First Olson Distinguished Professor Named

The Purdue Board of Trustees has named Kumares C. Sinha, director of the Joint Highway Transportation Program and head of Transportation and Infrastructure Systems in the School of Civil Engineering as the first Edgar B. and Hedwig M. Olson Distinguished Professor of Civil Engineering. The funding for this civil engineering professorship was established by Edgar B. Olson, BSCE ’51 and Hedwig Olson, MS ’54. Mr. Olson was chairman of the board and past president and owner of Kettelhut Construction Co., Inc., Lafayette, Indiana.

Dr. Sinha received his doctorate in transportation engineering from the University of Connecticut and has been on the Purdue faculty since 1974. He has over 34 years of experience in teaching, research, and professional practice in transportation engineering and management. He has authored or co-authored more than 250 technical publications. In 1980 he was a visiting professor at MIT and at Roorkee University in India in 1981.

Dr. Sinha has been the recipient of numerous awards for his contribution to civil engineering.

— by Lois Rans

School mourns loss of Emeritus Professors John M. Hayes and William L. Dolch

John M. Hayes, professor emeritus of structural engineering, passed away on February 23, 1998, at age 88. Professor Hayes taught at Purdue from 1948 to his retirement in 1975, though he remained active as the Purdue Student Chapter of ASCE contact member up to his death. We will miss John’s special way he greeted people - a tip of the hat, or his endless supply of “civil engineering literature,” or his hello in a multitude of foreign languages. More on Professor John Hayes on page 11.

William (Bill) L. Dolch, professor emeritus of engineering materials, died July 6, 1998, after an extended illness.

Help today’s CE students by remembering those who helped you.

You will find on the inside back cover an opportunity to show your appreciation for the wonderful teachers and mentors at Purdue. In this issue of Transitions and in the Winter 1997 issue, we reported that six of our faculty have died in the last two years. Their service at Purdue covered the periods from 1946 to 1998.

Check on page 26 to learn about the Memorial Funds that have been established in the School of Civil Engineering by their families to help improve the opportunities for civil engineering students.
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School Develops Strategic Plan

The past year has been full of excitement. With significant input from faculty and our Advisory Council, we completed a draft Strategic Plan for the School. (Because we consider it to be a dynamic document, it always will be a draft.) Our vision is for the School to have unrivaled impact on civil engineering worldwide.

Two interactive task forces are making progress on the first two goals. Their work is especially challenging because engineering criteria from the Accrediting Board for Engineering and Technology is fundamentally different from previous accreditation criteria. The old criteria was process based whereas the new criteria is outcomes based. This difference is similar to the difference between “method specs” and “performance specs” in engineering practice.

The third goal is important because the stature of the School is many times benchmarked on the accomplishments and leadership of people who receive graduate degrees.

The fourth goal, recruiting and retaining quality students, is of ever increasing importance for both the undergraduate and graduate programs. High school students today are less inclined to choose professions like engineering for their careers than students of previous generations. You can help with this one by visiting local high schools to help counselors and teachers stimulate interest in engineering as a career. The demand for engineers in the workplace is so great that many graduates, who once might have considered going for a graduate degree, are going directly into the workforce. Many expect to continue their education on a part-time basis.

Last year, the ASCE Board of Directors approved a motion to “support the concept of the master’s degree as the first professional degree leading to the professional practice of engineering.” The whole civil engineering education community is looking at this and determining how we should respond and how this might be implemented. I will be participating in an ASCE Committee to examine this issue more deeply and look for ways to implement it.

Professor Julio Ramirez was recently named director of Graduate Studies for the School. He brings tremendous energy and enthusiasm to the task of recruiting graduate students. Thanks to the late Edgar Olson and his wife Hedy, we have some substantive graduate fellowships to attract quality students to our School.

Professor Ernest (Chip) Blatchley led an effort to the U.S. Department of Education to continue funding Ph.D. degree fellowships for Graduate Assistance in Areas of National Needs. More government and private support like this is needed as we stay positioned at the top among peer institutions.

This past year, the University Board of Trustees approved a “Differential Engineering Technology Fee.” This $100 fee is added to regular tuition and fees paid by students enrolled in engineering at Purdue. In July, we received more than $90,000 for use in the 1998-1999 school year for undergraduate lab equipment and support. Several labs have already been upgraded. With a continuation of these funds and generous gifts from our alumni, friends, and corporate supporters, our students will continue to have exceptional educational experiences, and we will realize our vision of unrivaled impact.

Last summer we completed renovations of approximately half of the environmental engineering laboratories on the third floor. Our appreciation goes to Professor Chad Jafvert, who led the faculty and staff effort to secure a grant from the National Science Foundation for this work. Purdue University had to match the NSF funds, one for one. Let me thank all of you who assisted us in meeting this match by your gifts to civil engineering. We also just completed renovations to a portion of the hydraulics laboratory where the rainfall simulator used to be, and now we have quality space for the undergraduate hydraulics course, CE 340 (remember it?). Other renovations included the Global Positioning Laboratory in the old Photographic Lab area of our building.

This is an exciting place! I could go on describing all the neat and wonderful things that our faculty, staff, students, and alumni are doing. Many of them are reported in this issue of Transitions. We are especially proud of Dr. Delon Hampton, P.E., who was elected to the position of president elect of ASCE. Shortly after the election, he visited Purdue, spent time with the student members of our Student Chapter, and gave the luncheon address at the Civil Engineering Professional Development Seminar that is cosponsored by our School and the Indiana Section of ASCE. I invite you to visit with us during Gala Week, at Homecoming, or whenever you are in the area to see firsthand these wonderful things and the changes that have taken place.

We appreciate the interest and support of our alumni and include their accomplishments in our vision for unrivaled impact worldwide.

Best regards,

Vince Drnevich
Darcy Bullock joined the School as an associate professor in January 1998 in transportation engineering. He received a B.S. in Civil Engineering from the University of Vermont in 1987, a M.S. in 1988, and a Ph.D. in 1992 in Civil Engineering from Carnegie Mellon University. Bullock is a registered professional engineer in the states of Louisiana and Indiana. Prior to joining the Purdue faculty, he was an associate professor in the civil engineering department at Louisiana State University.

Bullock's teaching and research interests are in the general area of Intelligent Transportation Systems (ITS). Over the past several years he has been involved in developing the hardware and software architecture for the next generation of ITS traffic signal controllers. He is currently working on several sponsored projects involving real-time traffic signal systems.

Adam Hand joined the School in August as an assistant professor. He received his Ph.D., MSCE, and BSCE from the University of Nevada, Reno, where he also held an administrative faculty appointment as a research engineer.

His specific area of interest is in transportation materials. When the Western Regional Superpave Center (WRSC) was established, he led Superpave performance test equipment shake down and ruggedness testing efforts. He performed multiple Superpave mix designs and forensic analyses through the Center. Hand also delivered multiple training courses in both Superpave binder and volumetric mix design.

Hand's initial involvement in the $14.5 million FHWA WesTrack project was in conventional and Superpave mix design efforts. Subsequent to that phase of the project, he was asked to take responsibility for HMA process control operations during construction and rehabilitation, and quality assurance and material characterization after construction.

He and his wife Wendy have three children, Cody, Lindsey, and Chelsey ranging in age from seventeen months to five years.

Jie Shan joins the School beginning in January 1999. Dr. Shan received his B.Sc. and M.Sc. in 1982 and 1985 from Zhengzhou Institute of Surveying and Mapping in Zhengzhou, China. In 1989 he obtained his Ph.D at Wuhan Technique University of Surveying and Mapping, Zhengzhou, China. From 1989 to 1994 he worked as assistant professor, associate professor (since 1990) and senior research director at Zhengzhou Institute of Surveying and Mapping. As an awardee of Alexander-von-Humboldt Foundation, he spent two years (1995-1996) doing intensive research at Stuttgart University, Germany. Before joining Purdue, Dr. Shan was a senior lecturer at the University of Gävle, Sweden.

Dr. Shan's research experience has been precise point determination by integrating heterogeneous geomatics measurements, digital mapping from aerial as well as satellite imagery, semi-automatic terrain model and geographical feature extraction from digitized images, and photogrammetry for ocean topography. His current research interests are geometric modeling in computer vision and photogrammetry, automatic geospatial information extraction by data fusion, and visualization of 3-D geographical information, particularly in the Web environment.

He is married to Jijun Lei and father of 5-year-old son XinXin.

Correction: In the last issue, new faculty member Antonio Bobet was listed incorrectly. Bobet is an assistant professor in geotechnical engineering.
Professor Mete A. Sozen, Kettelhut Distinguished Professor, received the 1998 Lifetime Achievement Award from the Illinois Section of the American Society of Civil Engineers.

A Steel Design Handbook with a chapter contributed by Professor W. F. Chen, Goodwin Distinguished Professor, and his former student, Dr. J. Y. Ricard Liew, won the 1997 highest award of excellence given by the Association of American Publishers to McGraw-Hill.

The Civil Engineering Handbook edited by Professor Chen and contributed to by Purdue faculty and former students, published by the CRC Press in 1995, will be translated/reprinted in India in. The handbook is the winner of the “Choice Outstanding Academic Book Award” for 1996-Choice Magazine.

Professor Chen was inducted as a new honorary member of the American Society of Civil Engineers. Professor Chen has been elected as an Academician of Academia Sinica. Professor Chen also received the Honorary Professorship from Xian Jiao-Tong University, Xian, China.


Professor Mirek Skibniewski received the American Society of Civil Engineers’ 1998 Walter L. Huber Civil Engineering Research Prize. The award citation reads: “for his research and development of decision support tools for planning and implementation of automated construction technologies and related technical innovations in construction.”

Professor Dan Budny received the A. A. Potter Teaching Award. In addition, Professor Budny received the Freshman Engineering Teaching Award.

Professor Mark Bowman received the Ross Judson Buck Best Counselor Award.

Professor Boudewijn H. W. van Gelder received the Civil Engineering Harold Munson Award for Best Teacher.

Professor Kumares C. Sinha, Olson Distinguished Professor, has been appointed to the Transportation Research Board Division A Council for a three-year term. Division A is responsible for all technical activities of TRB and oversees 190 standing technical committees. Professor Sinha has also been reappointed to the Transportation Education Committee for a three-year term.

Professor Patrick Fox is one of two winners of the Casgrande Professional Development Award of ASCE. This award is given in recognition of outstanding accomplishments as evidenced by completed works, reports, or papers in the field of geotechnical engineering. It is intended to further the professional development of an outstanding practitioner, researcher, or teacher of geotechnical engineering.

Professor Chuck Scholer received the Public Service Award from Consulting Engineers of Indiana (CEI). The award is presented each year to a non-member either associated with state or local government, another association, or university, who has made a significant contribution to the engineering profession.

Consulting Engineers of Indiana also presented a Grand Project Award. This award recognizes an outstanding engineering achievement that demonstrates a high degree of merit and ingenuity. The winning project is eligible for entry in the national competition.

Professor W. F. Chen with a candidate for the award.

Josh Hogle is the civil engineering computer site specialist. Josh joined Civil Engineering as a work-study student, working as the “hardware specialist” until being hired as a full-time assistant computer systems analyst in October 1997. In April 1998, he became the site specialist.

Joshua Harley joined the School as assistant computer site specialist. Joshua graduated from Purdue with a B. S. in Mechanical Engineering in December 1997. During the past year he has been employed at the University for the ECN Webmaster, which fueled his interest in computers, networking, and web development.

Brian Knoy has joined the School as business manager. He graduated from Krannert School of Management in May 1996 and has been employed with the University for 2 1/2 years.

Tom Martin has been named the program manager for HERPICC. Tom worked closely with Professor Chuck Scholer and the HERPICC Advisory Board during the last year. Tom joined Purdue in 1997 as research engineer for HERPICC. He is a graduate of Purdue receiving both his bachelors and master’s degrees in civil engineering.

Lynn Warble has transferred from HERPICC to the Supercave Center as communications specialist. Lynn began her new position on August 17.

Teresa Vaughn joined the Highway Extension Research Program for Indiana Cities and Counties (HERPICC) as training coordinator. Theresa received her associate degree in office administration from Indiana State University. Prior to joining Purdue, Theresa lived in Florida where she was a management member of the independent insurance firms. Theresa returned to Indiana this past summer and is residing in her native Fountain County.
CE Alumni Honored - Distinguished Engineering Alumni

Civil Engineering alumni were honored in 1998 by Purdue in recognition of the outstanding achievements of these individuals and the lasting contribution they have made to their professions.

Christopher B. Burke
BSCE 1977, MSCE 1979, PhD 1983
President, Christopher B. Burke Engineering Ltd.

From working as a crew member for his father’s surveying crew, Christopher Burke utilized many of his learning experiences when founding Christopher B. Burke Engineering Ltd. in 1986. The Rosemont, IL, firm served as project manager for more than 1000 projects and has grown to 180 employees. Clients include the city of Indianapolis, Indiana Department of Natural Resources, U.S. Corps of Army Engineers, Illinois Department of Transportation and city of Chicago. The firm has won awards for five projects by Consulting Engineers Council of Illinois and a Meritorious Service Award by Chicago Metropolitan Chapter of the American Public Works Association. In 1997 CBBEL won the Private Sector Employer Recognition Award and in 1998 Dr. Burke was selected president of the Illinois Section of American Society of Civil Engineers.

Suwat Liptapanlop
MSCE 1977
Member of Parliament (Thailand)

As a young student from Thailand, Suwat Liptapanlop had to overcome many barriers in order to follow his dream of becoming a civil engineering graduate of Purdue University. Returning to his homeland he expected to enter the family’s contracting business but instead was drafted into the world of politics. In 1988 he was elected as district representative to the parliament of Thailand at the age of 35 and was selected by the prime minister to serve as a cabinet minister. Later, he was chosen to help draft a new constitution for his country. He served as Minister of Science, Technology and Environment and became Minister of Transport and Communications in 1996. This last appointment was one of great honor for Liptapanlop because he was able to put his civil engineering training to good use.
Civil Engineering Alumni Achievement Awards

The CE Alumni Achievement Awards are based on the awardees’ distinguished careers, which reflect credit on the value of a Purdue University civil engineering education. The awards are given by the School of Civil Engineering, based on approval of the faculty.

Civil Engineering Alumni Achievement Award recipients include **William F. Daily**, BSCE ’59, MSCE ’60, who started his engineering career at Precast Industries in Kalamazoo, Michigan. Daily has been influential in the precast/prestressed fabrication industry and became president/CEO of Hamilton Form Company in 1973. Mr. Daily has twice served on the Board of Directors of the Precast/Prestressed Concrete Institute and has been honored with a Fellow Award from PCI for his outstanding contributions to the industry.

**Vasiliki Keramida**, BS ’73, MSCE ’76, PhD ’79, is an award recipient who came to the U.S. from Athens, Greece, in 1969. She founded the Indianapolis-based firm of KERAMIDA Environmental, Inc. in 1988. She is a researcher, author, and lecturer in the environmental field and is a recognized authority on the investigation and redemption of contaminated wastes sites. Dr. Keramida is the author and co-author of numerous technical manuals and textbooks. She has advised the U.S. EPA and IDEM and serves on various environmental committees, including the Board of Directors on Environmental Quality Control, Inc.

**Eugene A. Lamberson**, BSCE ’63, MSCE ’65, comes from a family tradition of contracting and civil engineering. After graduation, Lamberson relocated to Chicago where he joined The Reinforced Earth Company and now manages a five-state midwestern area. Lamberson was a charter member of the Purdue Civil Engineering Advisory Council and is a licensed professional engineer in nine states. He is a holder of patents for a highway noise abatement system and an earth railroad bridge crash wall design. Lamberson counts as his proudest achievement the 10 successful design-build contracts that changed the face of the Borman Expressway in Hammond, Indiana.

Shortly after graduation from Purdue, **Alex D. Oak**, BSCE ’68, started working for one of Indiana’s oldest design firms and became a partner in 1977. His professional projects have included the Giest and Morse Reservoirs development, White River State Park Canal development and Ameritech’s Digital Technology Statewide Communication System. Oak has also helped found the Paul I. Cripe Charitable Foundation that awards grants for college level education opportunities and is active in Big Brothers of Greater Indianapolis.

**Franklin E. Woodard**, PhD ’65 is president of Woodard & Curran Inc., an environmental consulting firm founded in 1979. While working on his Ph.D. dissertation at Purdue, he developed a method of removing lignin from pulp and papermill wastewater discharges. Dr. Woodard is the author of fifty publications and reference journals written during his tenure as professor at the University of Maine. His private consulting business has been credited with a wastewater treatment system for a poultry process that enabled highly efficient treatment at a very low cost and is a standard treatment technology for the poultry processing industry.
Scholarship & Awards

Tony Clark Awards
Rebecca Best
Ian Byers
Kimberly Cole
Joseph Draves
Bethany Garrettson
Heather Guinn
Matthew Hopper
Aimee Kivett
Ho i Lau
Choon Ong
Thomas Pace
Jason Petty
Stephen Spitzer
Michael Winarta

Martin J. Gutzwiller Memorial Scholarship
Kai K. Mow
Max L. Johnson, Jr.
Nicole S. Spacee

Harold E. Rein Society of American Military Engineers Scholarship
Adam W. McAlpine
Matthew T. Goubeaux
Greeley and Hansen Elmer F. Ballotti Memorial Fellowship
Brandon K. Ogilvie
John R. Blandford Memorial Award
Jose Fabrega
Don E. Bloodgood Memorial Award
Deb Behles
Kim Nichols
Jeremy Schmidt
Alyson Wilson

Jacques W. Delaur Award
Krishnakumar Nedunuri
Matthew Edward Kern
Environmental Engineering Scholarship
Kathryn M eschke
Andrew Thompson

Phillips Petroleum
Ulrike Pflaz
David E. Saksa Memorial Pass-The-Torch Award
Bob Holden
Eldon J. Yoder Memorial Award
Darren Jorgenson
Tracy Stover

Myrtle Ford Tompt Award
Max L. Johnson
Jeremy C. Schmitt

Gerrit H. Toebbe Memorial Award
Dan Schuller
Susan Tatolovich
Albert J. Horst, CE 1915 Memorial Scholarship
Guillemo Carrasquillo
Robert Chandler
Carrie Drake
Ryan Glanz
Steven Graves
Heather Guinn
Thomas Pace
Elizabeth Porter
Dan Thatcher
Joseph Walsh

Roy E. and Myrna G. Wansik CE/Cary Quadrangle Scholarship
Aaron Fisher
Tim Phelan
Andrew Thompson

GAAAN Fellows
Ernest M. Berney
Timothy M. Lapara
Brian J. Malone
Lisa M. Samples
Jennifer Schramm
Danial J. Schuller
Jonathan V. Weiss
Estus H. and Vashti L. Magoon Outstanding Teaching Assistant Award
Glen E. Boren
Jodi L. Enderson
Nellie Munson Outstanding Teaching Assistant Award
Mark Bradford
Dirk Medema

Rosemary K. Burke Outstanding Student
Max L. Johnson
Kai K. Mow
Land Surveying Outstanding Senior
Ryan D. Carrel
Geomatics Faculty Recognition Award
Thomas P. Riley
John G. McEntyre Endowment Scholarship
Randy S. Peterson
Jud and Betty Rouch Land Surveying Scholarship
Bryon J. Motsko
Roland S. Corning II Memorial Fellowship
Dave Vandenberg
Maple Point Foundation
Junfeng Leng
Asphalt Pavement Association
Aaron Fisher
Jeremy Gries
Roger Radabaugh
Fluor Daniel Corporation Scholarship
Kimberly Cole
Civil Engineering Graduate Student Winner of Prestigious Fellowship

Congratulations to Darren Jorgenson, the recipient of an Eno Fellowship from the Eno Transportation Foundation of Lansdowne, Virginia. The Eno Fellows program provides up to ten student fellowships annually to help ensure retention of the best and the brightest individuals in transportation and encourages those with leadership abilities to recognize their strength and prepare for leadership roles.

Darren attended a conference in Washington, D.C., where students examine policy development and implementation processes that affect the transportation industry. In addition to the annual conference, the foundation provides follow-up activities to assist Eno Fellows with professional development and networking throughout their careers.

Darren is the son of Linda Hellerud of Maddock, North Dakota, and Jerry and Stephanie Jorgenson of Henderson, Nevada. Darren will graduate with his MSCE in transportation engineering in December.

Ten Raffin Siblings Now Purdue Graduates!

Theresa Raffin graduated in August 1998, the youngest of Richard and Bernadette Raffin’s 12 children. At least one of the Raffin’s children has been attending Purdue every year since 1973. Theresa is the fifth Purdue Civil Engineering graduate in her family. Five others have Purdue degrees, four from the School of Consumer and Family Sciences and one from the School of Technology.

The Raffins are from Valparaiso, Indiana. Theresa works in Chicago for Alford Benesh and Company as a structural engineer. She was active in the ASCE student chapter while attending Purdue. Theresa’s Purdue civil engineering siblings are: Al Raffin, BSCE ‘80; Jean Sangiorgio, BSCE ‘83; Jim Raffin, BSCE ‘89; and Margaret Mochen, BSCE ‘90, MSCE ‘92.
Professor John M. Hayes honored by ASCE Student Chapter

John Hayes was born May 18, 1909, and raised in Wingate, Indiana. John received his BS degree in 1931 and worked for the Tennessee Valley Authority and the U.S. Bureau of Public Roads. While in Tennessee he earned an MS degree in engineering mechanics from the University of Tennessee in 1944 and later earned the professional civil engineering degree from Purdue in 1946. He was a licensed professional engineer in Tennessee and Indiana. Surviving are his wife of 63 years, Coye, and two daughters, Marian (Jernigan), of Lewisville, Texas, and Julia (Casey), of Dearborn, Michigan.

Professor Hayes joined the Purdue faculty in 1948 as an associate professor and was promoted to professor in 1958. His research centered on performance of highway and railway bridges including effects of vibration. Since retiring in 1988, Professor Hayes gave much of his time to Purdue students: He was a faculty fellow at Cary Quadrangle for many years. Professor and Mrs. Hayes attended annual ROTC recognition programs to present awards to recipients of the Sons of the American Revolution Award and Daughters of the American Revolution Award.

John sent cards and letters to many of his students and friends around the world and was always delighted to receive a reply, proudly showing off wedding or baby pictures to anyone to whom he talked. It has been said that Professor Hayes was the “Grand Old Man of The Grand Old Profession.” He was truly a remarkable man and advocate of the civil engineering profession.

His energy for the ASCE student chapter has been recognized by the School officially renaming the chapter to the John M. Hayes ASCE Student Chapter. A memorial fund has been established at Purdue and will be used to support the ASCE student chapter activities.
Leroy Greene, Carmichael, CA - Leroy has served more consecutive years in office than any other current California state legislator. His service ended in December 1998, when he decided to step down. He has no plans to "retire" as he and his wife plan to jointly run an education consulting firm. She will be lobbyist and consultant, and he will be a consultant. Leroy was first elected to the Assembly in 1962 and to the Senate in 1982.

James E. Roembke, Frederick, MD - James is retired from Calvary Bible College, where he was vice president of business and finance.

Dave Churchman, Castleton, IN - Dave is a proprietor for Sterling Type Foundry.

Richard D. Walker, Blacksburg, VA - Richard is a professor emeritus at Virginia Tech School of Civil Engineering.

Don R. Ort, Cape Coral, FL - Don is a retired consulting engineer. He is a life member of the American Society of Civil Engineers, American Water Works Association, and Water Environment Federation. He is an honorary member and past president of the Indiana Water Pollution Control Association and also past president of the Illinois Water Environment Association. Don is a certified professional engineer in 14 states.

Berton R. Bradley, Santa Monica, CA - Berton is a senior project manager for Crosby Mead Benton and Associates in Encino, CA. He served as ASCE Los Angeles Section President from 1970-71 and is currently a planning commissioner for the city of Santa Monica.

Geza Cseri, McLean, VA - Geza is currently chief, Production & Arms of the U.S. Army Material Command in Alexandria, Virginia. He has oversight of U.S. ammunition facilities for making it a viable base in light of downsizing. There are 27 plants across the U.S. He was the agency's manager for the combined federal campaign and achieved the highest contribution in the history of the agency. Geza also does consulting for small businesses.

Richard R. Hall, Downers Grove, IL - Richard is a captain for United Air Lines B-777 at O'Hare in Chicago.

William M. Reid, Noblesville, IN - Bill retired from Reid-Holcomb Co., Inc. in 1989 prior to starting PHASE I Environmental Engineering in 1991. PHASE I is responsible for environmental site assessments, testing, hazardous and special waste removal in Indiana.

P. Douglas Dollenberg, Louisville, MD - Doug is president and CEO of Nottingham Properties, Inc., where he oversees its activities as a real estate developer/investor in metropolitan Baltimore. He is a registered professional engineer and participates in numerous civic and professional organizations. Doug is frequently a guest speaker at colleges and universities as well as other professional and community groups and has been recognized with several awards. In 1994 he was honored with a centennial medal as an Engineering Alumnus of Distinction at the 100th anniversary celebration of the University of Maryland’s College of Engineering. Doug and his wife Kathie have two children.

Dorothy F. Dunn, Ph.D, Home Economics - Dorothy is retired as regional director for the Consumer Affairs Division of the U.S. Food and Drug Administration in Chicago. She resides in Urbana, Illinois.

Thornton D. Schwenk - BSCE ’63, MSCE ’65-Albuquerque, NM - Senior project engineer, Defense Technology Group for Science Application International Corporation (SAIC). He was hired by SAIC to serve as a counter-terrorism research & testing center at New Mexico Tech, Socorro, to investigate structural response and to develop mitigation techniques against explosive attacks by terrorists on military and federal buildings. He and his wife, Ruth, have six children. He was past president and is currently a director of the Albuquerque post of the Society of American Military Engineers. (corrected)

Garry W. Metcalf, Overland Park, KS - Garry retired in July 1997, after 27 1/2 years as city traffic engineer for the city of Overland Park. He is married to Jane - BSHE ’65. Their son Matt is also a Purdue BSCE ’94 graduate.

Robert Farris, Virginia Beach, VA - Bob recently received his license as a professional engineer in the state of Virginia.

James E. Schoenberger, Falls Church, VA - James retired in December 1997, fulfilling a long time plan to leave the employment world at the age of fifty to pursue various non-profit and charitable ventures. His principal work history was at the Department of Housing and Urban Development on three tours of duty during 1974 - 1997, where he held several senior positions, including principal deputy at FHA. James received his MS in Business Administration from Harvard Graduate School in 1969. He is married to the former Victoria Montana and they have two sons, David and Eric.

John H. Allen, Des Moines, IA - John was awarded the 1997 Arthur M. Wellington prize by ASCE.

James I. Mitnick, Pittsburgh, PA - sr. vice president for Turner Construction Company. Jim manages construction company offices in Detroit; Cleveland; Pittsburgh; Philadelphia; Sommerset, NJ; Buffalo, NY; and Toronto, Canada.

Michael C. Hallien, Fort Wayne, IN - Michael is a district bridge engineer for the Indiana Department of Transportation, where he just completed 25 years of service. He is married to Gail (Tienken) Hallien, BSHE ’74. They have two sons, Adam, age 17, and Matthew, age 15.

Takahiko Nichio, Kyoto, Japan - Takahiko was the first president of the Purdue Club of Japan.

Moriyasu Furuki, - Tokyo, Japan - Moriyasu has been appointed the executive director of the Metropolitan Expressway Public Corporation in Tokyo.
Richard T. O’Connor, Carmel, IN - Dick is a principal owner of RQAW Corporation in Indianapolis.

Eugene R. Russell (Gene), Manhattan, KS - Gene is a professor at the Director Center for Transportation Research & Training at Kansas State University, Department of Civil Engineering. He is the recipient of the first endowed chair in civil engineering at Kansas State, the Margaret S. and Mark S. Huling’s Chair. He also received the best paper award, low volume roads division, at the X111th International Road Federation Conference in Toronto in 1997. He and wife Mary celebrated their 40th wedding anniversary in June 1997. They now have 23 grandchildren, including five that were born in 1997.

Richard J. Schipp, Paducah, KY - Richard is resident engineer for the U.S. Army Corps of Engineers. He received the employee of the year award in 1996.

Glenn Reynolds, Glenville, WV - Glenn is director of the physical plant at Glenville State College. He retired from the U.S. Navy Civil Engineer Corps after a 23 year career. His wife Sandra also works at Glenville State College.

Dave Koester, Schererville, IN - Dave joined BMW Constructors in Munster, Indiana, in 1995, where he is a project manager involved with industrial construction projects. Dave spent several years serving the United Way in agency review processes. Dave has also seen many future Boilermakers in his 19 years as an Indiana high school football official.

David R. Gallay, Bristow, VA - David is a research fellow for Logistics Management Institute in McLean, Virginia.

Peter Katz, Australia - Peter is a regional construction manager for Kinhill/Brown & Root in Sydney.

Ann D. Luther, Indianapolis, IN - Ann is project manager for Powers & Son’s Construction Company.

Mark N. Oberfell, Indianapolis, IN - Mark is senior project manager and site department manager for Ter Hoist, Lamson & Fisk, in Indianapolis.

Clyde L. Pritchard, Sturgis, MS - Clyde founded Pritchard Engineering, Inc. in 1997, where he is president.

Mary Ann F. Saggese, Indianapolis, IN - Mary Ann has joined the Indianapolis based law firm of Plews, Shadley, Racher, & Braun. She previously worked with the IBM Corporation in Virginia, working in environmental engineering. In 1989, Mary Ann received her Juris Doctorate from the George Washington University National Law Center and worked with private government contracts and construction law with Braude and Margulies in Washington, D.C. Moving to Indianapolis in 1990, Saggese worked with Cromer and Eaglesfield, specializing in environmental permitting, regulation and enforcement matters; administrative adjudication and representation; and litigation. At Plews, Shadley, Racher, & Braun, she is concentrating her expertise in the same areas. Saggese has also served as author and speaker of several publications and seminars since 1991. She is a member of the American Bar Association, Indiana, and Virginia Bar Associations. She is also a member of the Kappa Alpha Theta Indiana Alumni Association. Including among her academic honors are: Alpha Lambda Delta, Tau Beta Pi, Chi Epsilon, Hoosier Scholar, Burmaster Scholarship, and Indiana State Scholarship.

Dale Wills, South Bend, IN - Dale is project manager for Reinke Construction Corporation in South Bend.

Jarkko K. Leinonen, Oulu, Finland - Jarkko is a project manager of SK Consulting, Ltd., in Oulu, Finland.

Jim Pollart, Mountain View, CA - After working for ten years as a consulting civil engineer in Massachusetts and northern California, Jim returned to school full-time and received his MBA from the Wharton School of Business at the University of Pennsylvania in May, 1996. Since that time, he has been with K&G, where he is responsible for land acquisition and land development in Santa Clara County in the Southern San Francisco Bay area. He and his wife, Theresa, celebrated the birth of their first child, daughter Olivia born December 1996.

David A. Boss, Dallas TX - David is a project engineer for Turner Collie and Braden, Inc. in Dallas. He and wife, Charlene have a son, Matthew, who is two years old.

Ron Klemencic, Seattle, WA - Ron is president of Skilling Ward Magnuson Barkshire, Inc. in Seattle, WA.

T. John Wysockey, Gary, IN - John is employed with Thatcher Engineering Corporation in Gary.

Amy Shearer, Owings Mills, MD - Amy is a project manager for Barton Malow Company in Baltimore. She is managing construction of K-12 schools and renovating an old rail station at Camden Yards baseball field (home of the Baltimore Orioles).

Michael B. Cline, Indianapolis, IN - Michael is an administrator of traffic operations for the city of Indianapolis, Department of Public Works. He received his PE in Indiana in 1994 and is currently vice president of the Indiana section of ITE. He married Kimberly A. Cline, BS 1985, DVM 1989. Daughter Josey was born in September 1996.

Matthew Travis, OR - Matt is a captain in the United States Marine Corps.

John Beery, Van Wert, OH - John is city engineer for the city of Van Wert.

David S. Clarke, McKinney, TX - David is a gas process engineer for Mobil Technology Company in Dallas. After graduating with a MS in environmental engineering from pr University of Texas at Austin, David worked for two years as an environmental engineer and then two years as a process engineer for Mobil E & P US in Mobile, Alabama, before relocating to Dallas.

Keisuke Matsukawa, Yokohama, Japan - Keisuke received his PE (Oregon) in July 1997. He is employed at Chiyoda Corporation in Japan.

Manuel Puyana, Colombia, South America - Manuel is planning director for Aspinas & Company of Bogota, Colombia. He and his
wife Karen have a daughter, Laura Isabel, born on December 15, 1997.

Kipp Schulties, Singer Island, FL - Kipp is president of Golf Course Design, in Palm Beach Gardens, Florida. He resigned as a designer for PGA tour professional Fred Couples and Gene Bates to start his own company in February 1997. He will continue working as a designer for Couples/Bates Golf Design on a limited basis. Kipp works out of an eastern office in Palm Beach Gardens and a western office in San Jose, California. The majority of his work is in California and the mid-Atlantic states. In addition, he graduated with an MBA in finance from the University of Miami (FL) in December 1997.

1993

Dawn Blankenship, Elkhart, IN - Dawn is a project engineer for Glaval Corporation in Elkhart.

1994

Paul D. Coats, Joliet, IL - Paul joined the code development staff for Building Officials and Code Administrators International (BOCA) in 1996, after two years as a project engineer for Alt & Witzig Engineering in Indianapolis/South Bend.

Michael Olvera, Walnut Creek, CA - Michael is an environmental engineer for American Brass and Iron in Oakland, California.

1995

Deanna R. Alvarez, Orlando, FL - Deanna is a structural engineer for Sverdrup Facilities, Inc. in Orlando.

Rebecca L. Hansell (Sulgrove), Glen Allen, VA - Becky is an assistant engineer/assistant superintendent for general contractors at Turner Construction. She married Mark Hansell on October 19, 1996.

Haiming Huang, Wichita, KS - Haiming is a technical vice president for Abatech, Inc. in Wichita.

Dale Kruse, Crawfordsville, IN - Dale is a land surveyor and civil engineer for Butterworth Associates in Avon, IN. He is in the process of buying the company from Dave Butterworth, who is retiring in 3-5 years. Dale is working on subdivision design and construction layout and also doing a site design for a 300-unit apartment complex. Dale recently married Kristee Davis, a ’96 Purdue psychology grad on June 6, 1998.

Taesoon Park, Seoul, Korea - Taesoon is an assistant professor in civil engineering for Seoul National Polytech University. He previously worked for the Korea National Housing Corporation.

Jodi L. Schaefer, Waialua, HI - Jodi is a 1st Lieutenant in the U.S. Army as a flight platoon leader, stationed in Hawaii. She recently took over as flight platoon leader of Chinook Helicopter Company. She is responsible for care and maintenance of 8 CH-47F helicopters valued at over $64 million. In addition she flies firebucket missions and other support operations to armed forces stationed in Hawaii.

1996

Keith Gardina, Schererville, IN - Keith is a civil/structural coordinator for Kvaerner Metals in Merrillville, Indiana. He does structural engineering, design, and project management for capital maintenance projects at northwest Indiana’s steel mills and chemical companies.

Joel Holloway, Warsaw, IN - Joel is a structural engineer for PES Associates in Warsaw. He is currently designing glulam beams for a restoration project at the University of Notre Dame. He also designs steel structures for clients in the US and Mexico. He and his wife, Erin, (Purdue BA ’95) have one child, Trevor Jay, who is two years old.

1997

Suzanne Lagerman, Chicago, IL - Suzanne is a civil engineer for Greeley and Hansen in Chicago.

Julie Marie (Wilson) Jackson, Santee, CA - Julie is a project engineer for DPR Construction, Inc. in San Diego. She recently completed her first project, which was a $12 million pharmaceuticals lab and office facility. She is currently working on a $40 million outpatient hospital. Julie is a member of DPR construction’s safety leadership team. She married Philip C. Jackson in May 1997. He is a 1994 CE graduate.

Kelly L. Paper, Tampa, FL - Kelly is a project engineer for Winter Construction Company. In December 1997 she moved from the estimating division to operations, where she is currently working on three hotels in the South Carolina area.

Matthew G. Russell, Longmont, CO - Matthew is a design engineer for Rocky Mountain Consultants. He married Natalie M. Tenota, a ’96 Purdue Education major.

Jemie Yao, Cincinnati, OH - Jemie is a project manager/engineer for Procter & Gamble in Cincinnati.
In Memory

1920’s

Albert L. Hartman - BSCE ’27, Hot Springs, AR  
Thomas R. Jacobi - BSCE ’29, Thousand Oaks, CA  
Ernest H. Miller - BSCE ’29, Cheyenne, WY  
Dallas M. Costello - BSCE ’23, Peoria, IL

1930’s

James H. Bookedis - BSCE ’33, Indianapolis, IN  
Virgil O. Hart - BSCE ’30, Peoria, IL  
Thomas W. Henderson - BSCE ’36, Millani, HI  
Robert R. Panzer, Jr. - BSCE ’32, Irvine, CA  
Robert W. Brannan - BSCE ’47, Lake Mills, WI  
Frederick P. Blissmer - BSCE ’63, Michigan City, IN

1940’s

William L. Dolch - BS ’47, Phoenix, AZ  
H. H. Talor - BSCE ’39, Roswell, GA  
William H. Largent - BSCE ’40, La Porte, IN  
Joseph C. McCalley - BSCE ’54, Dallas, TX  
Everett A. Dye - BSCE ’52, Lewisville, TX  
C. Douglas Frost - BSCE ’54, Bailey, CO  
Richard M. Hutchins - BSCE ’50, Reno, NV  
Floyd B. Morris - BSCE ’50, Worthington, IN  
Wallace T. Miller - BSCE ’60, Largrange, IN  
Frederick P. Blissmer - BSCE ’63, Michigan City, IN

1950’s

Richard E. Harris - BSCE ’32, Phoenix, AZ  
Harry T. Helton - BSCE ’39, Roswell, GA  
Hylmar J. Keil - BSCE ’30, La Porte, IN  
Robert A. Simpson - BSCE ’49, Warsaw, IN  
Carl A. Volik - BSCE ’44, Sun City, AZ  
Stephen R. Stearns - MSCE ’49, Hanover, NH  
Per H. Ulstad - MSCE ’59, Oslo, Norway

1960’s

William L. Kiep - BSCE ’49, Pompano Beach, FL  
William H. Largent - BSCE ’50, Torrance, CA  
Edgar B. Olson - BSCE ’51, West Lafayette, IN  
Stanford B. Smith - BSCE ’50, Holland, MI  
Per H. Ulstad - MSCE ’59, Oslo, Norway

1970’s

Roger K. Schmidt - MSCE ’84, Greenfield, IN

Purdue and Civil Engineering Lose Loyal and Generous Friends

Marietta Kettelhut died March 5, 1998, in West Lafayette. She was the wife of Karl H. Kettelhut (BSCE ’26, PCE ’30, HDR ‘91), who was president of Kettelhut Construction Company. Karl passed away in 1994. The Kettelhuts and their family were generous to the School of Civil Engineering over many years. Kettelhut Construction built many of the Purdue University buildings during Karl’s leadership. Mrs. Kettelhut is survived by daughter, Mary Ann Combs, and son, Karl T. Kettelhut.

Edgar B. Olson, died June 9, 1998 in West Lafayette. Ed received his BS in Civil Engineering in 1951. He was a charter member of the Civil Engineering Advisory Council and was chairperson of the University’s President’s Council. Ed and his wife Heddy have been great supporters of the School of Civil Engineering. Ed worked many years for Kettelhut Construction Company and succeeded Karl Kettelhut as president. Ed received the Civil Engineering Alumni Achievement Award from the faculty in February 1997. He is survived by his wife, Heddy, son Richard H. Olson (BSCE ’76, MSCE ’77), and daughter, Kris Olson Potter.

Wally Miller, died July 24, 1998, in LaGrange, Indiana. Wally was the chief operating officer of MMM-Invest, Inc. He graduated in 1960 from Civil Engineering and was serving as the vice chair of the Civil Engineering Advisory Council. Wally had the drive to make Purdue Engineering #1 in the country. He was one of those people who would do whatever was necessary or whatever was asked of him to improve the stature of the Purdue programs and students. He is survived by his wife, June, and children Beth Ingram, Aimie Riemark, Tom and Michael Miller, stepsons Ben and Andy Camp; mother Connie Conklin Miller; sisters Beverly Steven, Barbara
Dedication services were held on June 9, 1998, for the Edgar B. and Hedwig M. Olson Laboratory in the School of Civil Engineering. Dr. Kumares Sinha, the Edgar B. and Hedwig M. Olson Distinguished Professor paid tribute to the impact Mr. and Mrs. Ed Olson have had on Purdue’s School of Civil Engineering and the focus of civil engineering worldwide.

The laboratory was created in 1994 as a result of the Kresge Science Initiative Challenge. The Olson family generously helped provide matching funds to support the Kresge grant, along with the Olson Distinguished Professorship Award and the Olson Graduate Fellows Award.

The Olson Laboratory has provided many “Purdue” unique experiences for civil engineering students enrolled in CE 498, the capstone design course for students in their last semester before graduation. Projects such as the Lafayette Railroad Relocation, Happy Hollow Park, the Animal Science Center, Wastewater Complex for West Lafayette, and the Food Science Building at Purdue owe their beginnings to this “signature course” in the Civil Engineering program. Over 1,000 students have benefitted from this state-of-the-art facility used in this course that is second-to-none in the world.

— by Lois Rans
for their project, “Ramp Bridge Over the Indiana I-80-/90 Toll Road at Milepost 96.” Professors Mark Bowman and Julio Ramirez were also recognized for their participation on this project.

Professors Midhat Hondzo and Srinivas Peeta are among four Purdue scientists and engineers working on projects funded in 1997 by a federal program designed to encourage educators and researchers in their areas of interest. Professor Hondzo’s research is related to environmental fluid dynamics and water quality modeling. Professor Peeta’s research uses real-time traffic-related data gathered from advanced sensor and information systems to control the performance of large-scale traffic systems. The 1997 Faculty Early Career Development Program administered by the National Science Foundation to junior-level university faculty, is designed to emphasize the importance of integrating research and educational activities in academic careers.

Professor Hondzo received the 1997 Founders Award from the USA National Committee of the International Association on Water Quality for the best paper in 1996 in the Journal of Water Research. The topic of the paper was “Long-Term Lake Water Quality Predictors.”

A new book entitled Surveying: Theory and Practice by Professor J. M. Anderson of the University of California at Berkeley and Purdue Professor Ed Mikhail has been published by McGraw-Hill. A comprehensive book with 1167 pages, it is a widely used textbook for undergraduate and graduate courses in the field as well as a valuable reference for practicing professionals.

Professor Mikhail has been recognized for his research support to the U.S. Office of Research and Development. The award citation states: “In recognition of his invaluable contributions to the MSP (Model Supported Positioning) project. MSP could not have succeeded without him providing superb technical expertise.”

Professor Julio Ramirez has been elected to the category of fellow of the American Concrete Institute. He was recognized at the awards banquet during the Spring Convention of the American Concrete Institute in Houston.

A paper presented by Professor Jon D. Fricker on applications of transportation planning methods in Dearborn, Michigan, was selected as one of the five best papers. The paper, “An Integrated Transportation-Land Use Model for Indiana,” was co-authored by Andrew Ying-Ming Yen.

Professor Dan Budny was inducted into the new Purdue University Teaching Academy. The Teaching Academy recognizes Purdue faculty from all areas for their excellence in teaching. Professor Budny also received the Ronald J. Schmitz Award. This academic award is given annually to an individual who has given outstanding continued service to engineering education through contributions to the Frontiers in education conference. It is presented by the boards of the Engineering Research Methods Divisions of the American Society of Engineering Education and the Education Society of the International Engineering Electrical in memory of Ronald J. Schmitz.

Professor Ronald Wukasch was selected for the position of technical secretary of the Indiana Water Pollution Control Board. The technical secretary has the responsibility to review all materials prepared for the board by the Indiana Department of Environmental Management and make any necessary revisions. The term of the appointment is four years.

Dr. Vincent P. Drnevich was honored by the University of Michigan College of Engineering by receiving the 1998 Alumni Society Merit Award from the Department of Civil and Environmental Engineering.

Professor Doug Sutton has been elected by the professional membership to serve as chairman of the PCI Technical Activities Committee beginning in January 1999. He will also serve on the Board of Directors.

Professor Ernest Blatchley’s research project on gamma radiation was featured in the August edition of ENR. The feature called “Disinfection Work: On the Beam” highlights the NSF - funded research project he is leading in search of new disinfection techniques.

Professor Emeritus C. W. “Bill” Lovell was honored for 50 years of continuous employment at Purdue University. Bill formally left the School of Civil Engineering in 1995 to become a leadership facilitator in the Organization and Career Development Department of Personnel Services. He is a licensed Franklin-Covey facilitator.
Recognizing the individuals and corporations who made gifts to the School of Civil Engineering, July 1, 1997 - June 30, 1998.

Donors contributing $25 or more to the School of Civil Engineering are recognized through membership in our giving club, The Civil Engineer’s Club, as well as other Engineering and University recognition clubs:

**President’s Council**
Annual gifts totaling $1,000 (anywhere within Purdue University, including those designated to Civil Engineering)

**Dean’s Club Lifetime**
Cumulative gifts of $50,000 or more or a lump-sum gift of $25,000 or more

**Dean’s Club Benefactor**
Annual gifts totaling $2,500 to $24,999

**Dean’s Club Sponsor**
Annual gifts totaling $1,000 to $2,499

**Dean’s Club**
Annual gifts totaling $500 to $999

**Engineer’s Club**
Annual gifts totaling $250 or more

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

Thank you for your generous and loyal support.
Barry & Kathy Smith
Charles & Beth Suhr
Stephen Starck
Edward & Virginia Thoma
Roderic & Rita Thomas
Corby Thompson
& Julie Villieu-Tompson
Patricia Moss Toberge
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Norman & Peggy Yoder
Mary Ann Zimmerman

$250 - $499

Theresa Smith Adams
David & Diane Allor
Richard & Joan Allen
William & Denise Ambry

CE Advisory Council members,
Angel Jenkins-Kirby and Alex Oak
are enjoying council activities.

CE Alums Craig Parks
(BSCE ‘97) and Natilie (Dawe)
Parks (BSCE ‘97) and Emily Ellis, ASCE
Student Chapter President (right) attended Homecoming breakfast.

John Schira
John Schneider
Charles & Sue Scholer
Joseph Skocirski
Paul Sensmeier
Brian & Ann Shields
Mark Slaughter
Garr & Patricia Biker Sorensen
John Stampaugh
Gus Stangas
Tom Stangas
Stephen Stanich
Brenda & Lori Stewart
D. Duffy & Brenda Stradtner
John Strange
Gerald Tinkle
Egons & Susanne Tons

Delbert & Mary Leidner
William & Prudence Leslie
Albert Lewis
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Roland Marsh
James McCumber
Mitchell McCoy
Darrin McCrae
Jay McGarrah
Cary McGuire
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D. Mark & Ingeborg Miller
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Samuel Moore
James Morford
Brad Morrison
Van Muenchenbein
Kazuo Nakamura
Robert Orr
Thomas Pickford
C. William Powell
Kenneth & Christine Price
SHERWOOD RICHARDSON
Donald Robison
Eugene Russell
James Ryan
Darrell Samuels
Michael Schaeffer

Daniel Van Buskirk
Louis Voseeen
David & Christine Wallace
Joseph Wambold
Stephen & Lori Winters
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Ronald Watt
Keith Weisenberger
Alan Welch
Robert Whitesell
Max & Sharon Whitlock
Leonard & Margaret Wood
James Wooten
Edgar & Kathleen Wotzin
Darrell Wright
Ronald & Ruth Wukasch
James & Anna Yao
Bryan Yooker

Up to $249

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Aao Agur
Daniel Allard
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Michael Allenaspih

Christian Badger
James Baker
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Debra Ballentine
Jeffrey Bane
Paul & Brenda Conley Barber
Richard Barksdale
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I. Gene Barrett
Richard Barrow
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Paul Bradley
Scott Bradley
Dennis Brand
Donovan & Jane Brand
John & Carmel Brand
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John Brestin
George & Jean Briggs
Bradley Brink
Brian Broutellette
Christopher & Adrienne Brown
Frederick Brown
Olin Brown
Randy Brown
Robert & Karen Brown
Joe Broz
Gregory Brubaker
David Brubek
Roy Bruce
D. Eric & Norma Brunn
Michael & Margaret Bruns
Michael & Kelly Bruns
Stuart Bryant & Toni Rossetti
Delon Hampton, ASCE President-Elect visits faculty and students at Purdue
Bill Quebe, and Ed and Judy Doyle enjoy the October CE reception in Indianapolis.

Professor Ron Wukasch, Bill Quibe, and Ed and Judy Doyle enjoy the October CE reception in Indianapolis.
### 1997-1998 Corporate/Foundations Donations to Civil Engineering

<table>
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<th>Corporation/Foundations</th>
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<tr>
<td>A &amp; F Engineering Co. Inc.</td>
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<td>Advanced Cement-Based Materials</td>
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<td>Alcoa Foundation</td>
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<td>American Congress on Surveying and Mapping</td>
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<td>Archer-Daniels-Midland Foundation</td>
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<td>Associated General Contractors of Indiana</td>
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<td>Bell Surveying &amp; Mapping</td>
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<td>Berns Construction Company Inc.</td>
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<td>Building Services Inc. Camp Inc.</td>
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<td>Casteel Construction Corporation</td>
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<td>Charles Pankow Builders Ltd.</td>
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<td>Christopher B. Burke Engineering Ltd</td>
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<td>CH2M Hill Foundation</td>
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<td>CRC Press Incorporated</td>
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<td>Danis Environmental Industries Inc.</td>
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<td>Dirk A. and Paige P. Willms Fund</td>
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<td>Dondanville Laurence A. Trust</td>
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<td>Engineering Manufacturing Services Company</td>
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<td>Fluor Foundation</td>
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<td>Indiana Energy Foundation</td>
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<td>Technology Transfer Tutorials Thoma Revocable Living Trust</td>
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<td>Verkler Contractor Inc. Wagner Komurka Geotechnical Group Inc.</td>
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<td>Virginia M. Wagner Estate</td>
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### Matching Corporations Contributing to Civil Engineering

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<td>Aggregates Maytag Corporation Foundation Inc.</td>
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<td>Morrison Knudsen Corporation Foundation</td>
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<td>Motorola Foundation</td>
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<td>Newport News Shipbuilding</td>
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<td>Norfolk Southern Foundation</td>
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<td>Price Brothers Company</td>
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<td>Procter &amp; Gamble Fund</td>
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<td>RJR Nabisco Foundation San Diego Gas &amp; Electric</td>
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<td>Shell Oil Company Foundation Star Enterprise</td>
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<td>State Farm Companies Foundation Temple-Inland Foundation Texaco Foundation</td>
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<td>Wheelabrator Technologies Incorporated WMX Technologies Inc.</td>
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<td>3M Foundation Inc.</td>
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Purdue to Enter 1999 National Environmental Design Competition: MISSION IMPOSSIBLE

Case Number: CE498B   Code word: Environmental Senior Design

Assignment: Plan and solve environmental tasks at Ninth Annual Environmental Design Contest. Travel to Las Cruces, New Mexico, compete in national contest and return to West Lafayette, Indiana, victorious.

Financial support is needed to send Purdue’s team to New Mexico in April. Twenty-eight seniors and three faculty members plan to compete April 12 - 15, 1999. The team has constructed a time-line and divided tasks to maximize chances for an overall first-place finish. They will tackle four projects: innovative landfill closure cap, transuranic waste reduction, pipeline waste removal, and In-situ soil decontamination. The team needs support to fund this trip. Half of the $25,000 expenses have been raised. Your help or your business sponsorship will allow this “academic team” to learn and participate in devising solutions to real, practical problems of current concern. **If you want to learn more about this competition or you want to support the team, call (765) 494-2166, or send e-mail inquiry to: cenews@ecn.purdue.edu, or send your donation with reply on page 27**

Purdue Alum now ASCE President-Elect

Delon Hampton, MSCE ’58, PhD ’61, and HDR ’94 has been elected and inducted as ASCE President-Elect. Hampton’s consulting firm, Delon Hampton and Associates, Washington, D.C., recently celebrated its 25th anniversary in business. He is active with Purdue Engineering, now serving on the Dean’s Visiting Committee, and in the past serving on the Civil Engineering Advisory Council. Delon is a member of the National Academy of Engineering, and is an Honorary Member of ASCE. As one of his first duties as President-Elect, he attended the 13th Annual CE Professional Development Conference at Purdue on November 5, 1998 and was the featured luncheon speaker.
Help us stay up to date...

Alumni Information Activities Questionnaire

Please help us keep up with your progress by completing this reply card...

Where you live: New address? Yes □ No □ Degree & Year of Graduation _________________

Name __________________________________________________________________________________________

Home Address ______________________________________________________________________________________

City State Zip ______________________________________________________________________________________

Home phone ________________________ e-mail address ________________________________________________

What you do: New position? Yes □ No □

Business Title/Profession ___________________________________________________________________________

Company _________________________________________________________________________________________

Division/Address __________________________________________________________________________________

City ________________________________________________________ State _____________ Zip _______________

Work phone : _______________________ FAX: __________________ e-mail: _______________________________

News about you: (civic achievements, board memberships, professional honors, career activities, family additions)
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Use attached envelope to return your information
Civil Engineering courses have been offered at Purdue since the University began teaching students in 1874. The first engineering graduate was a civil engineer (1878). The first African-American graduate at Purdue was a civil engineer (1894). And the first female engineering graduate was a civil engineer (1897). Our program has stood the test of time and our 13,000 graduates have achieved many successes in their lifetimes. Someone helped all these people get there. Our Faculty.

The prestige of the School can be directly attributed to the caring teachers and innovative researchers who have graced our program throughout the years. You now have the opportunity to give something back in honor of these great individuals. You knew many of them. They taught you or maybe they taught the professors who taught you. Maybe they wrote your textbook. Perhaps they developed the breakthrough research that makes doing your job easier. No matter how your life has been influenced by a Civil Engineering faculty member, I ask you to consider making a contribution to the School of Civil Engineering in their memory to help today’s civil engineering students.

Several funds have been established over the years honoring our faculty. The list at the left indicates the names of the funds. In the last two years the School has lost five of these faculty members due to death.

Contributions you make will be used as specified in the funding agreements. Of particular interest is a challenge pledge made possible by Mr. David Leonards, son of Professor Gerald Leonards who passed away in February 1997. Mr. Leonards will match your gift (dollar for dollar) made to the Gerald Leonards Memorial Fund. His offer has a $100,000 matching limit.

Support for our School in the form of gifts comes from a core group of alumni who represent less that 20% of our total living alumni. Yet, nearly all of our alumni are pleased with their education and the career opportunities their education opened up for them. Please consider giving a gift, in any amount, as a gesture of thanks to our faculty.

Best Wishes,

Vincent P. Drnevich
Professor and Head

P.S. Send your gift in the envelope provided along with the reply form (opposite page)
Yes! I want to support the School of Civil Engineering.

My contribution is designated as shown below. This is □ my □ our gift.

$_____ William L. Dolch Memorial
$_____ John Hayes Civil Engineering Memorial
$_____ Gerald A. Leonards Memorial (Gift to be matched 1:1 by Leonards family)
$_____ William L. Wood, Jr., Memorial Fellowship
$_____ School of Civil Engineering Discretionary Fund
$_____ Other (Please designate) _______________________________________

(To include helping the Senior Design competition trip to New Mexico. See page 24.)

Giving recognition
The engineering gift clubs recognize total giving to engineering, regardless of designation. President’s Council recognizes total giving to the University, including your gifts to engineering. As a President’s Council member, you maintain your membership in the School of Engineering Dean’s Club and the Civil Engineer’s Club for gifts to CE.

Engineering Gift Clubs
Dean’s Club
Lifetime Member
One-time gift of $25,000 or total gifts of $50,000
Dean’s Club Benefactor $25,000 annually
Dean’s Club Sponsor $1,000 annually
Dean’s Club $500 annually

Civil Engineer’s Club $250 or more annually

President’s Council
Cornerstone $1,000 annually
Pillar $2,500 annually
Tower $5,000 annually
Keystone $100,000 cumulative giving
Pinnacle $1,000,000 cumulative giving

Credit Card Authorization
I authorize $_______ to be charged to my account.

VISA □ Mastercard □ Discover

Account No. __ __ __ __ - __ __ __ __ - __ __ __ __ - __ __ __ __
Expiration Date __ __ - __ __

Print name as it appears on credit card ____________________________

Signature Date ___-___-___

Matching Gifts: Increase the value of your contributions by taking advantage of your employers matching gift program.

Update recent changes to information provided to Purdue in the last six months.

Name ____________________________________ Spouse Name ________________________________
Home Address _________________________________________________________________________
Phone ______________________ FAX ______________________ E-mail ________________________
Business Title _____________________________ Spouse Business Information __________________
Business Name ____________________________ Business Name _______________________________
Business Address __________________________ Business Address _____________________________
Business Phone ____________________________ Business Phone _______________________________

□ I / we have provided for Purdue in a will or trust agreement. □ I would like information about providing for Purdue in my will. □ I would like information about providing for increased income in retirement years through a planned gift.

Thank You for Your Contribution
Calendar of Events

April 24, 1999 - CE Breakfast, 8 - 10 a.m., Civil Engineering Building. All CE alumni and friends and their families are invited.

April 6, 1999 - 20th Anniversary Celebration - Recognizing the 20th anniversary of the first CNE/CEM graduating class. Many activities planned for the day including an Open House and reception for alumni, faculty, and industry guests. For more information contact Professor Bob Tener at (765)494-2241.

April 30, 1999 - CE Advisory Council Meeting.

April 30, 1999 - Dedication of Burke Undergraduate Hydraulics Lab in the Civil Engineering Building.

June 18, 1999 - CE Open - Golf, tennis and picnic. Reservations required. For more information call (765)494-2166.

Purdue graduates Bob and Sara Law with son Keith, Purdue freshman engineer, seem to have their sights on something south of the CE Building.

http://ce.ecn.purdue.edu/CE