailey
Corliss & Rosanne Ballou
Robert & Lylia Bascom
Steven Borrell
Thomas & Una Bowman
Brian Brooks
Shu-Jen Chen
Anand Chitlangia
Lisa Covert

Jeremy Combs
Timothy & Kathleen Dalton
Michael & Michelle Davis
Michael & Diane Dodson
Gerald and Marcia Faust
Charles & Helen Fultz
Bill & Michaelane Gish
Dan Gish
Jorge Gonzalez
Charles & Mary Hitchcock
Douglas Herr
Patrick Hessini
Michael Hieger
Patrick & Melissa Hoyes
Paul & Adelia Inman Jr.

Steven & Ann Johnson
Timothy Jury
Todd Lakin
Mark Lees
Jeffrey & Janet Lenherr
Marvin Magby
Jane Mann
Giancarlo Marucci
Don McDaniel Jr.
David McKee
Samuel Moser
Raj & Diana Nathan
Don & Susan Pease
Ann Ridge
Gordon Rourk
Bryan Roath

Larry & Connie Satzler
Henry Schrader
Douglas Schumacher
Mandy Scott
Scott Sherraden
Alan Siemer
Brett Sims
Larry & Janie Smith
Eric & Deborah St Pierre
Brian Suchsland
Joseph & Jeri Talley Jr.
Bryce Tolin
Rufus Vawter Jr.
Ram Venkatesh
Robert Whisenhunt

Partner—\$250

Scott & Sue Biederwolf
Catherine Block
Teresa Brown-Bruch
Sonja Burris
Dennis & Kristin Campbell
Athol Chase
Raymond & Sachiko Chun
Walter & Ellie Chrisman
William Cooper

Brad Davis
Brian Decker & Lisa Hotchkiss-Decker
William Demint
Mark Evans
Nancy Fleming
Thomas Funk
Mark & Susan Galyardt
Linda Hester
Trevor & Johanna Holsinger
Jon Jantz
Philip Kastle

Warren & Gisela Kennedy
Kenton Lippert
Kristin Macaluso
Deanna Richter
Arron Smith
James & Deborah Stonehecker
Bill & Jessie Thomas
Randell & Shawn Wagner
Drew Wescott
Deborah Zrubek

Seaton Society—\$500

Max & Melissa Atwood
Michael Clark
Perry & Erin Henry
Jeffrey & Janet Hopkins
Eric Hummell
Thomas Kane

Kristopher Mailen
Bryce Miller
Casey & Cheryl Mussatto
Joe Schmidt
Melainie Smotrilla
Brian & Julie Ward
Kenneth & Beth Ward

Benefactor—\$1,000+

Larry Nettles & Nadalie Bosse
Fred Brown
Bob & Sandy Davis
Kyle Franklin
William & Susan Goodman
Preston & Norma Goodwin
James & Jada Hill

James Holub
Gary & Helen Johnston
Bradley & Joyce Kramer
Mark Miller
Kirk Reid
Dennis Rottinghaus
Charles & Connie Sheppard
Larry & Eleanor Strecker
Tony Veith
Rex Vernon

Corporate Partner—\$2,500+

Accenture, Inc.

All current academy members, we sincerely appreciate your continued support of the IMSE department. We would like to keep you updated in the most convenient and accurate way possible. Please contact the IMSE department if you have changed your address or would like to receive information via e-mail. There will soon be a portion of our web site dedicated to professional academy members.

All Alumni

We are building an Alumni section on our website with hopes to have it completed by the beginning of the fall semester. If you have news you would like to see in the Alumni News section of the IMSE website, please let us know! You can visit <http://www.imse.ksu.edu> and click on Alumni Information. You can enter information about yourself so that your fellow alums can keep in contact with each other. This site will be password protected so that only IMSE alums can participate.

IE Department in 1977—Do you recognize anyone?



Answers to *Name the Faculty or Staff Member*: 1. J., 2. G., 3. L., 4. K., 5. F., 6. N., 7. A., 8. B., 9. O., 10. D., 11. I., 12. E., 13. M., 14. C., 15. H., 16. P.

Edited by Becky Riley, Brad Kramer, and Malgorzata Rys

Industrial & Manufacturing Systems Engineering

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