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It has been an astonishing year at Purdue. While universities across the country are facing significant declines in state support and dramatic cut-backs as the result of the staggering economy, Purdue is bucking the trend in a big way.

The State of Indiana is investing in higher education with an increase in state funding, and Purdue is using this state commitment and the very generous gifts of alumni and friends to rapidly and significantly expand its facilities and faculty. This has given Purdue a very enviable competitive advantage relative to our peer institutions. And, if we can continue to hold this advantage, it will ensure that we reach our goal of turning a great university into a preeminent university.

(continued)



Against this backdrop, 2003 will be remembered as a banner year for Civil Engineering at Purdue. There were many great milestones and achievements during the year including:

- A generous gift from Christopher (BSCE '77, MSCE '79, Ph.D. '83) and Susan Burke (BS '78), of Rosemont, Illinois, established a new chaired professorship in the School. Such professorships provide valuable endowment funding that enable Purdue to attract and retain outstanding faculty and students.
- As part of a challenge to bring more chaired professorships to Purdue, **Mr. William Bindley** (BS '62, Honorary Doctorate '97), of Indianapolis, will match the Christopher and Susan Burke Chair bringing another endowed professorship to Civil Engineering.
- Edward Curtis (BSCE '49), and Jewel Spayth (BS '47), of Beaumont, Texas generously pledged \$1M to establish a chaired professorship for visiting professors, so that Purdue's School of Civil Engineering can attract outstanding scholars from other universities to visit and teach during their sabbatical leaves.
- The October completion and dedication of the Robert L. and Terry L. Bowen Laboratory for Large-Scale Civil Engineering Research is an exciting milestone for Civil Engineering at Purdue. Funded entirely by the contributions of alumni and friends, it is simply the best structural and materials testing facility in the World. This incredible facility will significantly expand Purdue's already formidable structural and materials research program.
- The School has added four new faculty to its ranks, including outstanding senior faculty members from other universities as they are attracted to the unprecedented growth and expansion at Purdue. And, there will be more faculty to come. Civil Engineering is participating extensively in the eight signature areas defined by Purdue's Schools of Engineering. These signature areas will add an astonishing 75 new faculty positions to Engineering in the next 5 years and Civil Engineering will play a key role in this expansion.
- Externally funded research expenditures in the School of Civil Engineering reached record levels in the 2002-03 academic year with a solid 13% increase over the previous year. Given the economic conditions, this is indeed an impressive achievement.

These are just a few of the many things that are helping to make Civil Engineering at Purdue the world's preeminent civil engineering program. Developing new ways to expand the undergraduate and graduate programs, revising and updating the undergraduate curriculum, administrative restructuring, new faculty incentives, and new ways of recruiting outstanding students are some of the other initiatives that the School is in the process of implementing.

The goal is preeminence. With the continued support of alumni and friends and the hard work of faculty, staff and students this goal is well within our grasp.

Fred Mannering

Head, Civil Engineering



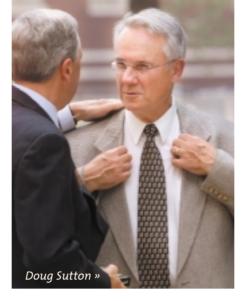
**Dulcy Abraham,** Construction Engineering and Management and **Doug Sutton** were two of the seven professors from the Schools of Engineering that were entered into the Book of Great Teachers on August 28, 2003. This Book "honors the accomplishments of Purdue's best faculty and recognizes their long-term contributions to the University."

The book, a bronze-and-walnut wall display in the west foyer of the Purdue Memorial Union, honors outstanding teaching faculty who have demonstrated sustained excellence in the classroom.

The 42 professors are the first group to be inducted since the Book of Great Teachers was unveiled in 1999 with the names of 225 current and former faculty. Honorees include past winners of university wide teaching excellence awards and those nominated by students, alumni and colleagues. It is an honor for the School of Civil Engineering to have Dulcy Abraham and Doug Sutton join this elite group.

Professor Dulcy Abraham becomes so enthusiastic about a topic that her students' initial reaction is "wow, she really loves her job." Teachers that really have passion for what they are teaching help spark passion in the students.

Abraham, associate professor of civil engineering at Purdue for four years, said being at Purdue is her calling. "Teaching, research and service all together makes a nice whole for me," she said. Abraham's warm smile, positive attitude and high energy keep her students going for the entire class. "She is very enthusiastic, animated and enjoys what she is doing," said Zeid Haj-hassan, senior in the Schools of Engineering.



Abraham said when she can show the students that the topic is exciting and interesting, it reflects in the students' work. (Photo and story from the Purdue Exponent, August 28 publication.)

Doug Sutton has been part of the Civil Engineering faculty since 1961. He has positively impacted the lives of thousands of students over the last 42 years. What is classic about Professor Sutton's teaching style is that he expects nothing more from his students than he gives himself. He is dedicated to teaching, conscientious about his responsibilities to Purdue, pays extreme attention to detail and expects the same from his students.

He challenges his young civil engineers-to-be not only to do their best, but to push themselves to solve the most difficult problems. He does not accept excuses for poor work, but rather allows the students to build their self-confidence by completing rewarding assignments. (Photo from Journal and Courier, August 28, 2003.)

How a teacher has an impact on their students does not matter. What matters is that at Purdue there are numerous teachers who have had a profound impact on their students. Whether it is for their unique teaching style, or caring attention outside the lecture hall, the names and actions of those in the Book of Great Teachers will be remembered for years to come. Civil Engineering is especially proud to have 2 teachers of this year's 42 inductees to Purdue's Great Book of Teachers.

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### ad in Testing Designs, for Bridges, Buildings

Purdue University is already earning dividends on the new Robert L. and Terry L. Bowen Laboratory for Large-Scale Civil Engineering Research, a high-tech facility that was dedicated Friday, October 3, 2003. Even though the \$11 million lab is brand new, word of the facility has circulated within the academic community. Purdue has been using it to attract top engineers — including the lab's new director — specializing in research to make structures safer, more durable, longer-lasting and earthquake-resistant.

"Engineers will tell you that it's often critical to test large structures because analyzing small-scale models doesn't always yield precise information about how the full-size versions will perform in the real world," said Purdue President Martin C. Jischke. "Now we have the world's

story by
EMIL VENERE





» most modern, well-equipped lab for large-scale testing."

The dedication took place during a ceremony from 11 a.m. to 1 p.m. at the lab, located south of campus and just west of U.S. 231. Purdue alumnus Robert Bowen and his wife, Terry, provided a \$3.25 million gift to the Purdue Research Foundation toward the new lab, which was built with private funding from about 50 donors. Robert Bowen earned a Bachelor of Science degree in civil engineering at Purdue in 1962 and later founded Bowen Engineering Corp. The company, located in Fishers, Indiana, focuses on municipal, utility, industrial and environmental construction. The Bowens live in Indianapolis.

"You spend a lifetime building a corporation, an organization, and work hard to make it a success," Bowen said. "When all is said and done, you consider it a privilege to give something back to the place where you gained the training and education that made it all possible."

"The new lab was a major factor in attracting its new director, Michael E. Kreger, a professor in the Department of Civil Engineering at the University of Texas, Austin," said Linda P.B. Katehi, the John A. Edwardson Dean of Engineering at Purdue. "The Bowen

lab is a tremendous research tool and an educational gem," Katehi said. "It will attract top researchers, the brightest students, as well as public and private funding."

In August Kreger finished a three-year stint as director of UT's large-scale testing lab, the Ferguson Structural Engineering Laboratory, and has been at the university for two decades. He will join Purdue in January as a professor of civil engineering and director of the Bowen lab.

Fred Mannering, head of the School of Civil Engineering, said news is spreading all over academia that Purdue is opening the new structural facility. "There are some incredible people applying for open faculty positions," Mannering said. "It's an opportunity of a lifetime to work in a brand new lab of this scale with all the latest equipment. I think it's safe to say it will be the world's premier structural and materials testing lab."

About five other universities in the United States, including UT, have facilities that could be considered comparable to the Bowen lab but are not as modern as the Purdue facility.

"The sky's the limit in this new building," Kreger said. "It creates tremendous opportunities for conducting ground-breaking research projects incorporating large-scale structural components

"The sky's the limit in this new building. It creates tremendous opportunities for conducting ground-breaking research projects incorporating large-scale structural components that more accurately represent actual structural behavior." Dr. Michael Kreger »









» that more accurately represent actual structural behavior."

Kreger specializes in research to improve the durability and strength of structural concrete, primarily for bridges, and to make structures more earthquake-resistant. The 46-year-old native of Dixon, Illinois, holds bachelor's, master's and doctoral degrees in civil engineering from the University of Illinois at Urbana Champaign. He studied there under the supervision of Mete Sozen, an internationally respected structural engineer who was then a professor at Illinois and is now the Kettelhut Distinguished Professor of Structural Engineering at Purdue.

The new lab will contain powerful hydraulic presses, cranes and other equipment to test parts and materials for buildings, bridges and other structures. With more than 50,000 square feet, it provides up to 6 times more space than is currently available at Purdue for large-scale testing. The lab will attract research dollars from private, federal and state sources, generating an additional revenue stream to support the facility, Mannering said. Although the lab is part of the School of Civil Engineering, it is an interdisciplinary facility that will attract researchers from across the Schools of Engineering and Purdue. Research conducted in the lab will include:

- The design and analysis of earth quake-resistant structures this includes material and how structures respond to seismic events;
- Design of secure structures and civil infrastructure, such as bridges, high-ways and other structures;
- Analysis of the fire- and blastresistance of structures and materials:
- Structural-health monitoring —
  the ability to detect damage and
  deterioration to schedule maintenance
  and eliminate catastrophic failures;
- Multiple applications of new sensor and nano-technologies to provide "intelligent structural systems" that improve the safety and durability of our nation's infrastructure.

"A portion of the research in the new laboratory will be funded by the Indiana Department of Transportation and will be used to improve transportation infrastructure in the State — giving Indiana a significantly safer and more cost-effective transportation system," Mannering said. 

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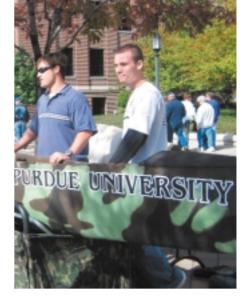


This past spring, May 2 and May 3, the Purdue University Concrete Canoe Team competed in its second regional competition. Over fourteen Purdue ASCE members worked long hours to design and build a lightweight concrete canoe.

The 2003 Great Lake Regional
Competition was hosted by the
University of Evansville in southern
Indiana and was sponsored by the
American Society of Civil Engineers
(ASCE) and Master Builders, Inc. The
competition was broken into four
main components: a technical design
paper, an oral presentation, a final
product score on the canoe, and the
results of the canoe races. The canoe
race competition was composed of
several different heats. Despite a
slight problem with the boat turning
to the left, Purdue was able to place

- » 1st Women's Sprint
- » 3rd Coed Sprint
- » 3rd Women's Slalom

These terrific finishes were able to help bring Purdue to a fourth overall placement in the Great Lakes Regional Competition. With this large improvement from the 2002 regional competition, where the canoe took on water at high speed and sank, Purdue



is determined to make even more improvements in the 2004 regional competition and move on to the national championship.









Greetings from West Lafayette! It is indeed a privilege to be associated with Purdue University and the School of Civil Engineering. I have already been busy becoming acquainted with our faculty, staff and alumni. Thus far, besides traveling

in Indiana, I have visited Chicago and Southern California. All Purdue alumni I meet are eager to learn more about the happenings at their school; they are intensely loyal and generous with their financial support.

After spending fourteen years in higher education development — seven of those at another land-grant institution, many alumni I meet are curious about my first impressions of Purdue. In many regards, the transition has been smooth, but two differences have made a major impression on me: this university, engineering at Purdue and the School of Civil Engineering are complex and just plain big. The other striking reality is that I am now serving a world-class institution.

This world-class quality, coupled with land-grant

exemplifies this mission like no other institution.

be representing the School. To provide access to all who have talent and are willing to work regardless of their financial means is, of course, a primary land-grant mission. I believe Purdue

costs to students, makes me proud and honored to

friends and corporations who have helped make this project a reality.

So, what are our goals as we enter the fourth year of the biggest private fundraising campaign in Purdue's history? First, let me share with you what you, our alumni, have accomplished in the campaign's first three years. The Robert L. and Terry L. Bowen Laboratory for Large Scale Civil Engineering Research is indeed an impressive facility. We are so grateful to the many alumni,

The School of Civil Engineering also has the first alumnus and alumna who have "stepped up to the plate" in response to the Bindley Challenge. We are so very proud of and grateful to Christopher B. and Susan S. Burke who have made the fourth endowed professorship in the School of Civil Engineering possible. It is the first at Purdue to be matched with the resources of Indianapolis entrepreneur and Purdue graduate, Dr. William E. Bindley.

Clearly, the focus of the campaign for Civil Engineering has been facilities and the completion of the Bowen Laboratory. With another \$19.1 million left to be raised in the next four years to meet our overall goal of \$33.7 million, our focus will turn to undergraduate and graduate scholarships/ fellowships as well as endowments for faculty support.

In order to be the best of the best, the School of Civil Engineering must be able to attract and retain the brightest students as well as the most talented faculty. President Jischke's goal is to recruit 300 additional faculty to Purdue in the coming years while replacing those who retire. The only way for Purdue to compete for top talent with the heavily endowed private institutions is to offer top candidates endowed professorships. Funds from these endowments are used to enhance

### In total, \$14.6 million has been raised in the last three years in each of the following categories:

» Scholarships & Fellowships	\$779,070
» Facilities	\$9,085,061
» Faculty Support	\$2,687,000
» Programs	\$404,052
» Unrestricted	\$1,666,034



the scholarly activities of the recipient and sometimes added to their compensation packages. Initially, funds from the professorship could be used to help with the start-up costs of a new recruit. Later, the recipient of the chair has access to a permanent source of funds that can be used for graduate student stipends, equipment, or other expenses that other funding sources may be unable to fund.

Dr. Mannering and I, as well as other members of our faculty, look forward to seeing you in the coming year. I hope to meet as many of our alumni as possible on an individual basis. My goal in these meetings is to increase or help strengthen your connection to your alma mater. I will listen to your thoughts and ideas on how to make the School of Civil Engineering at Purdue the best in the nation.

When the time is right, I hope to encourage your financial support for one of our priority areas or projects. There may also be a giving vehicle that would benefit you in your tax and estate planning. Whatever the case, I am grateful to be representing your alma mater. I am looking forward to meeting as many of you as possible in the years ahead.

Jim Brehm

Director of Development

laques Delleur

Dan Halpin

red Mannering »

### Faculty in the News

During the June ASCE/EWRI annual meeting in Philadelphia, **Jaques Delleur** was presented the EWRI Type 2 Award for his guidance of the Task Committee on Cohesive and Non-Cohesive Sediment Movement in Storm Drains and successful completion of a dedicated issue of the Journal of Hydraulic Engineering on the same topic published April, 2003.

Vince Drnevich has been elected chairman of the Civil Engineering Division of the American Society of Engineering Education (ASEE). He took office on June 24th when he completed a term as Vice Chair of the Division. As the Vice Chair, he served as chair of the Civil Engineering Division program at the 2003 Annual Conference that took place on June 22-25 in Nashville, Tennessee.

Dan Halpin has been elected to the National Academy of Construction (NAC). He was inducted into the Academy in Santa Fe, New Mexico on October 24, 2003. The Academy presently has 57 members who are the creme de la crème of construction professionals. Membership in the NAC is considered to be the equivalent for construction practitioners of selection to the National Academy of Engineering (NAE).

On January 1, 2004, Fred Mannering will assume the position of editor-in-chief of Transportation Research Part B: Methodological, an Elsevier Science Journal. He will take over from founding editor Frank Haight. Dr. Haight served as editor-in-chief for 37 years. The journal has the highest citation impact factor in the transportation field and the second highest impact factor among all civil engineering journals (second to the Journal of Hydrology).

Associate Professor **Robert Frosch** is one of a group of 30 dedicated members to be elevated to the rank of Fellow of the American Concrete Institute (FACI). He was recognized for his service during the Spring, 2003 ACI convention in Vancouver, British Columbia. Robert Frosch has been at Purdue for the past 6 years, where he has been active in both research and teaching, specializing in structural engineering.

### Assuming Additional Duties

**Garrett Jeong** has been appointed Assistant Head for Facilities and Instruction. In this capacity, he is responsible for managing facilities and equipment resources and coordinating the teaching activities for the School. He has been part of our structures group since 1986. His areas of specialty include structural mechanics and applied information technology.

Darcy Bullock has assumed the role of Assistant Head for Graduate Programs. He is responsible for coordinating the recruitment, admission, and administration of the graduate program in the School of Civil Engineering. In the 2003-2004 year, the School admitted 83 new graduate students, bringing the total enrollment to 310. Bullock's teaching, research and consulting interests are in real-time traffic control. He has been at Purdue since December, 1997.

Doug Sutton has been appointed LTAP, (Indiana Local Technical Assistance Program), faculty coordinator and will work to promote and articulate the vision and mission of Indiana LTAP to all of its constituents. He is also the School's delegated representative to the Technical Assistance Program (TAP). LTAP and TAP are important engagement activities in the Schools of Engineering. He has been with Purdue since 1961; his area of specialty is structural engineering. ■



tt Jeong »

Robert Frosch

Darcy Bullock

### Grants

Associate Professor **Inez Hua** was selected as a Faculty Fellow for the 2003 NASA Faculty Fellowship Program at Ames Research Center. This program sponsored faculty research during the summer at various NASA facilities. Of 150 awardees, Hua was one of only 26 invited to Ames. The fellowship program had 734 applicants.

Assistant Professor **Phillip S. Dunston**, civil engineering, has been awarded the National Science Foundation (NSF) Faculty Early Career Development (CAREER) grant for his research in "Mixed Reality Science and Technology for Architecture Engineering and Construction." Through the CAREER program, the NSF, in all areas of research that it supports, awards the most prestigious grants offered by any federal agency for untenured faculty. This program recognizes and supports the early career-development activities of those teacher-scholars who are most likely to become the academic leaders of the 21st century. Awardees are selected on the basis of creative career-development plans that effectively integrate research and education within the context the university's mission.

Also currently working with NSF grants are Associate Professor **Antonio Bobet** and Professor Julio Ramirez "Performance Based Seismic Evaluation of Underground Structures". This research investigates the failure of the Daikai subway station during the Kobe earthquake in 1995. The problem is relevant because the Daikai Station is the first underground structure not crossing an active fault that has collapsed during an earthquake.

Another NSF grant has enabled **Antonio Bobet** along with **Vincent Drnevich** and **Marika Santagata** to investigate "Soil Treatment with Thixotropic Fluids: An Autoadaptive Design for Liquefaction Prevention". The objective of the work is to investigate the introduction of bentonite suspensions into fine sands to reduce the liquefaction potential of the soil. Liquefaction of sandy soils may occur during an earthquake and may cause severe damage or even failure to structures such as buildings, bridges, etc.

Vince Drnevich is also beginning work on another NSF project with a total budget of just over \$200,000 and a two-year duration. The title of the project is Advance Analysis of Electromagnetic Waves for Intrinsic Soil Properties." Professor Drnevich will work with Robert L. Nowack (Earth and Atmospheric Sciences) to investigate estimates of intrinsic soil properties such as water content, density, conductivity, specific surface area, and macroscopic soil fabric are being made by time domain and frequency domain analyses of Time Domain Reflectometry (TDR) signals from probes placed in the soil. ■





### New Faculty

Dr. Monica Prezzi was born in Brazil in 1964. She holds an undergraduate degree in civil engineering from the Federal University of Rio Grande do Sul (UFRGS), awarded in 1986. She followed that with a period of work in the industry, during which she worked on several large construction projects, including power plants, metropolitan train stations and chemical plants. She then went back to graduate school, having obtained a Master of Engineering degree in geotechnical engineering from UFRGS in 1990, and both a Master of Science degree in geotechnical engineering and a Ph.D. in civil engineering materials/geotechnical engineering from Berkeley in 1995. This was followed by several years of work as a consultant on foundation engineering and foundation and structural repair. In 2000 she joined Purdue University as a lecturer.

### New Staff

Chris Chow has joined our staff as web multimedia developer for the JTRP program. She will be developing static and dynamic web pages using different programming languages. Chris will also develop multimedia content as well as on-line training content. Chris graduated from Purdue University in May 2002, with a Bachelor of Science degree from the School of Chemical Engineering.

As an undergrad student she worked for two years with the JTRP Information Technology Initiative. During this time she was involved in developing and maintaining websites developed through JTRP projects and at the INDOT Division of Research. Through this experience she has developed an extensive ability to develop dynamic and static web content and web programming through multiple programming languages. She also has extensive experience and skill in developing multimedia content as well as on-line educational content.

Ms. Irene Poyer is serving as lab manager and environmental analytical chemist with primary responsibilities to work with graduate and post-doctoral students for Professor Suresh Rao. Ms. Poyer moved here from the University of Florida, where she held a similar position for several years. She has a Bachelor of Science degree and will pursue a graduate degree while she is here at Purdue.

Joseph Fletcher has returned to Indiana LTAP after a five year retirement to serve as program manager for the new safety project at LTAP. The safety project involves identification of high-crash locations on local roads in Indiana, using a safety review team of experts to evaluate the types of crashes, developing countermeasures to alleviate the problems, and assisting the local agencies in obtaining funding for the projects. Joe worked as a research engineer for LTAP before his retirement and has extensive experience as a consultant, as well as having served on the faculties of Ohio University and at Purdue. Welcome back, Joe.

### Award Engineering **Outstandi** Φ \_ Φ $\leq$ Φ en Honor 0 £ CG The Schools

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Categories of recognition for the staff awards are: Leadership, Customer Service and New Employee. Faculty recognition categories are: Advising, Engagement/Service, Mentoring, Research, Team, and Young Researcher.

Civil Engineering is proud to have two representatives from among our staff honored at the Engineering Staff Recognition Banquet November, 2002, and one faculty member honored at the Engineering Faculty Recognition Banquet in March, 2003.

Of the nine staff members honored, those from the School of Civil Engineering were Karen Hatke, Joint Transportation Research Program Coordinator and Linda Higgins, Undergraduate Office Administrative Assistant, each of whom received the Customer Service Award in recognition of their outstanding service to their respective constituencies. In particular, Karen Hatke was noted for her exemplary service to external customers through her coordination of Purdue's annual Road School and her contact with INDOT and the Indiana Department of Environmental Management. One peer commented on her "superb professionalism combined with grace and friendship".

Linda Higgins was cited as being "unfailingly friendly and helpful to all those she encounters" as she serves as the School's primary point of contact for the undergraduate student population. The variety of Linda's duties also brings her into repeated contact with faculty, staff, alumni and prospective employers. She received unqualified support for the award from each of these groups.

**John T. Gaunt,** Associate Professor of Civil Engineering, was granted the Advising Excellence Award for his efforts as associate head of Freshman Engineering and director of advising. A 35 year veteran of Purdue, Prof. Gaunt has influenced thousands of



students as a "thoughtful, patient and experienced" professor and advisor. He organizes registration for approximately 1600 freshman students each year and personally attends to all transfer students into Freshman Engineering. He also coordinates the orientation and career development courses offered by the department.

Two Recent Ph.D. Graduates Supervised by Dr. Srinivas Peeta, Associate Professor of Civil Engineering, Won International Best Dissertation Awards This Year

Dr. Jeong W. Yu was awarded the 2002 Eric Pas Award for the best dissertation in Travel Behavior Research by the International Association for Travel Behavior Research (IATBR) at their 10th International Conference in Lucerne, Switzerland, in August 2003. The dissertation is titled Deployable Hybrid Probabilistic-Possibilistic Driver Route Choice Models for Real-time **Network Control using Information** Provision Strategies (completed in December 2002). This award is the most prestigious honor for doctoral dissertations in the Travel Behavior arena. The five-member Award panel for 2002 consisted of professors from Australia, Britain, Canada, Netherlands, and Sweden. The citation by Dr. Tommy Garling, Chair of the Award panel, when presenting the award states: "...work that makes fundamental

contributions to advance the field of travel behavior research, and is methodologically flawless to the extent that research can be..."

Dr. Chao Zhou was awarded the 2002 Pikarsky Award for the best dissertation in the Science and Technology category by the Council of University Transportation Centers (CUTC). The awards ceremony took place in conjunction with the 2003 Annual Meeting of the Transportation Research Board in Washington, D.C. in January 2003. The dissertation is titled "Stochastic Dynamic Traffic Assignment for Robust Online Operations Under Real-time Information Systems" (completed in May 2002). The CUTC series of awards recognizes individuals for their work in the transportation arena in policy and planning, or science and technology. •

Joint Transportation Research Program
Paves a Way for Better Highways

Transportation related research has always been a major activity within the Schools of Engineering. The Indiana legislature recognized the value of research in building and improving roads as far back as 1937. That was the year the Joint Highway Research Project (JHRP) was created as a cooperative research endeavor between the then Indiana State Highway Commission and Purdue University. Authorized by state statute on March 11, 1937, JHRP's functions were mandated as follows:

- make basic studies of materials used in highways;
- facilitate economical design, construction, and maintenance of county and state highways;
- investigate traffic, safety, and other items as desired and agreed upon;
- provide advanced instruction in the fundamentals of highway engineering and related research; and
- provide practical experience in construction and maintenance procedures in the use of highway materials.

Since its inception, JHRP has continuously conducted meaningful research and relevant extension activities in accordance with its goals. Today it is a national model for the successful partnership of government, academia, and the private sector, combining their efforts in a mutually rewarding research program.

Over the years the state highway agency evolved into the Indiana Department of Transportation (INDOT) as its mission changed to encompass all modes of transportation. To align itself more fully with INDOT's mission, JHRP's name was changed as well, in July of 1997, to the Joint Transportation Research Program (JTRP), thus enabling a broader range of research at INDOT's disposal. Over the last three years JTRP has seen significant growth under the leadership of Professor Kumares Sinha, the Olson Distinguished Professor of Civil Engineering and Advisory Committee Chair and Chief Engineer of INDOT, Richard Smutzer.



### 1933 »

John D. Martin (BSCE '33), Austin, TX— John is a retiree from Owens Illinois after 19 years of service. He was Plant Engineer for the research center of Owens Illinois.

### 1940 »

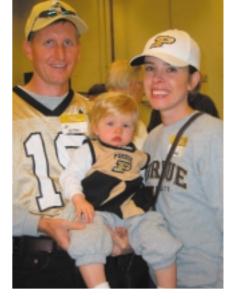
Howard McKenney (BSCE '40), Bloomington, IN-After receiving his BSCE from Purdue in 1940, Howard was employed by AM Strauss in Fort Wayne, IN. As the youngest licensed architect in Indiana in 1942-'44 he worked for Corps of Engineer. In 1944-'53 he opened up his own office in Bloomington, IN. Designed seven churches, four schools, I.U. service building, I.U. School of Optometry, fraternity houses, three banks, a school administration building, newspaper plant and many others. In 1961-'62 he worked with AECON Engineers in Nashville, IN and in 1963-'84 he worked for the City of Bloomington as a utility engineer. Howard has three children, six grandchildren and four great-grandchildren.

### 1947 »

Ernest J. Koestering, Jr. (BSCE '47), St. Louis, MO—Ernie honored his wife, Dee Koestering, of 49 years in 2002. Dee passed away August of 2001 and now Ernie has donated 9.5 acres of land, Meramec Highlands Quarry/Dee Koestering Park which is to open to the public in the fall. The park is undergoing a cultural resource survey due to identifying many significant archaeological areas that are in the site. This survey has been important to the history of the area as they research the quarry. Many of the stones used for the 1904 World's Fair came from this park.

### 1949 »

Elliot Bouck (BSEME, CE '49), Newark, DE—Elliot is a retiree from the Chicago Bridge and Iron Ltd. in the European/MiddleEast Division out of London, England. He is a registered PE in the state of DE and had 37 years with the CBI. He served in the United States Air Force, active and inactive reserve for a total of 22 years. He served in the USAAC in World War II as an instructor pilot in instruments and in the USAF in Korea from 1950-1953 as a pilot in F-84's.



Paul Mueller (BSCE '49), Scottsdale, AZ-Paul is a PE and Consulting Civil Engineer. He recently received a service award from Arizona State University and the Arizona D.O.T. for long term distinguished involvement in pavements and materials. Donald Reichle (BSCE '49), Nederland, TX-Donald is a P.E. and General Manager/ President of Don S. Reichle & Associates Inc. After many years as a contractor for oil, chemical and water storage tanks, he formed a one man storage tank consulting firm in 1969, possibly the first specialty tank consulting firm in the US. After 34 years of running his business, at age 80, Donald is going strong with no plans to retire soon. He is a life member of the ASCE and also has memberships in the AWWA, NSPE, TSPE, AWS, NACE, SSPC and TWUA. He is a long time lay reader at his church and a certified mediator (volunteer) for the Jefferson County

### 1950 »

**Gene Barrett** (BSCE '50), Anderson, IN—Gene has retired from his position as a staff engineer at GMC. He has a Professional Engineering License in the state of Indiana.

Dispute Resolution Center, Inc.

### 1954 »

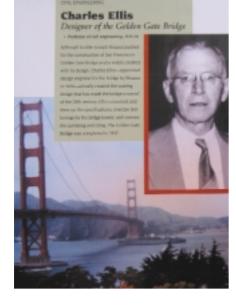
Richard Knight (BSCE '54), Barnstable, MA—Richard retired in 1996 but remains active. He is a qualified Locomotive Engineer, running scenic and dinner trains for the Cape Cod Central Railroad.

### 1955 »

David Churchman (BSCE '55), Indianapolis, IN—Dave is a PE in the state of Ohio but is currently in sales and marketing of printing supplies, a semi-retirement business he purchased in 1992. He spent some time in North Africa with the 329th Engineers running 1st and 3rd order triangulation between Egypt and Tunisia. He and his wife, Charlene, have been married since 1959. They have four children and a grandson who was born on February 14, 2003.

### 1956 »

**Albert Sanborn** (BSCE '56), Locust Grove, VA—Albert is now retired but remains active as the President of the Lake of the



Woods (homeowner) Association. His wife, Gloria Rosky Sanborn (MSED '55), passed away on April 25, 2003.

### 1957 »

William Reps (BSCE '57), Albuquerque, NM—William is in management and air transportation consultation at WFR& A. He is actively promoting air transportation and the new "STARPORT" airports in the United States, currently New Mexico. William is also active in the Middle East "reconstruction programs."

James L. Lammie, (MSCE '57, HDR '97), Princeton Junction, NJ—Jim, former President and CEO of Parsons Brinckeroff, Inc., is the newest member of the American Public Transportation Association (APTA) Hall of Fame. He was recognized for his significant role in transportation development throughout the United States. In 1993 Jim was elected to the National Academy of Engineering. He is an Honorary Member of the ASCE and winner of its Parcel & Sverdrup Civil Engineering Management Award and the ASCE Outstanding Projects and Leaders (OPAL) Award for Lifetime Achievement in Management.

### 1958 »

Jerry Davee (BSCE '58, MSCE '60), Mooresville, IN—Jerry is the Executive Vice President of the Smock Fansler Corporation in Indianapolis, Indiana. He is the Head of the Industrial Construction Group. Jerry is a participant in the First Christian Church choir and is the Elder Post Board Chairman and Trustee. He is also a member of the ASCE.

Moacyr Schwab de Souza Menezes (MSCE '58), Salvador, Bahia/Brazil—Moacyr is an independent consulting engineer. He is also the President of the Brazilian Association of Soil Mechanics at the Bahia State "Nucleus." Moacyr has two granddaughters, Milena and Lais.

Thomas Robinson (BSCE '58), Oswego, IL—Thomas recently retired as the President of Kendall Consulting Co., Inc. He has memberships in the ASCE, AISC, CRSI, AREA, and ACI. Thomas has had careers in the agriculture industry and the shipping and transportation industries. He has lived and worked in the United States, Cuba and China.



### 1959 »

David J. Henricks (BSCE '59), Culver, IN—David retired in May 2002 after 43 years in sales with Contech. His responsibilities with the company covered domestic, national, and international (export) sales of management functions. He is active in the ASCE at the state and local levels.

### 1961

Jerry Dake (BSCE '61), Denton, TX—Jerry took a position as the Managing Director of the Center for Quality and Productivity at the University of North Texas. He works in the Business Computer Information Systems Department in the College of Business Administration.

### 1962 »

Christopher Timm (BSCE '62), Albuquerque, NM—Christopher is the Environmental Department Manager at Kleinfelder Associates Inc. Outside of his work, he stays busy supporting the activities of his children and grandchildren.

### 1966 »

Donn Hancher (BSCE '66, PhD '72), Lexington, KY-Donn is the Terrell-McDonald Professor of Construction Engineering and Management at the University of Kentucky. He was the 2001 recipient of the American Road and Transportation Builders Association's (ARTBA) S.S. Steinburg Award for his outstanding contributions to the field of transportation education. Donn was also the recipient of a UK Great Teacher Award and the College of Engineering's Lutes Award for Excellence in Undergraduate Education in 2001. He has received awards from the American Society of Civil Engineers and the Chi Epsilon honorary society. Donn is on the ARTBA Board of Directors and has also served twice as president of the research and education division of this organization.

### 1968

Jack A. Hockema (BSCE '68), Mission Viejo, CA—Jack has been promoted to President and CEO of Kaiser Aluminum Corporation. Previous to becoming the President of Kaiser Aluminum, Jack served as the Executive Vice President and President



of Kaiser Fabricated Products. He has 26 years of experience in the metals industry and has been with Kaiser for 13 of those years.

### 1969 »

David McKinley (BSCE '69), Wheeling, WV-David is the President of McKinley and Associates, the second largest A/E firm in the state of West Virginia. He formerly served seven years in the WV legislature and as the state GOP Chairman. He was a 1996 candidate for governor. David is active in real estate development, economic development and glass manufacturing. He is a member of several engineering organizations and foundations including the ASCE, NSPE and WVSPE. David has received numerous design, professional, and personal honors and is active on the church vestry. David and his wife have four adult children.

### 1972 »

Ronald Stephen Hansell (BSCE '72, MSCE '74), Florence, MT—Ron is a lawyer, patent attorney, and construction arbitrator at Hansell Law. He relocated to the Bitterroot Valley in Western Montana after giving a seminar on Disaster Planning to the Western Montana Bar in November 2001. He was admitted to the State Bar of Montana and the Federal District Court for the Montana District in April 2002. Ron is a member of ASCE, ISPLS, and several law, engineering, and surveying related organizations. Ron and his wife Carolyn have a new grandson, Preston Elijah Stevens, who was born on August 15, 2003.

### 1973 »

Robert Carlson (BSCE '73), Lakewood, CO—Robert is the President of Muller Engineering Company, a 45 person Engineering firm specializing in transportation, water resources, and utilities in Lakewood, Colorado. Robert is a member of the Board of Directors for ACEC-Colorado and a commissioner for the Certified Consulting Engineers of Colorado. His recreational activities include membership in the Professional Bowlers Association, and playing lead trumpet in the Windjammers Dance Orchestra, a swing band. His wife Joy

is a registered nurse and their son, Brett, is a sophomore at the Colorado State University.

### 1976 »

Mihir Baran Roy (PhD CE '76), Calcutta, West Bengal, India-Worked as principal foundation engineer for major industrial projects. Projects included steel plants, super thermal power plants, water retaining structures, highways, road and rail bridges, port facilities, oil refineries and industrial structures. Worked for M/s. M.N. Dastur & Co. a s a consulting engineer and was a general manager for Indian operations for a joint venture company with FUGRO of The Netherlands. Mihir is currently a consulting geotechnical engineer in Salt Lake City, Calcutta. Mihir and his wife, Kumkum, have been married for 25 years and have two daughters.

### 1978

Patricia D. Galloway (BSCE '78), Seattle, WA—Patricia is the CEO and President of the Nielsen-Wurster Group of Princeton, New Jersey. She is the first woman to be elected as the President of the American Society of Civil Engineers (ASCE) in its 150 year history.

### 1979 »

Thomas Orisich (BSCE '79), Phoenix, MA—Thomas is the Senior Vice President and a Professional Land Surveyor at Whitney, Bailey, Cox, and Magnani in Baltimore, Maryland. He is the former chairman of the Baltimore Chapter of the Maryland Society on Surveyors and Committee chairman of State legislation for MSS. Thomas was appointed to the Maryland State Board of Professional Land Surveyors and is a current member. He also has membership in the N.C.E.E. S.

### 1980 »

Don Bixby (BSCE '80), Kewanna, IN—Don has accepted a position as a Consulting Engineer at Territorial Engineering, LLC in Walkerton Indiana.

James L. McKinney (BSCE '69, PhD '80), Terre Haute, IN—Jim was awarded the Indiana Civil Engineer for 2003 at the Indiana Section's Annual Meeting in West Lafayette on April 3, 2003. As Chrm/Professor in Civil Engineering at Rose-Hulman Institute of Technology, Dr. McKinney has contributed greatly to the profession. Jim is active in ASCE, the Asphalt Quality Assurance Program, which he established to benefit the paving

### Patricia Galloway, President of ASCE

Patricia Galloway, P.E., F.ASCE, PMP, chief executive officer and president of The Nielsen-Wurster Group, Inc. was installed as president in November, 2003 of ASCE. Installation ceremonies were held at the ASCE Civil Engineering Conference and Exposition held in Nashville, Tennessee.

"Women have long been breaking barriers and making astounding contributions to the engineering profession, so it seem implausible that only in the 150th years of ASCE's founding a woman has been elected president., " said Galloway. "Yet, I do not view my election as a milestone, but instead a validation on how far we have come in accepting people for their abilities and skills, strengthening our profession."

An internationally recognized leader in civil engineering and construction, Galloway has served on several private and nonprofit boards, including the Purdue University Engineering Alumni Board, the International Activities Commission of the American Association of Engineering Societies as chair, and the Society of Women Engineers, serving as president of the New York and Wisconsin sections.

Throughout her career, Galloway has been recognized with numerous professional honors including the Purdue University Engineering Alumni Award and the National Professional Women in Construction Professional Leadership Award.



industry and the Indiana Department of Transportation, along with the Seelyville Methodist Church and Boy Scouts of America. He received the prestigious "Sagamore of the Wabash" award (from the then Governor Evan Bayh) for his public service. Jim and his wife Melody have two children, Jennifer and James.

Mark Ringenberg (BSCE '80), Albany, IN—Mark took a position in the US Army Corps of Engineers as a Cost Reimbursement Program Administrator in Louisville, Kentucky.

### 1982 x

Jeffrey Pearl (BSCE '82), Wisconsin Rapids, WI—Jeffrey is the President of the Pearl Engineering Corporation. Pearl was started in 2000 and is a multi-disciplined engineering consulting and project management firm, specializing in the power, pulp, and paper industries. The Corporation has six senior level and highly experienced engineers with offices in Wisconsin Rapids and Stevens Point, Wisconsin.

**Dale Wills** (BSCE '82), South Bend, IN—Dale has accepted a position as a Civil Engineer for the Lawson-Fisher Associates, P.C. in South Bend, Indiana.

### 1983 »

Bradley Edward Brink (BSCE '83), Mokena, IL—Bradley is the President of Brink Engineering which was formed in 1999 and serves a variety of clients in Northeast Illinois. He is a licensed PE in Illinois, Indiana, and Michigan. Mr. Brink was recently named the recipient of the Chicago Southland Chamber's 2003 Entrepreneur of the Year Award.

### 1984 n

Mark A. Miller (BSCE '84), Yorktown, IN—Mark has been promoted to Chief of Materials & Test Division with the Indiana Department of Highways. After graduating from Purdue he worked seven years in Greenfield Construction as a project engineer and has been the Greenfield District testing engineer for over ten years. He received his MBA from Ball State University in 2000.



### 1986 »

Todd Sylvestri (BSCE '86), Gillette, NJ— Todd is the President of RST Warehouse and Distribution Corporation. He is thankful for the preparation he received at Purdue for the challenge of running the business he started with his father. Todd and his wife have two sons.

### 1987

James Kirk (BSCE '87), Crown Point, IN— James is the Vice President of Engineering Services at Enspect Engineering Inc. in Merrillville, Indiana. He is the founding partner of Enspect Engineering (2000) and a founding member of the Indiana Structural Engineers Association (2002).

### 1988 ×

David Reuter (BSCE '88, PhD '92, MD '94), Bothell, WA—David is Co-Founder and Chief Medical Officer at Cardive Dimensions, Inc., in Kirkland, Washington. He is also an Attending Physician with the Seattle Children's Hospital. He accredits Purdue for some of the founding principals that made it possible for him to design a heart failure device that he is very proud of. David and his wife, Amy (BSCFS '93) have two children, Sarah (5 yrs. old) and Thomas (3 yrs. old).

### 1990

Carlos Cornejo (MSCE 1990), Lima, Peru—Carlos is the Division President for Construction Financial Services in at the Banco de Credito del Peru. Carlos and his wife, Angie, have been married since 1995 and have two sons, Sebastian and Fabricio.

### 1991

Antonio A. Gonzalez-Quevedo (PhD '91), Mayaguez, Puerto Rico — Antonio was recently named the Director of the Office of Institutional Research and Planning at the University of Puerto Pico under the Chancellor of the University. Previous to this position, he was elected by his peers to represent them on the Board of Trustees, the University Board and the Administrative Board on the Mayaguez Campus of the University of Puerto Rico.



### 1993 »

Amy Barth (BSCE '93, MSCE '94, PhD CE '98), Morgantown, WV—Dr. Barth has been a bridge engineer with SAI Consulting Engineers (Pittsburgh, PA) since obtaining her PhD from Purdue. She has been involved with numerous design feasibility studies and final design projects in West Virginia and Pennsylvania. She is a member of the ASCE-SEI Technical Committee on Fatigue and Fracture. Dr. Barth received her professional engineers license in West Virginia in 2001 and was recently promoted to Project Engineer with SAI Consulting Engineers.

Yaman Kocasinan (BSCE '93), Istanbul, Turkey—Yaman earned his MBA degree from the Hass School of Business at the University of California at Berkeley in May 2003. He is returning home to Istanbul where he will operate his own construction company. He hopes to hear from the class of 1993. Yaman's email address is yaman\_kocasinon@yahoo.com.

John Nelson (BSCE '93), Roanoke, IN— John is a Risk Consultant at American Specialty where he is a member of a team that evaluates the insurability of sports and entertainment complexes around the country. His professional engineering experience provides a unique perspective to the evaluations.

### 1994 »

D. Paul Lincks (BSCE '94), Palmyra, IN—Paul is a Professional Engineer at JWA/HMB Indiana. CE would like to congratulate Paul on the birth of his daughter, Bailey Grace Lincks on October 9, 2002.

### 1996 »

Susan Grenzebach-Kobitz (BSCE '96), Hobart, IN—Susan became the Manager of Environmental Affairs at U.S. Steel's Midwest Plant in Portage, IN. Steven Gustafson (BSCE '96), Coatsville,

PA—Steve is the Business Unit Manager for Synthes USA in West Chester, Pennsylvania. CE would like to congratulate him on the birth of his son, Nathan Lorent Gustafson on June 12, 2002.

Donald Shalibo (BSCE '96), Barkley, MI-Don is the Senior Vice President for Barton Malow Company. Don began his career with Barton Malow Company in 1965. Over the course of his first fifteen years he has moved through the ranks in various field positions including laborer, project engineer, project superintendent, and project manager. His leadership in field operations has taken him from Detroit, Michigan to Minneapolis, Minnesota and Scottsdale, Arizona and numerous locations in between. In 1983 he was appointed vice president of Health Facilities and later senior vice president; 1984 managed corporate/industrial clients; 1987 senior vice president; and 1997 chief executive managing the Detroit Office. In 1999. Barton Malow was awarded the AGC's Equal Business Opportunity honor for diversity results in the constructing of the Wayne County Juvenile Detention Facility and in 2000 the Great Lakes Construction Alliance honored Barton Malow with the GARDE Award for the Detroit Public Schools Summer Maintenance Program.

Don was a commissioned officer with the United States Navy Corps of Engineers, serves on the Wayne State University Advisory Board, Associated General Contractors-Workforce Development and Equal Business and Employment Committee, Purdue University Construction Engineering Advisory Committee, chair of the A. Philip Randolph Career, chair of the Workforce Development Committee of the Great Lakes Construction Alliance, Engineering Society of Detroit, Board of Directors for Detroit Works Partnership and is involved in the non-profit cooperative homebuilding efforts of Detroit's Habitat for Humanity, Technical High School Education Committee, Berkley Schools Education Foundation Board and the President of the Peace Lutheran Church Leadership Board.

Don and his wife Marilyn, married now 35 years, are enjoying traveling. They have a daughter, Debbie, who is a high school teacher and lives with her husband, a U.S. Navy Officer, in Texas.

Derek Speer (BSCE '96), Glendale Heights, IL—Derek is a project Manager/General Contractor for FCL Builders, Inc. FCL has become one of the premier commercial builders in the Chicago area and focuses primarily on multi-story offices, warehouses, distribution centers, industrial manufacturing, and food processing. FCL received the Contractor of the year award in 1999



from the American Subcontractor Association, and many of their projects have received Project of the Year Honors from the city of Chicago.

### 1997

Cheryl Jung (BSCE '97), Lafayette, IN-Cheryl is a Project Engineer at ATC Associates, Inc. in Indianapolis, Indiana. She recently negotiated closure through the Indiana Department of Environmental Management Voluntary Remediation Program for a waste disposal client. Congratulations on the birth of your son, Colton Anthony, on August 23, 2002. Theresa L. Silver (BSCE '97), Indianapolis, IN-Theresa graduated from Valparaiso University School of Law in December 2000. She is currently an attorney at Clyde E. Williams & Associates in Indianapolis. Congratulations to Theresa and Michael (BSCE '96) on the birth of their son, Adam Michael, on November 28, 2000. Jeffrey D. Pizanti (BSCE '97), Norfolk, VA-Jeff just completed a six month deployment to the Mediterranean and Arabian Gulf August 2000. He is preparing for a three year shipyard and reactor refueling.

### 1998 x

Roderick Hughes (BSCE, '98), Indianapolis, IN—Roderick is a consultant with Accenture. Mr. Hughes would like to announce the birth of his son Aidan Malachi Hughes on January 2, 2002.

### 1999 »

Christian Woods (BSCE '99), Long Branch, NJ—Christian earned a Masters Degree in Geotechnical Engineering from Virginia Tech in 2002 and has membership in Chi Epsilon. He is a senior staff engineer at Langan Engineering in Elmwood Park, Illinois.

Constantine Kway Msemakweli (PhD '99), Dar es Salaam, Tanzania—Constantine is Dean of Lands & Environmental Engineering at the College of Lands & Architectural Studies in Dar es Salaam, Tanzania. She is a member of the Engineering and Other Sciences Board of the National Council for Technical Education. She also serves as Board Chairman for the Faculty of Lands and



Environmental Engineering Board and is Senator in the University of Dar es Salaam Senate.

### 2000 »

Alicia Robbin Hightower (BSCE 2000), Romeoville, IL—Alicia took a new position at the Village of Downers Grove as a stormwater management engineer in Downers Grove, Illinois.

Chen Munn Tham (BSCE 2000),
Singapore—Chen took a position as transport planner for the Land Transport Authority in Singapore. He is involved in identifying and developing new road and rail infrastructure projects while accessing community benefits and economic performance in fast-paced Singapore. Chen also develops transport network improvement proposals, forecasts travel demands

### 2001 »

Thomas A. Spriggs (PhD '01), Valrico, FL—Thomas received the Don Bloodgood Award and graduated with his PhD summer of 2001. He is currently with CH2M HILL in Tampa, Florida.

and public transport patronage estimates.

### 2003 »

**Ryan Huebschman** (MSCE '03), Tallahassee, FL—Ryan took a position as a traffic engineer at H.W. Lochner.

Amy Piskorowski (MSCE '03), Tallahassee, FL—Amy took a position at Figg Bridge Engineers as an entry level bridge engineer. ■



Every effort has been made to ensure that the information is accurate. Please let us know of any changes.

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Mark & Barbara Bowman, Lafayette, IN Paul Bradley, Roswell, GA Harry Brenman, Denver, CO Robert & Marilyn Brown, Milford, IN Dean & Phyllis Browning, San Mateo, CA Kyle Campbell, Colorado Springs, CO Susan Cook, Old Field, NY Jeffrey & Gloria Copeland, Westerville, OH Robert & Marian Crooks, Noblesville, IN David Cutter, Brown Summit, NC Scott Darling, Fort Wayne, IN Jill Derise. New Orleans. LA Jay Dietrich, Essex Junction, VT Laurence & Rose Dondanville, Deerfield, IL Robert Drabkin, Denver, CO Douglas & Doris Ewing, Seymour, IN James Ford, San Dimas, CA Martin Fork, Raleigh, NC Jon & Karen Fricker, West Lafayette, IN Lionel & Donna Galerman, Greenfield, IN Paul Gard, Ashburn, VA Michael & Deberah Garlich, Naperville, IL Joseph & Danielle Gebara, Houston, TX Thomas & Janet Graham, Lafayette, IN Gregory Gurnik, Indianapolis, IN Robert Hahn, Daly City, CA Veronica & Jeffrey Hall, Glen Ellyn, IL Donald Harley, Willoughby Hills, OH John & Marlys Hartmann, Overland Park, KS Edward Henderson, Beverly Hills, FL Mannan Hill. La Canada. CA David Hinchliff, Lakewood, CO Daniel Hunter, Terre Haute, IN Garrett Jeong, West Lafayette, IN Paul & Fava Johanningsmeier, Jeffersonville, IN Jerome & Deena Kaplan, Bethesda, MD Michael Karsas, Indianapolis, IN William Kennedy, Springfield, IL Brian Keogh, Surprise, AZ Francis Kiesler, Moorpark, CA James & Deborah Kirk, Crown Point, IN Richard & Alma Knight, Barnstable, MA Steven Kraemer, Winchester, MA Morris & Florence Lauwereins, Wheaton, IL Delbert & Mary Leistner, Sidney, OH Albert Lewis, Lafayette, IN Quentin & Lynda Lewis, Silverdale, WA Kenneth Lichtenheld, Saint Louis, MO Jack & Jennifer Long, Columbia, SC Leo & Elizabeth Louis, Carlsbad, CA Harry & Eleanor Lundstrom, Unionville, VA Monte Marbach, New Carlisle, IN Shawn & Amy Mason, West Chester, OH David Mays, Yardley, PA Keith McCormack, Rochester Hills, MI Mitchell McCoy, Medina, OH Darrow McCreary, Greensburg, IN Jay McGarraugh, Columbia, MO Cary McGuire, Quincy, MA Herbert Miller, Mesa, AZ Donald & Ingebiorg Miller, Houston, TX Keith Miller, Indianapolis, IN James Mills, Laguna Niguel, CA James & Margaret Mills, South Charleston, WV Christine & Matthew Moore, Indianapolis, IN Randy & Jo-Lynn Mull, San Ramon, CA Brian Murata, Wailuku, HI Robert Myers, Cambridge City, IN William Newcomb, Evansville, IN James Ogren, San Francisco, CA Pierre & Kathleen O'Hare, Gahanna, OH Stephen Petty, Peachtree City, GA Luke Peyovich, Hobart, IN Thomas Pickford, Topeka, KS Sinnadurai Prapaharan, West Orange, NJ Essam & Wendy Radwan, Oviedo, FL Brent Rager, Houston, TX

John & Barbara Reihl, Granger, IN Robert Richert, Bluffton, SC Donald Robison, New Albany, IN William & Virginia Rogers, Fort Worth, TX Frank Rollo, Kentfield, CA Julian & Betty Rouch, Little Rock, AR William & Gretchen Ryan, Dallas, TX Robert Rydell. Cicero. IN Donald & Magdalen Samuelson, Springfield, OH Joseph Sanders, Pasadena, CA Michael & Deborah Schaeffer, Traverse City, MI Phillip Schaffert, Garden Grove, CA Charles Schimpeler, Louisville, KY Charles & Sue Scholer, West Lafayette, IN Thomas & Mary Schubert, Indianapolis, IN Maurice & Sharon Sharp, Avonmore, PA Ronald & Patricia Sheffler, Rensselaer, IN Donald Silvey, Carmel, IN Gary & Bonnie Spraker, Niles, MI Tom Stangas, South Bend, IN Donald & Theresa Stilger, Corydon, IN William & Lula Stine, Monticello, IN Robert Sutherlin, Versailles, IN Charles & Eleanor Sutton, West Lafayette, IN Jeffrey & Carol Teague, Greensburg, IN George Thiros, Pittsburgh, PA Robert Threlkeld, Streetsboro, OH Gerald Tinkle, Columbus, IN Thomas Toberen, Centerville, OH Egons & Susanne Tons, Ann Arbor, MI Louis Vosteen, Williamsburg, VA Benjamin Wai, Sandy, UT James & Carol Walsh, San Diego, CA Stephen & Lori Wanders, Centerville, OH Kenneth & Martha Warrick. Wheaton. IL Wilson & Janet Warrick, Celina, OH Keith Weisenberger, Westfield, IN Sharon & Max Whitlock, Frankfort, IN Rolland & Virginia Wilkening, Sarasota, FL James Wooten, North Little Rock, AR Bryan Youker, Philomath, OR Teresa Zager, Milwaukee, WI

### » Up to \$250

Mikelis Abuls, Brookfield,WI Nicole & Mark Adams, Sedalia, CO Renwick Adams, Clarinda, IA Aavo & Monika Agur, Greenbrae, CA Sunday & Mary Aiyejorun, Stone Mountain, GA Daniel & Susan Akin, New Carlisle, IN Christopher Allen, Marietta, GA Elliott Allen, South Bend, IN Michael Allenspach, Sugar Land, TX Charles & Marcia Alles, Evansville, IN David Alspaugh, Saint Louis, MO Marc & Gretchen Alston, Evergreen, CO Corrado Amato, Paramus, NJ William & Denise Ambry, Hammond, IN Joseph & Sharon Amlung, Indianapolis, IN Praveen Anand, Carmel, IN David & Eleanor Anderson, State College, PA Taylor & Elizabeth Anderson, Suwanee, GA Nils Anderson, Marshfield, MA Neal Anderson, Grayslake, IL Valerie Andres, Franklin, TN Steven & Leisa Anslinger, Cincinnati, OH Roger Aoki, Honolulu, HI Alfred & Florence Aragaki, Pearl City, HI Dana & Russell Arakaki, Kailua, HI Jacqueline Arcaris, Denver, CO Veljo Areng, Wheaton, MD Shahin Ariaey-Nejad, Wappingers Falls, NY Gregory & Ann Armbruster, Lexington, KY Gary Arnold, Oak Ridge, NC Neeraj Arora, Aurora, IL James Ashburn, West Covina, CA Anthony & Lisa Astrouski, Tucson, AZ

Mark Atwood. Northfield. VT Karlis Augenbergs, Carmel, IN Richard Aupperle, Marcellus, NY Norman Austin. West Chester, OH Christopher Ayers, Pickerington, OH Thomas & Marilyn Aylward, Sandusky, OH Deeb Azar, South Bend, IN Jonathan Babcock, Danville, IN Royden Bair, Houston, TX Richard & Mary Ball, Falls Church, VA Jeffrey Ballard, Indianapolis, IN Robert Balmer, Califon, NJ Jeffrey Bane, Rochester, IL Josiah & Janis Banet, Maitland, FL Edgar Banks, Fort Worth, TX Richard Barksdale. Atlanta. GA David Barna, Cleveland, OH John Barr, Tallahassee, FL I. Gene Barrett, Anderson, IN Wendy Barrott, Grosse Pointe Woods, MI David Barry, Fremont, IN Barry Barsh, Marietta, GA Paul Basgall, Saint Louis, MO Robert & Heidi Bash, Granger, IN Adrian Bastianelli, Alexandria, VA Joel Bates, Houston, TX Thomas & Kathleen Batke, Roswell, GA Russell Batzel, Creve Coeur, MO Lynn Bauer, La Porte, IN Paul & Joan Baumgartner, Saginaw, MI Kyle Beasley, Georgetown, IN Robert & Tommye Beavers, Muncie, IN Joseph & Charlene Beck, Bradford Woods, PA James Bednar, Dublin, OH Todd Beers, Highlands Ranch, CO Adam Beery, Indianapolis, IN David & Beth Beeson, Fortville, IN Dean & Diane Behnke, Owensboro, KY Donald & Suzanne Belbutowski, Pawlevs Island, SC Karen Bell, Indianapolis, IN Nathan Bell, Central, SC Joseph Bellanca, Duluth, GA David & Cynthia Belloli, Fishers, IN Laurie & Robert Bellucci, Indianapolis, IN Joseph & Danielle Bement, Seattle, WA Paul & Connie Bender, Brookston, IN John & Karen Bercot, Fort Wayne, IN William & Paula Berg, Madison, WI Wayne & Debora Bergstrom, Midland, MI Harvey Berliner, West Windsor, NJ Cruz Bernal-Albano, Park Ridge, IL Michael Bernauer, Springboro, OH Mark Bernhardt, Columbus, OH Donald Biggs, Vincennes, IN Robert Billman, Pepper Pike, OH Robert & Patricia Blickwedehl, Orchard Park, NY John Blottman, North Andover, MA Paul Blue, Washington DC Theodore Blum, Findlay, OH William Boardman, Plano, TX Roger & Waneta Bock, South Bend, IN Sharon Boda. La Salle. IL Scott Boerke, Morton, IL Nihal Bohra, Princeton Jct, NJ Cynthia Boley, Evanston, IL Jonathan Borchelt, Reston, VA Scott Borchert, Chicago, IL David & Eileen Bortner, Bristol, IN David & Charlene Boss, Dallas, TX Terry & Rebecca Bough, Vincennes, IN David & Patricia Bowman, Dublin, OH J. C. Boyers, Olathe, KS James & Alice Boyle, Indianapolis, IN Kevin & Karen Boyle, Elmhurst, IL Robert Bradford, Springfield, IL David & Christina Bragg, Parker City, IN Jerald Brand, Rockport, IN

William & JoAnne Brandt, Zionsville, IN Benjamin Braun, Fishers, IN Frank Brechting, Muskegon, MI Lee Bricker. San Antonio. TX George & Jean Briggs, Maple Valley, WA James Brighton, Woodbridge, VA Robert Brinn, Plano, TX Russell Brittain. Fishers. IN David Brown, Birdsboro, PA Henry Brown, Indianapolis, IN Darrick Brown, Chicago, IL Carol & Gregory Brown-Holthouse, Wildwood, MO Joe Broz, San Jose, CA Gregory Brubaker, Nashville, TN Roy Bruce, Raleigh, NC D. Eric & Norma Brunn, Columbus, IN Michael & Kelly Bruns, Cincinnati, OH Stuart & Toni Bryant, Libertyville, IL Raymond Buckel, Beaverton, OR Richard Bucknam, Maple Grove, MN Kenneth & Nada Buczek, Crown Point, IN Robert Buerer, Arlington Heights, IL Michael Buettner, Lima, OH Thomas & Gail Buick, Tempe, AZ Thomas Bulcher, Powell, OH David Burchard, Fishers, IN Jeffery Burda, Westmont, IL Martin Burke, Lombard, IL Lee Burneson, Westborough, MA Murray Burnette, Huntsville, AL William Burton, Los Alamitos, CA John Buse, Hampton, VA Richard & Lois Butler, South Bend, IN John Butler, Duluth, MN Bradley & Jodi Butler, Westerville, OH Raymond Butt, New Carlisle, OH Brent & Shahara Byford, Chicago, IL Karen & Randall Byrne, Katy, TX Terry Byrns, Seymour, IN Clark Byrum, Indianapolis, IN Christopher Cailles, Evanston, IL John Calacci, Orland Park, IL Anthony Calderon, Marlborough, MA John & Julie Campbell, Louisville, KY Donald Campbell, Seal Beach, CA Rodolfo Canales, Washington DC Bruno Canzian, Greenfield, IN Wayne & Terri Carbiener, Orlando, FL James Cargile, Vicksburg, MS Jon Carlson, San Antonio, TX Brian & Jennifer Carlson, Vancouver, WA Richard Carlson, Rockaway, NJ Jeffrey & Kathy Carlton, Nazareth, PA Benjamin Carnahan, Indianapolis, IN Randall Carpenter, Orlando, FL Donald & Julie Carpenter, Farmington Hills, MI James & Carolyn Carpenter, Seattle, WA Guthrie Carr, West Lafayette, IN Ryan Carris, Clarendon Hills, IL Joseph Carroll, Evans, GA Stefanie Cassin, Yorktown Heights, NY Bryan & Catherine Catlin, Clayton, IN Harvey & Phyllis Ceaser, Walnut Creek, CA Beth Cerrone, Milwaukee, WI Thomas Chance, Lafayette, LA Aleksandra Chancy, Purchase, NY Lowell Chapin, Bowling Green, OH William & Shirley Chappell, Grand Haven, MI Robert & Virginia Chasteen, Saint Cloud, FL James Cheatham, Mechanicsburg, PA

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Chien-hao Chen, Alhambra, CA

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Richard & Ramona Hockema, Florence, KY

Morris Hoevel, Okemos MI Dax Hoff, Newbury Park, CA Robert Hoffman, Albuquerque, NM Robert & Mary Hoffman, Rancho Mirage, CA Kevin Hoffman, Downers Grove, IL Larry Hofmockel, Englewood, CO Thomas Hohman, Plainfield, IN Gregory & Vicki Holden, Bremen, IN Robert & Roberta Holden, Carmel, IN Karl Holloway, Kettering, OH Donald Honner, Waterville, OH William Hoops, Monroe City, IN Mark & Nancy Horne, Holland, MI Christopher Horsley, Indianapolis, IN Timothy Hotz, Pleasant Hill, CA James & Beatriz Houmard, Akron, OH Gordon Houston, Fort Lauderdale, FL Joe Howard, Fresno, CA Phillip & Barbara Howard, Greenwood, IN Jason Howard, Indianapolis, IN James Hoy, Bellevue, WA Michael Huber, Akron, OH James & Rosemary Hubler, Whittier, CA Fred Hudson, Auburn, AL Gayle Huebner, Green Bay, WI George & Patricia Huensch, Chicago, IL David & Lisa Huffman, Fishers, IN Daniel & Wendy Hughel, Knoxville, TN Ronald Hull, Wyoming, OH Marlan Humerickhouse, Cantonment, FL Dana Humphrev. Palmyra. ME Max & Marian Hunter, Mooresville, IN Donald & Julie Inman, Cincinnati, OH Wallace & Michelle Irmscher, Muskegon, MI D. Thomas Iselev. Greer. SC Dale & Joanna Jacobs, Carmel, IN Allen & Aimee Jacobsen, Lafayette, IN Jimmy & Mary Jacobson, Woodbridge, CA Michael & Karen Jankowicz. Hobart. IN Stacy Jansen, Orlando, FL Kenneth Jansing, Monroe, MI James & Kathryn Janz, Atherton, CA David & Bonnie Jessup, Denham Springs, LA James Jessup, Excelsior, MN Mark Johanningsmeier, Fort Wayne, IN Ilo & Nanny Johanson, Fishers, IN Guy & Diane Johnson, Elkton, MD Steven & Jeanne Johnson, West Lafayette, IN Mark & Suzanne Johnson, Seattle, WA Anthony & Vicki Jones, Indianapolis, IN Scott Jones, Indianapolis, IN David Jordan, Indianapolis, IN James & Jennifer Justus, Simpsonville, SC Jimmy & Lisa Justus, Galesburg, IL Joseph Kadow, Bolingbrook, IL Robert Kain, Foster City, CA Thomas & Kathryn Kaiser, San Diego, CA Timothy & Julie Kanzelmeyer, Ypsilanti, MI Mark Kapouralos, Southlake, TX Charles Kapplinger, Farwell, MI William & Elizabeth Kasak, Clearwater, FL Paul Kassouf, Mount Pleasant, SC Gary Kautzmann, Orefield, PA Mustafa Kavvas, Davis, CA James Keefer, Fort Wayne, IN Walter & Donna Kegebein, White Lake, MI D. Mark & Carol Kelly, Schererville, IN Sean & Jenelle Kelsch, Kentwood, MI Robert Kelsheimer, Clermont, FL Thomas & Pamela Kempen, Arlington, TX Geraldine Kemper, Lawrenceburg, IN Steven Kennedy, Carmel, IN Jeffrey Kennedy, Mansfield, OH Gary & Linda Kent, Zionsville IN William & Laura Kepler, Golden, CO Eugene & Patricia Kerckaert, Peoria, AZ Larry & Diane Kerkhove, League City, TX

Mark & Jane Greenwood, Granville, OH

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Association, South Bend, IN

Section, Indianapolis, IN

Indianapolis, IN

Indiana Chapter American Public Works

Indiana Electric Association, Indianapolis, IN

Institute of Transportation Engineers Indiana

Indiana Society of Professional Land Surveyors,

## In Memorium

### 1920'S »

Bruce L. Craig (BSCE '23), Louisville, KY
Gerald L. Houze (BSCE '25), Cheswick, PA
Preston W. Loveland (BSCE '27), Jeffersonville, IN
Harold B. Hollis (BSCE '28), Springfield, IL
Harry G. Kemmer (BSCE '28), Mansfield, OH
M. Thurston Ward (BSCE '28), Washington, MI
George M. Willard (BSCE '29), Sun City, AZ
John H.Matthews (BSCE '25/MSCE '29),
West Lafayette, IN

### 1930'S ›

Clifford L. Gough (BSCE '30), New Castle, IN Jack D. Milstead (BSCE '30), Irvine, CA Walter C. Chapman (BSCE '31), Merrillville, IN Robert M. Wigton (BSCE '31), Marietta, OH Calvin R. Clauer (BSCE '32), South Bend, IN Dana L. Hannan (BSCE '32), Indianapolis, IN Leonard Siang-Hu Huang (BSCE '32), Fast Brunswick NI

Chauncey Hubert Ladd (BSCE '32), Hudson, WI Kazuichi Hirose (BSCE '33), Keaau, HI Bert G.Luring (BSCE '33), Troy, OH Robert R. Henry (BSCE '34), Kirkwood, MO Robert M. Seward (BSCE '34), Glen Arbor, MI Howard U. Keenan (BSCE '36), Sun City Center, FL Lawrence Rowan (BSCE '39), Naples, FL Pierce W. Davis (BSCE '39), Suquamish, WA Franklin C. Moses (BSCE '39), Frankfort, IN William H. Reininga (BSCE '39), Woodridge, IL James E. Hess (BSCE '39), Ivrington, VA

### 1940'5 >

Leroy F. Greene (BSCE '40), Carmichael, CA David L. Brubeck (BSCE '41), Sarasota, FL Max L. Norris (BSCE '41), Shelton, WA John M. Switzer (BSCE '41), Spring, TX William J. Neff (BSCE '41), Kansas City, MO Carl J. Herbold (BSCE '42), Sun City, CA Jean E. Hittle (BSCE '42, MSCE '47), West Lafavette. IN

James S. Love (BSCE '42), Central Point, OR Warner Ohman (BSCE '42), Green Valley, AZ Anders O. Hustvedt (BSCE '42), Clio, MI Edwin W. Johnson (BSCE '42), Evansville, IN Russell R. Poynor (MSCE '43), Geneva, IL Herbert F. Zinsmeister Jr. (BSCE '44), Tucson, AZ Walter Bung Sin Lum (BSCE '45), Honolulu, HI Robert R. Whitesell (BSCE '45), Hagerstown, MD Edwin D. Kelb (BSCE '45), Carmel, IN Bruce R. McFadden (BSCE '45),

### North Manchester, IN

James H. Steele (BSCE '47), Port Charlotte, FL Harold K. Taylor (BSCE '47), Gold River, CA John W. Clark (BSCE '46, MSCE '47), Pittsburgh, PA

Jean E. Hittle (BSCE '42, MSCE '47, West Lafayette, IN

Loren H. Gibson (BSCE '48), Ogden, UT Ralph C. Mullinnix (BSCE '48), Indianapolis, IN John K. Zimmerman (BSCE '48), Carlisle, PA Sterling L. Bugg (MSCE '48), Carlisle, PA Richard A. Overmyer (MSCE '48), Cleveland, OH Eugene J. Chudzynski (BSCE '49), Rochester, IN John Hawkins (BSCE '49), De Ruyter, NY John A.Elleman, Jr. (BSCE '49),

Shelby Township, MI

Albert G. Hopping (BSCE '49), Aurora, IN Domenic J. Massimilian (BSCE '49), Loudonville, NY

Dorothy Ray (BSCE '49), Worthington, OH William H. Sprang (BSCE '49), Colleyville, TX George F. Scantland, Jr. (BSCE '45), Marion, OH

### 1950'S »

Robert B. Carroll (BSCE '50), Plainwell, MI Moses A. Dilts (BSCE '50), Gary, IN Russell Grant Hayes (BSCE '50), Englewood, FL Harold C. Jeppsen (BSCE '50), Weatherly, PA William J. Orlandi (BSCE '50), Vero Beach, FL Roger E. Colbert (BSCE '51), Orlando, FL Francis J. Mindrup (BSCE '51), Lewes, DE
William A. Mulcahy Jr. (BSCE '51), Scottsburg, IN
Paul J. Piscotta (BSCE '51), Trenton, NJ
Robert O. Schaeffer (BSCE '51), Rock Island, IL
Carl E. Wachtstetter, BSCE '51), Clute, TX
Frank H. Wood (BSCE '51), Paris, TN
Edwin Wetterstrom (MSCE '47), Edmond, OK
Edward C. Fox Jr. (BSCE '52), Michigan City, IN
Chris J. Angelidis (BSCE '53), Bradenton, FL
Ellis E. Dayton (BSCE '53), Washington, IN
Byron T. Jones (BSCE '53), Fort Wayne, IN
John A. Sbarounis (BSCE '51, MSCE '54),
Chicago, IL

Thomas W. Marshall, III (BSCE '55), Haverford, PA George R. Pence (BSCE '55), San Jose, CA William J. Mahrenholz (BSCE '56),

Saint Simons Island, GA

Duncan D. McGregor (MSCE '56), Chesterfield, SC William F. Jopling (BSCE '57), Concord, CA Clifford H. Kajiwara (BSCE '57), Cerritos, CA John R. Peckham (BSCE '57), Mill Valley, CA Ebenezer O. Anene (BSCE '58),

Awka Town Anambra State, Nigeria John L. Eastes Jr. (BSCE '58), Plant City, FL Harry L. Patterson (MSCE '58), Lansing, MI Jerold L. Fischvogt (BSCE '59), Versailles, IN

### 1960'S »

H. Gordon Larew (MSCE '51, PhD '60), Charlottesville, VA

Ralph P. Schlenker (MSCE '63), Gettysburg, PA William N. Harvey (BSCE '62, MSCE '64), Canal Fulton, OH

Edward J. Tate (BSCE '67), South San Francisco, CA William L. Stabler (BSCE '69), Albuquerque, NM Harold E. Taggatz (MSCE '69), Center City, MN

### 1970'S »

Donald H. McDonell (BSCE '74), Louisville, KY Kenneth C. Black (MSCE '74), Florissant, MO William A. Cutter (BSCE '70, MSCE '74), Indianapolis. IN

### 1980'S »

Michael Paul Rohleder (BSCE '79, MSCE '80), South Bend, IN

Robert G. Flannery (BSCE '48, HDRCE '85), Hillsborough, CA

### 1990'S »

James VanEtten Lemp (BSCE '90), Houston, TX 2000'S »

John Andrew Doyle (BSCE '03), Sellersburg, IN

### FRIENDS »

William K. Beatty, Evanston, IL Robert J. Bodeman, Florence, NJ Charles T. Borchelt, New Castle, VA Robert E. Boyce, Sparks, NV Arnold V. Culver, North Webster, IN Andrew W. Day, Jr., Washington, IN Carolyn J. Doyle, Indianapolis, IN Mildred Fehsenfeld, Indianapolis, IN Fred C. Fettinger, Waukegan, IL Reubin N. From, Sun City West, AZ Patrick P. Gehl, LaQuinta, CA Robert H. Hilker, Rancho Santa Fe, CA Paul Klieger, Northbrook, IL Sara-Ann Lance, Pittsburgh, PA Liselotte Leonhardt, D 70192 Stuttgart Norman D. Lugar, Lisle, IL Bryant Mather, Jackson, MS Joe D. Miles, Loma Linda, CA Maxwell A. Miles, Germantown, TN Norma I. Niles, Haines City, FL Harold S. Pawlan, Palm Harbor, FL Robert F. Seeburger, Carmel, IN Hubert B. Shackleton, Pine Village, IN Paul E. Sowers, Albuquerque, NM Alfred J. Steffen, West Lafayette, IN Robert G. Werden, Jenkintown, PA Joan F. Wilhite, Clayton, MO

The School of Civil Engineering Scholarship and Awards Ceremony was Held on May 1, 2003 in the CE Building.

Many students received scholarships, fellowships and awards. Faculty members were also recognized for awards they received that are voted on by the student body.

- The Civil Engineering Awards Committee Chairperson, Professor Tim Whalen, was the Master of Ceremonies. Dr. Mannering congratulated each recipient.
- Donors present were Mrs. Pai Tao Yeh, Mrs. Dorothy Goldberg, Mr. James DePhillips, Mr. Gui DeReamer, (representing Greeley and Hansen) Professor Emeritus Bob Miles, Professor Emeritus Leonard Wood, and Professor Emeritus Jacques Delleur. Faculty and staff members were also on hand to congratulate the awardees.
- A reception followed with refreshments.
- Some highlights of the event are shown on the next few pages.



Professor Jacques
Delleur with
Jack Chan,
Heather Finfrock
and Andy Selle,
recipients of
the JACQUES W.
DELLEUR AWARD.

Tim Healy received the DON E. BLOODGOOD MEMORIAL AWARD.

Heather Finfrock honored by receiving the GERRIT H. TOEBES MEMORIAL AWARD.

Ryan Huebschman received the ELDON J. YODER MEMORIAL AWARD.



Rebecca Riano and Isaac Wait received the MATTHEW EDWARD KERN ENVIRONMENTAL ENGINEERING SCHOLARSHIP/ FELLOWSHIP.



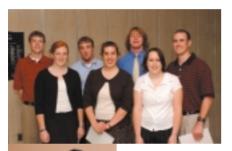
CHARLES A. MILLER
CE SCHOLARSHIP
awarded to
Brandon Celaya
(L) and David Konz
(R). Brandon,
David and Jason
Beck (center) also
received the ACI
SCHOLARSHIP.





CE/LSE students
receive awards.
Front: Luke
Jahn—JOHN G.
MCENTYRE
ENDOWMENT
SCHOLARSHIP and
the MARGARET
CUNNINGHAM

MEMORIAL SCHOLARSHIP. Amanda Askren—FACULTY RECOGNITION AWARD, Devin Keeler—JUD AND BETTY ROUCH LAND SURVEYING SCHOLARSHIP. Back: Brian Nelson—FALK PLI SURVEYING SCHOLARSHIP, Matthew Knoy—MARGARET CUNNINGHAM SCHOLARSHIP, Brad Eckerle—FACULTY RECOGNITION AWARD, Alan Smaka—OUTSTANDING SENIOR.



TONY CLARK
SCHOLARSHIP
Lindsay Miller,
Laura Jacobs,
Teresa Dallinger,
Matthew Pierce,
Guy Mazzotta,
David Delong,
and Daniel
Calabrese

(not shown: Shelley Finnigan, Rebecca Lattyak and Joshua White)



O. M. AND VIRGINIA FOXWORTHY SCHOLARSHIP Yosephine Kie and Lindsay Miller (not shown: Jennifer Bain)



CE SCHOLARSHIP
Guy Mazzotta,
Matthew Kilgour,
Laura Jacobs,
Jessica Squires,
Tim Healy,
Matthew Speicher,
Jason Beck
(not shown: Aaron Evans)

ALBERT J. HORTH
MEMORIAL
SCHOLARSHIP
ENDOWMENT
Virginia Christian,
Teresa Dallinger,
Kathryn CrabtreeNeer, Jesse
Valencourt, Dan

Calabrese, Tim Aldridge, Elijah Welch

ROBERT D. AND MARGARET J.

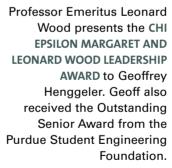
MILES CE SCHOLARSHIP
Presented to Jennifer Baran
by Professor Emeritus
Robert Miles.



Jarvis Jointer received the MAMON M. AND CYNTHIA R. POWERS ENGINEERING SCHOLARSHIP

(not shown: Darnell McCoy)

ROY E. AND MYRNA WANSIK
CE/CARY QUADRANGLE
SCHOLARSHIP
Jesse Valencourt and
David Delong











Gui DeReamer (center) of Greeley and Hansen presented the GREELEY AND HANSEN ELMER F. BALLOTTI FELLOWSHIP to Doug Lane and Naressa Cofield.

(not shown: Shannon Manoulian and William Schneider)

JULIE E. DEPHILLIPS SCHOLARSHIP Mr. James DePhillips presents to Katherine Graham.



Naressa Cofield received the MARTHA DICKS STEVENS AWARD.



ROSS FELLOWSHIP
Lili Akin
Xuejun Li
Bhupesh Mital
Alexander Paz
Dawn Whitaker

Jonathan Hoeltke was presented the JOHN E. GOLDBERG FELLOWSHIP by Mrs. Goldberg.



PURDUE FELLOW

Zakia Parrish

Justin Sampson

LYNN FELLOWSHIP Sybil Sharvelle Kelly Pennell

ANDREWS FELLOWSHIP
Isaac Wait
Jen-Yu Han

GENERAL ELECTRIC FACULTY FOR
THE FUTURE FELLOWSHIP
Jhon Paul Smith

GRADUATE SCHOOL SPECIAL INITIATIVE FELLOWSHIP
Alida Teresa Rodriguez

JOSEPH P. CHU
FELLOWSHIP
AWARD
Xihong Zhai,
Surabhi
Sharma,
Nathan Haws
(not shown:
Nandita Basu)



### Other Scholarships Awarded

GREENBERG SCHOLARSHIP Khai Leong

KLEASEN FRESHMAN SCHOLARSHIP FOR PRE-CIVIL ENGINEERING STUDENTS Lauren E. Hurst Darnell McCoy

HAROLD E. REIN SOCIETY OF AMERICAN MILITARY ENGINEERS SCHOLARSHIP Joseph Valintis Jonathan Lauer

JOHN R. BLANDFORD MEMORIAL AWARD
Juan Carlos Ramirez

ENVIRONMENTAL HONOR AWARD Man Shi Low

MARTIN J. GUTZWILLER MEMORIAL SCHOLARSHIP John M. Mayer George Daniel Williams

AISC/INDIANA FABRICATORS ASSOCIATION SCHOLARSHIP Mark Frossard

EDWARD J. COX MEMORIAL TRANSPORTATION SCHOLARSHIP Jessica LeRoy Stacey Hodge

BEVON B. AND MARGARET WARD LEWIS SCHOLARSHIP Brent E. Giesen Phillip J. Hurst Thomas Konopka Rebecca M. Lattyak

### CHAPPELLE FELLOWSHIP Alison Dolejs Troy Larkins Matthew Cushman

### **OUTSTANDING SENIOR AWARD -**

Graduate Purdue Student Engineering Foundation Sravanthi Konduri



EDGAR B. OLSON
FELLOWSHIP awarded to Joan O'Brien and David Geier.



Rahul Sinha received the WILLIAM L. WOOD JR. FELLOWSHIP

### **Teaching Assistant Awards**



ESTUS H. &
VASHTI L.
MAGOON
OUTSTANDING
TEACHING
ASSISTANT
AWARDS
From Left:
Dimitrios
Loukids,

Chiung-Shiuan (Sherry) Fu, David J. Mehl, James Swift, Andrew Nichols

NELLIE MUNSON OUTSTANDING TEACHING ASSISTANT AWARDS Chad Fox Aaron Braun



### THE UNDERGRADUATE OFFICE INSTITUTED CE AMBASSADORS, a new student group, in 2002-03. The mission of this group is to provide student support for the School in fostering relationships with alumni, parents, prospective students, existing students, faculty and the general public. This is accomplished by Ambassadors' participation in a variety of University and School events that are coordinated through the Under-graduate Office. Assignments might include providing building tours to guests, sitting on discussion panels or greeting visitors at open houses and information fairs. Membership is for an academic year and is by

Front left: Jennifer Baran, Lindsay Miller, Jessica LeRoy, Amanda Askren, Devin Keeler, Jonathan Hoeltke, Tim Aldridge. Back Left: Thomas McQuillan, Jason Beck, Jonathan Lauer, Matthew Speicher, Geoffrey Henggeler and Timothy Pieplow (not shown: Jennifer Bain, Joshua Cackley, Lister Carbon, Brent Cody, Geoffrey Dauksas, Christina Hoy, Charles Hutton, Jarvis Jointer, Clem Kuns, Dana Lawrence, Matthew O'Callaghan, Parker Snyder, Elizabeth Steinbrenner, Joseph Valintis and Melanie Williams)

invitation only.

If you are interested in establishing a Scholarship in the School of Civil Engineering, please contact Jim Brehm, CE Director of Development, at 765.494.2236





"The ever-increasing need for highly trained engineers will require a significant investment for us all to ensure the ability to meet the challenges of the 21st century. I am fortunate that the Elizabeth & Stephen Bechtel Jr. Foundation has the means and now the opportunity to support Purdue's effort to fulfill this mission."

Stephen Bechtel Jr. "

Stephen Bechtel Jr. »

BSCE 1946,

Honorary Doctorate 1972,

Chairman Emeritus

**Bechtel Corporation** 

THE CAMPAIGN FOR PURDUE—CIVIL will enable the School of Civil Engineering to continue its tradition of excellence and fulfill its promise to become the nation's top civil engineering program. The school's success depends upon the contributions of all of its stakeholders—corporate partners, faculty, students and their parents, state and

national constituents, and all 11,000 alumni. We invite you to contact us as you consider joining us in the effort to achieve our goals.

There are many ways for you to contribute to The Campaign for Purdue—Civil. You can increase your current levels of annual giving or make an outright gift, such as cash, property, gifts-in-kind, or appreciated securities. You can make a planned gift or a multi-year pledged commitment. Deferred gifts can have significant tax and planning benefits for you and your family. If you choose to establish an endowment, your gift will be invested in perpetuity and the annual income generated will be used to support the University needs you selected. Your gift

can be targeted to a certain area, or it can be unrestricted, a fund which allows the school to seize and participate in new opportunities.

Every donation from our alumni and friends is crucial to achieve our vision. Every gift counts and will make a difference. For more information about your opportunity to be a part of the school's pursuit of excellence, please contact:

### Fred Mannering

Professor and Head
765.494.2159
flm@ecn.purdue.edu

James D. Brehm
Director of Development
765.494.2236
School of Civil Engineering
550 Stadium Mall Drive
West Lafayette, Indiana 47907-2051

School of Civil Engineering Campaign Goals
July 2000 through June 2007

» Total Support Sought

» Student Support	\$5.1 million
» Faculty Support	\$10.2 million
» Programs and Centers Support	\$2.4 million
» Facilities Support	\$10.2 million
» Unrestricted Gifts	\$5.8 million

PURDUE

\$33.7 million