



GENERAL ENGINEERING NEWSLETTER

Department of General Engineering, University of Illinois at Urbana-Champaign

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ALUMNI AWARDS



GARY L. NEWTONSON



ROBERT N. RASMUS

Gary L. Newtonson, the eighth winner of the annual Gamma Epsilon Distinguished Alumnus Award and a member of the class of 1957, is Chief Patent Counsel for the Chrysler Corporation with offices in Detroit. He is responsible for counseling and representing Chrysler on the legal aspects of patents, trademarks, and copyrights.

He was born on March 27, 1935 in Danville, Illinois, and was graduated from Danville High School in the class of 1953. After he was graduated from the University of Illinois he enrolled in the College of Law of the American University in Washington, D.C. which awarded him the LL.B.

Mr. Newtonson joined the Chrysler Corporation in 1966 as a patent attorney and was named Assistant Patent Counsel in 1977. Before he joined Chrysler he served as patent examiner in the United States Patent and Trademark Office in Washington, D.C. Formerly he was engaged in the private practice of patent law with Koenig, Pope, Senninger and Powers in St. Louis, with the John D. Pope firm, also in St. Louis, and with Schapp and Hatch in San Francisco.

He is on the Board of Directors of the American Patent Law Association and is a past president of the Michigan Patent Law Association. He is also a member of the Michigan Bar.

He, his wife, Sally, and their two daughters, Judith and Elizabeth, live in Bloomfield Hills, Michigan.

Robert N. Rasmus, General Engineering '48, was honored by the College of Engineering as a distinguished alumnus at its April Honors Day. His citation read: "To Robert N. Rasmus, engineer, manager, industrialist, for his leadership in the implementation of outstanding techniques of management in a large corporation." Rasmus is the president and chief executive officer of the Masonite Corporation, Chicago.

After receiving his master's degree in mechanical engineering from Cornell University in 1949, he joined the statistical quality control department of Johnson and Johnson. From there he went on to Armour and Company in Chicago and then to the Lowell Bleacher Company in St. Louis. He went to Masonite in 1957 as assistant to the vice-president for manufacturing. He has since held many posts with Masonite and became its president and chief executive officer in 1977.

Mr. Rasmus is a member of the American Society of Mechanical Engineers and has served on the board of directors of several companies.

ENGINEERING SURVEYS ITS 1971 AND 1976 GRADUATES

The College of Engineering Placement Office has just issued statistical studies of the classes of 1971 and 1976. The statistics for General Engineering present some interesting facts.

Ten years after graduation, the class of 1971, which had 46 general engineering graduates, 13 of whom responded, are receiving a median monthly salary of \$3,000. The average monthly salary is \$5,216, and the highest is an impressive \$18,750. The percent of increase in the ten-year period is 484.8 percent.

Five years after graduation, 36 of the 65 General Engineering graduates who responded are employed by 31 companies. An advanced degree was pursued by 47.2 percent. Their starting salaries averaged \$1,168 per month; the average monthly salary as of 1981 is \$2,385; the median sal-

ary is \$2,390; the highest monthly salary is \$3,208. The percent of increase is 104.2 percent.



ROY CARVER



CLIFFORD SPRINGER

The Department of General Engineering regretfully reports the death of a distinguished alumnus and an emeritus professor: Roy Carver, Class of 1934, and Professor Clifford H. Springer.

Roy J. Carver, a native of Preemption, Iowa, and one of that state's leading philanthropists and wealthiest citizens, died at age 71 of an apparent heart attack in Marbella, Spain, on June 16, 1981. He was chairman and founder of Bandag Inc., a tire retreading company that has dealers in more than 90 countries. After serving as a technical assistant to Illinois state purchasing agents as an evaluator of self-priming pumps, he designed a model that improved on those on the market and launched his own manufacturing business to produce it with just \$100 capitalization. A year later he received a \$140,000 order from the British purchasing mission. Success was continuous from there on.

After World War II he became interested in a West German process for producing sand cores and molds and formed Carver Foundry Products to introduce the product into the United States.

His other businesses were a heavy-duty parts business, a hose manufacturing company, and a tropical products business.

He was a member of the University of Illinois Foundation and in 1974 received the Alumni Association's Achievement Award.

Professor Emeritus Clifford H. Springer, who retired in 1962, died on August 3, 1981, in Fort Meyers, Florida at age 85. A native Ohioan, he was graduated from Ohio State University with the degree of Bachelor of Science in Civil Engineering and went to work for the Pennsylvania Railroad. With the outbreak of World War I he was commissioned a second lieutenant in the Army Corps of Engineers, later rising to the rank of captain, and served in the Argonne Sector from 1917 to 1920.

After the war he was, for four years, a resident engineer in the St. Louis County Highway Department in Duluth, Minnesota. He joined the faculty of the General Engineer-

ing Department in 1924, rising to the rank of professor. He retired in 1962.

While at Illinois he obtained a master's degree in Theoretical and Applied Mechanics and a professional degree from Ohio State University, both in 1929.

He was widely known for his work in industrial production illustration and was the author of five textbooks and numerous articles and papers on engineering graphics, specifically in engineering geometry.

He was quite active in the American Society for Engineering Education, in which he served as secretary of the Engineering Drawing Division from 1941 to 1951, Chairman of the Drawing Division, 1951-1952, and chairman of its Policy Committee from 1953 to 1957. In 1960 he received the Distinguished Service Award of the Division.

Through the years he was very active in the establishment of drawing standards; he served as the chairman of ASA Y14.4 Pictorial Drawing Standards Committee and as chairman of the Executive Committee of ASA Y14. He was a member of the American delegation to the American-British-Canadian Conference on the Unification of Drawing Standards in Toronto in October, 1977. He was also a member of the American Society of Civil Engineers, the Society of Automotive Engineers, and the Technical Design Association.

Clifford Springer was a kind and gentle man who always had time to listen to students and younger faculty. In 1920 he married Lois Lovett who preceded him in death. He is survived by his second wife, Janet McCarty Springer, and his daughter, Linna McDade.

GENERAL ENGINEERING ENROLLMENT HOLDS FIRM

The total enrollment in General Engineering for the fall semester is 577 students. The department has the distinction of having the highest number of women enrolled of any department in the college—overall, 24 percent are women; 33 percent of the freshmen enrollment are women.

At the graduate level, two students are continuing and the balance—ten—are new to the program. Four master's degrees were granted as of June, 1981.

The total College of Engineering undergraduate enrollment for fall, 1981 is 5,330.

FACULTY NOTES

Professor Jerry S. Dobrovolny this summer achieved that dream of all good golfers—on July 9, at the Danville Country club he made a hole in one. Among his professional activities was attendance at the American Society for Engineering Education annual meeting in San Francisco and the annual meeting of the National Society of Professional Engineers in Bismark, North Dakota.

Professor Dan Metz has returned to the campus after a year's leave of absence spent at California Polytechnic State University. Among his activities were teaching a course in case-study methods for seniors in mechanical engineering

and finishing several research projects, some of which were published. Among them are "a Time-Varying Approach to the Modeling of Human Control Remanent," co-authored with former graduate student Martin Risley, which will appear in the IEE *Transactions on Systems, Man and Cybernetics* and "Energy Cost Comparison of Bicycles and Automobiles for Urban Travel" in the *International Journal of Vehicle Design*, the research for which originated in a G.E.242 project at Illinois. "Forensic Pattern Characteristics of Fired Bullets" will be published in the Sixth International Federation of Automatic Control (IFAC) International Symposium on Identification and System Parameter Estimation to be held in June of 1982 in Washington, D.C. This paper, co-authored with John Holz, one of the first graduates of the General Engineering Master of Science Program, is a spinoff from Holz's thesis research.

Happy to be back at Illinois, Professor Metz sends greetings to his former students and invites all who will be in Champaign-Urbana to a game of handball and post-game refreshments.

Professor Rodney D. Hugelma n gave a paper, "An Integrated Fluidic Sensor/Amplifier," at the every-tenth-year joint meeting of the Instrument Society of America, the American Society of Mechanical Engineers, and the National Bureau of Standards in St. Louis, March 25 through March 27. The theme of this meeting was "Flow—Its Measurement and Control in Science and Industry." Professor Hugelma n's paper was also published in the Proceedings.

In June, he attended the ASEE conference at the University of Southern California on "Education and Industry, A Joint Endeavor." He reports that the discussion of Illinois' Senior Engineering Design Program was very well received: "Indeed the theme of the conference and its suggestions for success were often a heart-warming echo of what our G.E. program has been doing for some years!"

He also reported that while he was still on the west coast following the ASEE meeting a new senior-design sponsor was enlisted—SEKON International.

As an alumnus of the General Electric Company's Advanced Course for Professors of Engineering Design and Analysis, held in Crotonville, New York, in 1980, he attended the alumni dinner at ASEE.

From August 11 to August 15 Professor Hugelma n presented two seminars on motorcycle aerodynamic drag at the Vetter Corporation rally in Hurricane Hills, Tennessee.

A final top-off to a good summer was a five-week "sea-to-shining-sea" 10,000 mile motorcycle tour with his wife

Professor Michael H. Pleck was the keynote presenter, in April, of a live demonstration of the TIPS-1 CAD/CAM system at Cornell University. TIPS-1 is a state-of-the-art computerized design and manufacturing application program originated at Hokkaido University in Japan, where Professor Pleck spent a portion of his recent sabbatical year. His presentation to Computerized Aided Manufacturing International, Inc. was the first major showing of the capabilities of TIPS-1 to the international community.

The presentation culminated efforts by Professor Pleck to help prepare a definitive set of documents describing the theoretical basis and computer implementation of the TIPS-1 system. He also authored *TIPS-1 '77 Version, Ap-*

plication Routines just published by Computer Manufacturing International, Inc. and contributed to two related documents.

During the past summer Professor Pleck devoted a portion of his time to implementing the most recent version of TIPS-1 the University of Illinois at Champaign CYBER 174/175 system with Tektronix 4014 terminals in the GE/AAE Terminal Center. It was the first successful implementation of the latest version of TIPS-1 on a CYBER computer. The program will be used to demonstrate to G.E. design classes the potential of solid geometric modeling as a CAD/CAM tool.

JETS ACTIVITIES

The Test of Engineering Aptitude, Mathematics and Science (TEAMS) is becoming the highlight of the JETS program. In February, 1981, 3380 of the best high school students in Illinois competed at twenty-eight community colleges throughout the state. The winning teams from each district then competed in the state finals in Urbana during the annual Engineering Open House. Red Bud High School won the small-school national competition, and students from Freeport (graphics) and Bradley-Bourbonnais (mathematics) won individual honors.

Other activities have included providing the National Engineering Aptitude Search (NEAS) for 779 high school students in January and February of 1981, two-week summer programs at UIUC, UICC, and Bradley University for 149 presenior high school students and a successful Chicago JETS program involving twenty chapters.

The Illinois JETS Board, composed of the deans of the seven accredited engineering colleges in the state and officers of major Illinois corporations met October 1 to formalize its organization and bylaws.

I.S.G.E. ACTIVITIES

The 1981-1982 I.S.G.E. year is getting off to a great start. The student-faculty picnic, at the old forestry plot at Lincoln and Pennsylvania, now known as Illini Grove, featured the student-faculty softball game—which the faculty lost, but they admitted the match was a good one. Score: 17-4.

In late September Joe Hirt, '79, G.E., spoke to the organization about his two years in Africa as an engineer. At the October meeting Charles Durfy, of the Proctor and Gamble Paper Products Company, spoke on career opportunities for the general engineer.

Current Officers are:

April Horne, President
Dave Guthman, Vice-President
Leslie Hilliard, Secretary
Andrew Karas, Treasurer
Perry Meronyk, Dave Anderson,

Engineering Council Representatives

ARE YOU ONE OF THE "LOST"???

The General Engineering Department is always concerned about its "lost"—unaccounted for—alumni. If you are on this list, or know someone who is, please send us your address and an account of yourself.

Richard L. Bacht'a '67	Peter F. Koch '55
James R. Barber '53	Catherine C. Lentine '77
Richard A. Beckenbaugh '54	Gary B. Marquis '79
James R. Boyer '77	Homer G. McLean '69
Nelson K. Burrell '50	Jefferson F. Newton '51
Willis C. Chips '01	Maurice D. Ott '50
Thomas O. Cromeenis '25	William C. P. Ayden '77
Jeffery P. Dinsmore '77	Gonzalo Ramirez-Rodriques '53
Ben H. Edison '20	Ronald R. Rutger '71
Richard M. Engel '77	Jack P. Shallow, III '69
Thomas P. Fiock '78	Terry N. Snyder '73
John W. Fornof '46	Larry G. Stapp '63
Michael H. Hall '68	Karl S. Thornbrugh '67
Arthur W. Hill '48	Clarence G. Tohn '25
Suzanne M. Hill '79	Harold R. Trout '60
Jack R. Homan '50	Carroll D. Turner '40
Edward E. Jones '52	David H. Waterman '50
James G. Kerr '73	

Mail sent to all of you has been returned to us marked "undeliverable."

G.E. 293

In line with a suggestion of the Accreditation Board for Engineering and Technology (ABET) that a formal laboratory course in general engineering be offered, the department has formulated G.E.293. Under the chairmanship of Professor Rodney D. Hugelmann, Professors Chow, Kuznetsov, Metz, O'Bryant, Pleck, and Wozniak structured the course on an interdisciplinary base.

Three hours of credit are offered, to be earned in two one-hour lectures and one three-hour laboratory session each week. The course will be taught in modules. A six-week basic module will be taught to all students; it will cover data acquisition, error analysis, similitude, and modeling. Module 2 will cover controls; module 3, microprocessors; and module 4, strength of materials. Each module will be taught in rotation to the three groups of students.

NEWSLETTER EDITORSHIP CHANGES HANDS

The editorship of the General Engineering Newsletter has passed from Grace Wilson's able hands to Mildred Rose, a retiree from various publications activities throughout the University. Miss Wilson will be occupied exclusively in producing the outstanding displays that have been her responsibility since her retirement from teaching.

The Newsletter is primarily a vehicle for keeping alumni informed about the department and in touch with one another.

Please do use the reverse of the Newsletter yellow mailing cover to keep us current about yourselves, including changes in address and jobs.

ALUMNI NEWS

1956

Larry S. Staples, Jr., has, since graduation, spent most of his career in the cooling tower industry. After seven and one-half years in his own manufacturer's representative business, as of September 1, 1981, he rejoined the Marley Company after an absence of twelve years.

George S. Van Schoick is a plant engineer with Union Carbide Corp. in Alsip, Illinois.

1957

Robert A. Gray is in the Arab Emirates where his company, CRS Inc., is building a complete modern city for an oil refinery. He writes that it is a "very interesting situation—inspecting the concrete and asphalt and working with a variety of construction companies from all parts of the world."

1958

Robert H. Little, a vice-president of Owens-Illinois Inc., has been named director of administration of the Gerresheim Division of the company's international operations. He is responsible for business planning, comptroller, marketing, and other staff functions of the company's international operations. He is also responsible for the firm's interest in Gerresheimer Glas, A.G., the company's affiliate in Germany.

Since 1978, he has been a member of the board of management of Gerresheim, based in Dusseldorf, West Germany. The company is Owens-Illinois' largest affiliate and is a major producer of glass, plastic, and metal containers.

In his new assignment he will be based at company headquarters in Toledo, Ohio, of which he is a native. Following his graduation from Illinois in General Engineering, he earned a master's degree in business administration at the Harvard School of Business in 1960.

Max L. Whitman is Superintendent of Public Works and Village Engineer in Winnetka, Illinois. He has served in the Winnetka position since 1966. Prior to that time he was village engineer and traffic engineer in Oak Park from 1960 to 1966. The American Public Works Association has announced that he has been selected one of the Top Ten Public Works Leaders of the year by a distinguished panel of judges from the public works field. The Association says "He has instituted several innovative programs in management, refuse collection and disposal, construction, signing, fuel conservation, and equipment maintenance. He has periodically adjusted the organization of his department to better fit job descriptions to individual capabilities."

1960

Melvin F. Jager is now with the new firm of Lee, Smith & Jager. He will continue to practice intellectual property law involving patents, trademarks, and related licensing law. At the August meeting of the ABA he spoke to the Patent, Trademark, and Copyright Section on "Employer's Rights to the Ideas of Employees and Third Parties." The talk has been published in the ABA monograph "Sorting Out the Ownership Rights in Intellectual Property: A Guide to Practical Counseling and Legal Representation." In November

of 1980 he completed a patent infringement trial in South Africa.

1964

Ronald H. Hausch is now living at 57 Dean Close, Pyford, Woking, Surrey, England.

1967

Larry L. Burgener is now a registered professional engineer in Arizona. Currently he is Engineering Section Head for flight instruments and central mechanical engineering for Sperry Avionics, the General Aviation Division of Sperry Flight Systems.

1969

Thaddeus S. Figus after completing his General Engineering degree, graduated from the College of Law in 1972. He is now senior attorney for the Northern Illinois Telecom Systems Corporation. He will be responsible for general legal matters pertaining to the daily activities of the company.

Douglas C. Oetting is now with Pacific Southwest Airlines after serving for ten years in the United States Marine Corps as a fighter pilot. Presently he is flying as a second officer on Boeing 727's; he will become a first officer on Douglas DC-9 Super 80's this fall.

1970

Dennis Polhill is now president and general manager of the newly formed consulting firm of Pavement Management Systems (Colorado) Inc. He is also the treasurer of the Jefferson County, Colorado, chapter of professional engineers and secretary of the Colorado chapter of the American Public Works Association.

1971

Michael R. Kerchenfaut has completed his MBA program at Indiana University, Bloomington, and is now product manager for FMC Corporation, Material Handling Equipment Division, in Homer City, Pennsylvania.

1972

John M. Warren writes that he and his wife Arlene have two daughters, Colleen, three years old, and Kathleen, two years old. He feels that his General Engineering education has given him a well-rounded background for his career, presently as plant engineer with GATX Tank Storage Terminals Corp. He is currently in Long Beach, California, where he is completing a \$9.4 million plant expansion and a \$2.4 million harbor facility expansion. He is also a registered professional engineer in Illinois.

Dr. Lou Mancini was a recent Distinguished Lecturer at the George Washington University Department of Operations Research Colloquia. His present professional affiliation is with Standard Oil of California.

1973

Paul Newhagen sends greetings to all his former classmates. As of July, 1981, he has retired from active regular employment following favorable transactions in California real estate. From his home in Cupertino he has enjoyed a trip to San Diego, bicycled and camped through Yosemite, and during September has backpacked along the 212-mile John Muir Trail. He also does consulting two days a week and is working on forming a new company with his two partners.

Rodney L. Aeschleman is now senior technical representative for E.I. DuPont in Burbank, California. He and his wife, Marsha, have named their first child Nicole, born in December of 1980.

Daniel M. Burke has assumed the position of district sales manager in the Wichita, Kansas, office of the Square D Company. In addition to his General Engineering degree he also has completed the M.B.A.

1974

Bert E. Williams is Automotive Account Manager for the Illinois Tool Works in Troy, Michigan. In addition to moving into a new home in September, he has added VW and AMC to Chrysler, thereby filling out his sales account and by improved fastening concepts has increased cost reduction, labor savings, and quality.

1975

Gregory P. Konneker has been president of the General Foods Management Club in Battle Creek, Michigan. As of June, 1981 he became senior financial analyst with the International Division, Latin American Group of General Foods in White Plains, New York.

1976

Jeffery E. Burgard is now assistant manager of the Design and Planning Group of UOP Process Division in Des Plaines, Illinois. He and his wife, Cathy (class of '76), have a two-year-old daughter. He plans to complete his Professional Engineer registration in Illinois as of December of this year. He writes that moving into management and assuming the responsibilities of an administrative/technical manager is not always easy!

Michael J. Cardoni has been promoted to senior engineer in the manufacturing quality control computer services organization known as Product Assurance Information Distribution (P.A.I.D.) Center of Cummins Engine Company in Columbus, Indiana.

John B. Holz, B.S. '76; M.S. '81, reports "I am really enjoying Hartford (Connecticut) and my new job. It's as perfect a job as I can imagine, for me. I spend 100 percent of my time working with engineers at United Technologies Corporation developing applications for computer systems in the areas of CAD/CAM, robotics, plant-floor automation, analysis and design, and so forth. Fun!"

Bob Weibel was a recent campus visitor during his vacation from his post with Westinghouse. He is a field engineer with that firm in its location near Terragonia, Spain. Bob and his wife, Henie, have been located in Spain for three and one-half years and have added two daughters since they last reported in.

Bruce W. Winter and his wife, Alicia, and their daughters, Erin and Allison, have returned to Champaign, where Bruce is a research engineer with Flo-Con Systems. He says, "We missed Champaign during my four years with Firestone and are happy to be back in town."

1977

Richard K. Cannon, who received his J.D. in May of 1980, has been admitted to the State Bar of Texas. He is also qualified to practice before the United States District Court for Northern Texas and in the State of Illinois. He is

now associated with the Dallas law firm of Hubbard, Thurman, Turner, Tucker, and Glaser, which specializes in patent, copyright, and trademark matters.

Jeffery S. Carlson was married to Peggy McKeller in Ithaca, New York, on February 14, 1981. The Carlsons are living in Henrietta, New York.

William C. Chedister is on educational leave of absence from the Delco-Remy Division of General Motors. After a summer of travel in the United Kingdom and Western Europe, he will begin his graduate studies. He writes, "I am very satisfied with the opportunities afforded by my General Engineering degree and especially appreciate the experience of working on a team in the G.E.242 project with Professor Hugelman and the other group members in the spring of '77."

Shauna M. Clarke, formerly a drilling engineer with Phillips Petroleum, is now a drilling engineer in the Mesa Petroleum Company's Gulf Coast Office in Houston.

Daniel A. Donahoe and his wife, Kaye, had their first child on December 30, 1980. He is working on his M.B.A. and has passed the halfway mark. He is also registered to take the Professional Engineer examination this year and feels that it will be a good test of his General Engineering training.

Steven E. Mair finished his M.B.A. in Urbana in 1979 and began with Caterpillar Tractor Company at that time. He and his wife, Paige Kelso Mair (Anthropology '79), moved to Tampa, Florida, in June where he will be calling on Caterpillar dealers in Florida, Georgia, and Alabama.

1978

Cathy Lynn Ward received her Professional Engineer, Mechanical, License in February in the State of California. She is currently a sales engineer with Honeywell in Berkeley, California.

Roger D. Reem is a senior engineer with Mason & Hanger-Silas Mason Co., Inc., in West Burlington, Iowa.

Glenn A. Betourne is currently working on his M.B.A. at Butler University. Andrew Tyler, the Betourne's first child, was born on March 6th of this year. Glenn is a project engineer with Schwitzer Corporation pumps section in Indianapolis.

Charles H. Mottier received his J.D. from the University of Illinois this year. He is with Leysic, Voit, Osann, Mayer & Holt, Ltd. in Chicago.

1979

Thomas E. Parker an engineer/manufacturing with the John Deere Company has transferred from the Dubuque, Iowa, office to the Davenport Works.

James R. Gunnison and his wife, Kathy, have a new son, Shawn Mathew, born February 22, 1981. Gunnison is an associate engineer with IBM in Charlotte, North Carolina.

Tod C. Green is working on his Master of Engineering Management at Northwestern. As of January, 1981, he is a project engineer with Illinois Tool Works.

Allison Eileen was born to Lt. and Mrs. David O. Reip on April 23, 1981. Lt. Reip is on duty with the Air Force at Kirtland AFB, New Mexico.

Mark R. Menarik is a sales engineer with Perkin-Elmer Corp. in Arlington Heights, Illinois. His area is marketing

P.E. Transaction Processing, CAD/CAM and Scientific Data Processing 32-bit Computer Systems.

1980

Eugene V. Dunn, Jr., is attending the J.L. Kellogg Graduate School of Management at Northwestern University, Chicago Campus. His M.B.A. will carry specialization in quantitative methods. He finds that G.E. 288 provided a good background for solving linear programming problems.

Thomas Tanner and Martha Vance, daughter of Eugene Vance, Director of Special Programs of the University of Illinois Foundation, chose October 17, 1981 as their wedding date. Tanner is with the Aircraft Engine Group of General Electric in Cincinnati, Ohio.

Brian G. Eberle is now a law student at the University of California.

Susan Kenny is an associate engineer with IBM in Austin, Texas.

Gregory C. Kuenzig is with Gerber Systems Technology as a programmer in software maintenance in Hartford, Connecticut.

Eric M. Austin has completed his master's degree in Theoretical and Applied Mechanics, and is now a consulting engineer with Anamet Laboratories, Inc. in Montgomery, Illinois. As do many other General Engineering graduates Austin feels that his background in G.E. is very helpful in helping solve the wide variety of engineering problems his firm handles.

J. Brian Galley is working as a field engineer for the Wisconsin Department of Natural Resources. He would be very pleased to hear from his 1980 classmates.

1981

Brian Quinn is a project engineer for Amoco in Whiting, Indiana. His work includes both civil and mechanical engineering projects. He is also working on an M.B.A.

