



GENERAL ENGINEERING NEWSLETTER

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

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THOSE RETIRING PROFESSORS



ROBERT P. BORRI

Dr. ROBERT P. BORRI is retiring this semester from the University of Illinois after a 40-year teaching career. Professor Borri has been teaching in the Department of General Engineering for 30 years. Before joining the U. of I. faculty, he taught 10 years in public school systems as well as teaching short terms at Penn State and Indiana State Universities.

During the first half of World War II, Dr. Borri served as a civilian instructor in the Pennsylvania State School of Aeronautics training aircraft mechanics for the Air Force. In the latter part of the war, he was an engineer on a shipbuilding program for the U.S. Navy.

Professor Borri received his bachelor's and master's degrees from the University of Illinois and his doctoral degree from Penn State University.

After retiring and sorting through 40 years' accumulation of notes and papers, Professor Borri hopes to do some teaching on a part-time basis and some writing. He is looking forward to spending more time with his family — wife Faye, children and grandchildren. He also plans to do some traveling and hopes to try his luck at fishing as well as spend some time with his other hobbies — shopwork and photography.



ROBERT A. JEWETT

Professor ROBERT A. JEWETT retired from the Department last summer but returned on a half-time basis for the 1975–76 school year. Now, however, he is really stepping down as teacher and “activities chairman” in the department. Bob has served as faculty liaison with the G.E. alumni, been editor of the Newsletter and chairman for the annual Industrial Symposium. He joined the faculty in 1953, coming from Pittsburgh, Pennsylvania, where he was employed first by Dravo Corporation and then by Koppers Company.

During the greater part of his time at UIUC, Professor Jewett has been course chairman for G.E. 220, History of Engineering. Very recently he twice taught his history class at the Alpha Tau Omega fraternity house. Since assuming responsibility for G.E. 220 he has done historical research and published articles on the development of the structural I-beam. Bob has been a popular speaker at student meetings, gaining the reputation for “wisdom and wit.” In 1966 the engineering students chose him as Honorary Knight of St. Pat.

He graduated from the University of Nebraska in 1932 with a B.S. in Architectural Engineering. Two years later he

(continued, page 4)

TEN YEARS LATER-CLASS OF '66



Reviewing a new ship design are Harry Keeling, Dave Burge and Capt. Allen Jones.

BURGE HAS OPENED HIS PATENT LAW OFFICE IN CLEVELAND

DAVID A. BURGE is a patent attorney. After graduating with highest honors and the E.S. Fraser Award, he participated in General Electric's patent lawyer training program and spent six years in association with patent law firms in Washington D.C. and Cleveland, Ohio. Dave recently opened his own suite of offices in the main business district of Shaker Heights, an attractive Cleveland suburb. His patent, trademark and copyright practice now includes corporate and individual clients over the United States and in Canada and Europe.

In the summer after graduation Dave and his wife Carol met in Washington. They married that Thanksgiving. Together, with Doug, 8, and Teddy, 6, the Burges now number four. Dave and Carol enjoy landscaping as a mutual hobby, and organized a program to coordinate the efforts of their neighbors to spectacularize their residential area of Shaker Heights. The program has drawn wide interest as a model for successful achievement of neighborhood improvement. Dave is also active in Kiwanis and in engineering and bar associations. Having two small sons provided added kick for Dave's special hobby of inventing toys, and he now has more than 20 creations of his credit, many with patents pending, several in license negotiation with prominent toy manufacturers.

Having spent much of his boyhood with supervising assembly and repairs to machinery and material handling equipment at his father's farm machinery sales agency, Dave has been deeply involved with technology, from the start. Now, through his patent practice he deals daily with engineers and engineering developments, and is in regular attendance at seminars, keeping abreast of changes in technology and patent law.

Dave finds infinite challenge in his patent practice, and great stimulus in his association with prominent inventors. One client of note is Dr. Harald Funk, who appears in the



Dave's extensive patent law library includes several rare works as well as current treatises.

International *Who's Who* and makes his home in three countries. Dr. Funk is internationally known as a consultant and an inventor of thermodynamic processes for the conversion of industrial, municipal and household wastes into usable industrial products.

Another distinguished client is Capt. Allen Jones of Virginia Beach, who is working with the well-known naval architect Harry Keeling on inventions concerning semi-displacement hydrofoil ships. These hybrid ships are now coming into vogue for high speed coastal transport of cargos which now move over land by truck. Negotiations for use of these inventions are now underway with the US Navy and manufacturers here and abroad.

Students considering the practice of patent law and who have questions an experienced practitioner might answer are invited to write or call Dave at his office: David A. Burge Co., 13111 Shaker Square, Suite 304, Cleveland, Ohio 44120, telephone 216/751-4994.

CRISEL IS A PROJECT ENGINEER WITH ELI LILLY

JOHN J. CRISEL has been working continuously for Eli Lilly and Company in Indianapolis since graduation.

For the first three years John worked as an industrial engineer in the Liquid and Ointment Division and later in the Printing area. The next four years were spent in the personnel section of Antibiotic Production and Development Division. It was during this time that John visited UIUC in the combined role of alumnus and industrial recruiter.

Crisel is now a Senior Project Engineer for International Facilities Planning. His duties include reviewing all projects greater than \$100,000 and forecasting the capital expenditures on a monthly basis for the whole corporation. He also deals with the initial planning and development of projects for the International operations.



COMMONWEALTH EDISON'S ELECTRICAL SUBSTATION CONSTRUCTION. Left: rough-graded site with temporary electrical supply and construction trailers. Center: Installation of foundations. Right: stringing of wires to a transformer in the 138,000 volt yard in the foreground.

John earned his MBA in 1968 from Butler University. Although there are more business than engineering aspects in his job assignment, John feels that the G.E. curriculum definitely prepared him satisfactorily.

Crisel met his wife, Rae Marie, at Lilly, where she is currently a biochemist. They have a two-and-a-half-year-old son. In addition, they own and operate a 215-acre farm.

HORA IS MANAGEMENT CONSULTANT IN CHICAGO

MICHAEL E. HORA went on to earn his MBA at Loyola University. As foundry maintenance superintendent for National Castings, Midland-Ross Corporation, he implemented management techniques that resulted in the reduction of manhours and costs, the installation of a preventive maintenance program using electronic data processing, and a continually improving safety record.

Mike changed to Signode Corporation where he served as maintenance manager. Here he improved material flow and production efficiency through plant layout changes, including relocation of 125 unit punch press department with minimal interruption to production.

For the past three years Mike has been a management consultant with A.T. Kearney, Inc., Management Consultants, Chicago. In this capacity he deals with organizational evaluations, operating systems and procedures development, creation of capitol spending programs, implementation of direct and indirect cost reduction plans, energy audits, plant layout and facility planning.

Mike has been involved in a wide variety of industries such as: farm equipment, road building equipment, ore crushing equipment, refinery construction and operation, foundries, food and beverage, chemical processing and specialty steel production.

Mike and his family live in Bolingbrook, Illinois. He is a registered professional engineer, and finds time to write articles as well as appear as a speaker.

PETROVICH INVOLVED WITH ELECTRICAL POWER DISTRIBUTION

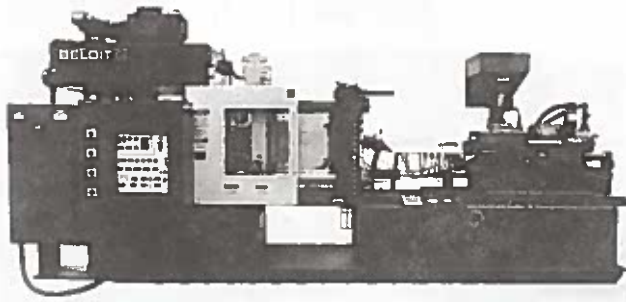
S.B. PETROVICH joined Commonwealth Edison Company in Chicago within a year of his graduation and has remained there ever since.

Petrovich was assigned to Transmission Engineering and Transmission Construction Division. His work responsibilities included all engineering aspects required for installation of overhead and underground high voltage transmission lines. These aspects comprised design, preparation of drawings and specifications, field supervision and work coordination.

From 1973 his duties in Station Electrical Engineering Department involved a variety of projects associated with maintenance and operation of Edison's electrical substations. These substations are supplied with bulk electrical power at 345,000 or 138,000 volts. They, in turn, deliver this energy to distribution network in form of "feeders" at 12,000 volts. The substations and "feeders" form an electrical grid system that provides Chicago and northern Illinois with electrical energy.

Petrovich is a member of the structural group within the Station Electrical Engineering Department responsible for yard grading and drainage, equipment foundations, access roads, buildings and other associated structural work. The most recent project was the substation near Wayne, Illinois. Handling of the project required close cooperation with the electrical design engineer, supervision of specifications and drawings prepared by a consultant (Babbin and Associates) and close coordination of work among other departments involve — Real Estate, Purchasing and Construction.

The work also requires knowledge of and compliance with various City, County and State building codes and ordinances for site development and construction. Presently, Petrovich is preparing engineering plans for modifications of existing substations to meet Environmental Protection Agency's Oil Spill Requirements mandated by 1972 Water Pollution Control Act.



ONE OF BELOIT CORPORATION'S PRODUCTS — a plastic injection molding machine.

SAMLAN IS PATENT COUNSEL FOR BELOIT CORPORATION

On receiving his General Engineering degree BRUCE L. SAMLAN attended DePaul University Law School. He earned his law degree in 1969 and went to work as a patent attorney for Westinghouse Electric Corporation, Pittsburgh. Here he was involved in obtaining patents on steam turbines, gas turbines and heat transfer equipment.

During the summer of 1971 Bruce moved to Beloit Corporation, Beloit, Wisconsin, where he is presently a patent counsel. His work involves protecting the intellectual property of the Corporation and dealing specifically with paper-making machinery and plastic-forming machinery. He has negotiated licenses on behalf of the Corporation in many European countries and in Japan as well as in the United States and Canada.

Samlan is also active in a side venture of selling a new product for diabetics and coronary patients called Batter-Lite diabetic cake mixes.

ODELL IS MANAGER WITH ARTHUR ANDERSON & COMPANY, CHICAGO

MYRON G. "MIKE" ODELL remained at the UIUC campus to earn his MBA, with emphasis on Production and Marketing, in 1968. Mike then joined Arthur Anderson and Company, a CPA firm, in Chicago in the Administrative Services Division. The A/S Division could be considered the management/systems consulting branch of the firm and is involved with most aspects of business electronic data processing (EDP) and management information systems.

Within a few months Odell was inducted into the U.S. Army and served his two years at Ft. Meade, Maryland in the First USA Data Processing Center. He attained the position of Chief of the Plans and Management Office dealing in special studies related to the equipment, systems and operations of the Center.

On rejoining Arthur Anderson and Company, Mike was involved in various EDP assignments which included programming, systems design and analysis, testing and installation, and procedures development. In mid-1975 he was given as assignment at a Pennsylvania hospital. Since then he has specialized in the Health Care field, working with many business and EDP aspects of our hospital clients. Mike points out that, of necessity, the Health Care Industry

is changing rapidly and therefore is challenging and in need of better business/management systems and techniques.

Odell, now Manager with AA & Company, is responsible for the overall supervision of client engagements and directly involved in actual "consulting" with Administration, Controller, and Board levels of the client institutions. He is a member of HFMA (Hospital Financial Management Association) and has spoken to both state and national conferences.

While on the Pennsylvania assignment Mike met Cindy; they were married in December, 1972. Cindy keeps herself busy as a computer operator.

Since 1972 Odell has been active in the Sports Car Club of America. He has worked for many years as a corner and safety worker and holds a National license in Flagging and Communications. During the winter of 1974 he and a friend converted his street AMX into a B-Production road racer. Last summer he raced the AMX and earned his Regional and National Competition licenses. Cindy holds a National License in Timing and Scoring.

Mike Odell feels that his overall engineering background and approach has been very useful in his career as a management/system consultant.

ROBERT A. JEWETT (continued)

received his M.S. in Civil Engineering from Georgia Tech. While in industry Bob was a structural engineer engaged in the design of steel and concrete structures.

Professor Jewett is a registered professional engineer in Illinois and Pennsylvania. He was president of the Champaign County Chapter of Illinois Society of Professional Engineers during 1966-67. For a number of years he served as faculty advisor for the NSPE student chapter at UIUC, extending this activity to chairmanship of the Committee on Student Chapters at both the state and national levels. His leadership in this area was recognized in 1972 when the Illinois Society of Professional Engineers presented Bob with the Illinois Award for "exceptional contribution to the engineering profession." He is a member of ASEE and ASCE as well as NSPE.

In community service Bob has long been active in church work. He is presently an elder in the Presbyterian church. In 1972 the Champaign-Urbana Jaycees presented him their Layman of the Year Award. He has been involved with the Campus Crusade for Christ and most recently with the Christian faculty-staff program.

Bob is quite proud of his record of never missing a class because of sickness. He credits this to the low-key jogging program which he pursues on his own initiative. Another hobby, one of many years, is music. Bob played bass clarinet briefly in the UIUC concert band. In addition he plays piano, and is now emphasizing classical guitar.

Thirty-seven years ago in Lakeland, Florida, Bob met and married the former Mary Lee Davis; and, that's exactly where they are headed now in retirement!

FACULTY NOTES

Professor J.S. DOBROVOLNY continues to be a National Director to the National Society of Professional Engineers' Board of Directors. He attended the annual meeting in Minneapolis in June, 1975 and the midyear meeting in Albuquerque in January, 1976. Although completing his year as President of the Illinois Society of Professional Engineers in May of 1975, Professor Dobrovoly continues on the Executive Committee as immediate past president. He is also serving as Chairman of the Nominating Committee.

This year on the campus he has been elected Secretary of the Illinois Chapter of Sigma Xi for 1975-77. In addition, he is Chairman of the Faculty Senate Committee on Fringe Benefits.

Professor THOMAS F. CONRY has been appointed to the Executive Committee of the Design Engineering Division of the American Society of Mechanical Engineers. The appointment is for five years. He will serve as chairman of the Papers Review Committee for these next two years. His responsibility will be to coordinate paper review policy among the technical committees of the Division.

Professor L.D. METZ attended the 1975 Winter Annual Meeting of the ASME in Houston, Texas, this December. He presented a paper, "On the Design of Variable Antidive Vehicle Front Suspension Systems," which resulted from a G.E. 242 project sponsored by the Ford Motor Company. The paper will appear soon in the Transactions of the ASME, Journal of Engineering for Industry. Professor Metz was also the vice-chairman of a technical session under the auspices of the Design Engineering Division of ASME.

While in Houston, Dan stayed with a former GE student, Mr. Louis J. Mancini. Lou recently completed his Ph.D. in Operations Research at Stanford, and is now working for Shell Development in Houston. Dan reports that, although Lou has achieved professional success, he still needs some more coaching on the handball court!

Dr. JAMES W. PHILLIPS joined the engineering faculty at the University of Illinois in 1969. Until this year, he had been teaching only in the Department of Theoretical and Applied Mechanics. This year, in response to an unusually heavy teaching load being placed on the Department of General Engineering, he holds a joint appointment in G.E. and in T.&A.M., and is assisting Professor Eugene I. Odell in connection with G.E. 232, "Engineering Analysis-II." Professor Phillips has enjoyed meeting and working with the many qualified students in the General Engineering curriculum, and has welcomed in particular the opportunity to develop a set of notes on the finite element method of structural and continuum mechanics for presentation in G.E. 232.

Professor Phillips is originally from Washington, D.C., where he attended Catholic University and graduated with a B.M.E. degree in 1964. His graduate work was done at Brown University in Providence, R.I., where he studied under Professor H. Kolsky in the area of stress wave propa-



JAMES W. PHILLIPS

gation in solids. His research interests currently lie in the areas of stress wave propagation in fluid-filled pipes, perforation and penetration of plates by impact, dynamics of cables and springs, and related problems. He has served as consultant to Rodman Laboratories (Rock Island Arsenal, Rock Island, Illinois), and has reviewed contract proposals for the U.S. Army. He has also conducted research for the National Science Foundation and for Argonne National Laboratories, and has authored or co-authored about fifteen technical articles. He is a member of the Society for Experimental Stress Analysis, and is co-editor of the monthly publication, *Mechanics*, published by the American Academy of Mechanics, of which he is also a member.

THOMAS L. ROBERTSON joined the Department as a graduate teaching assistant last fall. He is currently working on a Ph.D. in Vocational-Technical Education. After graduating from Purdue University with a Bachelor's Degree in Electrical Engineering Technology and a Master's in Industrial Supervision, Tom worked for Peabody Coal Company in the electrical area of surface coal mining. He is currently writing a book on electrical surface mining activities and plans to teach in a technology curriculum upon graduation. Because of this background in mining technology Tom is co-advisor to one of the G.E. 242 project teams.

Dr. D.C. O'BRYANT has been named by the Engineers' Council for Professional Development (ECPD) as a consultant to the Minority Introduction to Engineering (MITE) program. The national MITE effort was patterned after the Inner-City Engineering Orientation Program which was held on the Urbana campus from 1969 through 1973. The MITE program started in 1974 with ten programs on ten university campuses with 352 minority participants. Last summer (1975) there were 30 programs on 25 different campuses hosting 1211 participants including 537 females. Follow-up studies conducted by Dr. O'Bryant show that between 74 and 80% of the 1975 participants who responded to a questionnaire intend to study engineering or a related area. Of the participants in the 1974 program, 66% are currently studying engineering or related areas.

The 1975 MITE program was funded by nine different companies and foundations and was coordinated by ECPD.

SUMMER PROGRAMS FOR HIGH SCHOOL STUDENTS

This summer the College of Engineering will host four different programs for high-ability high school students who wish to find out about engineering. Each program will have 40 participants.

The Summer Science Training Program, funded by the National Science Foundation, will have a six-week program under the directorship of Professor Jerry S. Dobrovolny. This program is the sixteenth of its type to be conducted on the Urbana campus.

The Junior Engineering Technical Society (JETS) will sponsor a two-week summer program. Professor D.C. O'Bryant, JETS State Director, will coordinate the program.

The third year of the Minority Introduction to Engineering (MITE) will hold two-week programs. These programs are for minority students and are part of the nationwide MITE effort. Directing these programs will be Prof. D.C. O'Bryant and Assistant Dean Paul Parker of the College of Engineering.

Professor Gordon Martin, as he has done for the past sixteen years, will be setting up the academic content for the programs and will teach mathematics as applied to engineering problems to the participants.

ENGINEERING OPEN HOUSE

REVOLUTIONS IN ENGINEERING was the theme of the 1976 Engineering Open House which took place March 5 and 6 on the Urbana campus. Laboratories and classrooms were converted for this yearly exhibit of student activities.

The Department of General Engineering had a Hospitality Room, displays from design course projects, and a computer in action. Also shown were displays of material from engineering law and history and the activities of ISGE and JETS. The Transportation Building was the site for these displays.

GAMMA EPSILON NEWS

The fall initiation banquet was held November 3, 1975, at the Round Barn Restaurant. Ten new members were initiated, including two seniors, BRIAN BRIGGS from Melrose Park and ROBERT P. GOMBAS of South Holland. The other initiates, all juniors, were ALBERT CHAN, Oak Park, JOHN WILLIAM DAY, of Nashville, TERRY W. DITCH and DANIEL J. LAMBERT from Joliet, GREGORY L. IVES, Champaign, MARY R. JANKOWSKY of Benton, PHILIP D. LAMOVEC from Elmhurst, ROBERT G. TWICKLER, Chicago, MARK A. WHITE from Mt. Vernon and THOMAS S. ZYCH of Lansing.

This spring Gamma Epsilon is planning two field trips: one to the Caterpillar plant in Danville, Illinois, and the other a canoe trip at Turkey Run State Park, Crawfordsville, Indiana.



LYNN RICHARDS

KNIGHT OF ST. PAT

Lynn Junas (Mrs. Lawrence K.) Richards, '76, Champaign, was the only G.E. student to be selected as a Knight of St. Pat this year. Lynn has been active in the Society of Women Engineers and Engineering Council and a member of the Illinois Society of General Engineers.

For four years Lynn has been a member of the student section of S.W.E., UIUC, and assisted with the society's open house display. Her last two years she has been representative to Engineering Council from S.W.E. In addition, Lynn was coordinator of the tutor program, chairman of the Mom's Day Committee, a member of the Scholarship Committee, and vice chairman of the Society of Women Engineers in her junior year.

I.S.G.E. ACTIVITIES

On February 4 I.S.G.E. held its first meeting of the semester. First order of business was the election of officers. Those chosen were: JEFF OLSON, '77, president; TOM ZYCH, '77, vice president; BRAD DICKSON, '77, treasurer; and ED LIEBENTHAL, '78, secretary. After the election several faculty members discussed the possible career choices open to a student in the General Engineering curriculum.

Tentative plans for activities for the remainder of the semester were outlined. These include a picnic which, hopefully, will be May 1. Any interested alumni are asked to contact the General Engineering Department office later in the semester for further details.

Next meeting of the society will be March 10. As of this moment, the program for that meeting will be a consideration of the advantages and disadvantages of a graduate degree.

FOURTH DECADE OF LIFE MEMBERS

Life members of the General Engineering Constituent Alumni Association who graduated during the decade of the '50's are recognized in this issue of our NEWSLETTER.

'50	William A. Chittenden	Elmhurst, Illinois
'50	Vernon R. Kaufman	Cedarburg, Wisconsin
'50	Robert E. Mollman	Chagrin Falls, Ohio
'50	Thomas W. Palmer	Scottsbluff, Nebraska
'50	J. William Bullock	Colorado Springs, Colorado
'51	Milton F. Brunner	Indian Head Park, Illinois
'51	Walter E. Deuchler	Aurora, Illinois
'52	William A. Sommer	Peoria, Illinois
'53	Wendell C. Hildenstein	Highland, Illinois
'55	Frank J. Myslinski	Chicago, Illinois
'55	Roy A. Burt, Jr.	Littleton, Colorado
'55	Francis P. Smith	Sherman Oaks, California
'56	William P. Quinn, Jr.	Palos Verdes Peninsula, California
'57	Charles W. Quantock	Laceys Springs, Alabama
'57	Charles J. Kustner	Brookfield, Wisconsin
'57	Stanley R. Felderman	Woodland Hills, California
'58	Phillip L. Kenner	Akron, Ohio
'59	Andrew Ekblaw	Scotia, New York
'59	Jarver F. Gaffney	Brookfield, Wisconsin
'59	Richard K. Keyzer	Houston, Texas

The following decade experienced quite a surge of G.E. graduates subscribing to LIFE MEMBERSHIP:

'60	Marvin L. Mrnka	Deerfield, Illinois
'61	Donald A. Cunningham	Matteson, Illinois
'61	James G. Govaia	Sappington, Missouri
'61	Richard L. Remmert	Champaign, Illinois
'62	Lyle D. Gerdes	Bloomfield, Connecticut
'62	Elwyn F. Henning	Modesta, California
'62	Albert W. Landeck	Gahanna, Ohio
'62	Arno R. Myers, Jr.	Kenilworth, Illinois
'62	Artemus W. Pulford	Freeport, Illinois
'63	Gresham T. Brebach, Jr.	Barrington, Illinois
'63	Champ W. Davis	Elmhurst, Illinois
'63	Philip A. Deckowitz	Des Plaines, Illinois
'63	Constance J. Mayer	Huntington Beach, California
'63	Charles K. Meyers	Elnora, New York
'63	Michael R. Phillips	Orinda, California
'63	Inno Rasina	Placerville, California
'63	Herbert J. Singer	Northbrook, Illinois
'64	G. Richard Armstrong	Dorsey, Illinois
'64	Michael L. Cline	Warner Springs, California
'64	Ronny H. Hausch	Elk Grove Village, Illinois
'64	Robert D. Leonard, Jr.	Winnetka, Illinois
'64	Robert A. Pavelick	Springfield, Illinois
'64	Dale W. Weaver	Cincinnati, Ohio

IN MEMORIAM

You will be sorry to learn that in the past two years death has taken its toll of General Engineering graduates. WALTER SCOTT LAWRENCE, JR., '34, Fairfield, died June 7, 1974 followed by ELWYN FRANK HENNING, '62, from Kewanee, in August and RAYMOND ANTHONY KIRMAIER, '43, New Madrid, Missouri, on December 14. In 1975 ERNEST PETER REKLIS, '39, Havre de Grace, Maryland, died April 29, GERALD KEIJI KITA, '63, Linglestown, Pennsylvania, in the fall and HOWARD RAYE STELZRIEDE, '31, West Frankfort, on November 10. Add

to these ROBERT EARNEST BUTLER, '45, of Grants Pass, Oregon, who died since last spring.

ALUMNI NEWS

'45 LAVERNE F. JOHNSON is in Pittsburgh, Pennsylvania, with Combustion Engineering, Inc., as district manager in charge of nuclear and fossil steam generator sales.

'56 GEORGE S. VAN SCHOICK was promoted to plant engineer for Union Carbide Corp. plant at Ottawa, Illinois, in April, 1974. In addition, during September, 1975 he was made head of the Product and Process Control Engineering group which includes PAUL D. CAPPONI, '73, and MBA, '74, as an engineer. On the side, George and his wife Carolyn own radio station WOLI-FM in Ottawa. Carolyn is the station manager.

'60 MELVIN FRANCIS JAGER, Law, '62 continues to find his G.E. background helpful in his practice of patent law as a partner in the firm of Hume, Clement, Brinks, William, Olds and Cook, Ltd. He has moved his family to a new home in Glen Ellyn to give his four children "more space."

'62 JERRY L. SNIVELY is president of Genesis Systems, Inc. The organization, which is located in Lynchburg, Virginia, is a computer software and service bureau specializing in mailing and contributions systems. Before joining Genesis Systems Jerry worked over 10 years for Eli Lilly & Co., in engineering, personnel administration and computer areas. On the side he plans to complete studies required for a Master's Degree in Christian Education at Liberty Baptist Seminary next year.

'65 C. WESLEY ROWLEY, M.S. Nuclear Engineering, '67, is currently a consultant engineer in the Plant Support Services Department of Nuclear Services Corporation, an independent consulting firm for the nuclear industry. He has been with N.S.C. since December, 1971.

THOMAS STUART SNOW was recently promoted from corporate technical manager to division production engineer which in turn led to his assignment, effective January 1, 1976, as plant manager of Sperry, Iowa, plant of U.S. Gypsum Co. The primary products manufactured at this facility are wallboard and supplement sulphur bearing granular gypsum products.

'67 RICHARD L. BACHTA is Assistant Air Operations Officer and aviator with the U.S. Navy. He reported aboard USS Saratoga in November and departed for the Mediterranean cruise in January expecting to return to home port of Jacksonville, Florida, in July. In the meantime, he is pursuing qualification as Officer of the Deck Underway.

ROGER A. MUSSELL received a Ph.D. from Ohio State University in August, 1974, and is presently professor and coordinator of Electronics Technology at William Rainey Harper College in Palatine.

ALUMNI NEWS

'68 DONALD C. BISHOP earned an MBA from L.S.U. in August, 1974. Very recently Don was promoted to contract manager, Commercial Telecom Division of the Collins Radio Group of Rockwell International at Richardson, Texas. He felt his promotion was timely because his wife Mary bore him "a son, Owen Alexander, on September 26, 1975. A great event since I was allowed in the delivery room and watched the 10 lb. 5 oz. 21½ inch baby arrive."

'69 JOSEPH J. BOGG is employed as a production engineer at the Chicago Tribune and lives in Homewood.

After gaining experience in marketing sales and service with UOP, JOEL G. HERNING is going into the firm's inspection department as inspection engineer. His new position will involve field work such as checking out refinery processes associated with UOP, metallurgy, corrosion, etc. For the present he will be based in Des Plaines.

'70 RICHARD B. HOFFMAN has been admitted to membership in the firm of McCaleb, Lucas & Brugman, patent attorneys, in Chicago.

'71 RODNEY JAY BAUDINO continues with the York Division, Borg-Warner Corp. in Madisonville, Kentucky. He and Mrs. Baudino welcomed their second son, Jared Matthew, who weighed in at 6 lbs. 3 oz. on September 15, 1975 at 10:50 p.m. Number one son, Jayson Michael, was two years old in January 17, 1976.

'72 DALE L. DURFEY, JR., is the new assistant village engineer of the village of Oak Brook, Illinois.

1st Lt. SAMUEL E. ESKRIDGE was married to Sandra Bernadine Williams on January 10, 1976, in Macon, Georgia. Sam is currently stationed at Fort Knox.

'73 MAURICE G. MALAISE has moved to Glen Ellyn where he is employed by Walter E. Deuchler Associates, Inc.

'73 ERIC L. TERLIZZI married the former Janet Harmon (BA in English Education, '74, UIUC) in December 1973. Eric will complete his law degree here at Urbana next spring.

'73 RALPH J. WAGNER earned his MS in Environmental Engineering from the Department of Civil Engineering, UIUC in the summer of 1973. He began working for Union Carbide in Tonawanda, NY, immediately. He received his first promotion early this year, moving up to Assistant Staff engineer, UNOX Mechanical Systems Development. He has been working in the area of mixing and mass transfer of submerged turbine dissolution devices for UNOX applications. He is a coinventor for such a system, which has been submitted to the U.S. patent office.

'73 MARK E. WUTHRICH works for Caterpillar Tractor in Peoria. He married the former Cheryl J. Schrock of Congerville, Illinois, in September, 1974. Cheryl has been working part time as an R.N. at the Methodist Hospital in Peoria.

PAUL NEWHAGEN is production control manager for MDS division, Fairchild Semiconductor at Mountain View, California. His responsibilities include inventory control, new product planning, packaging, factory planning and billings. Paul has become a house-owner in the past year. Any spare time is devoted to backpacking or river rafting in the summer and skiing in the winter.

'74 MARK C. BENTON received an M.S. in Mechanical Engineering from the University of Wisconsin last December. He is continuing on for a Ph.D. in the same field while his wife, Becky, '74, works on a Master's Degree in Communication Arts at the University of Wisconsin.

'74 THOMAS H. KUSEK, upon graduation, started with the U.S. Army Corps of Engineers, Chicago District, as a trainee. During the training program Tom was involved in a survey of all dams in the State of Illinois, and in the design and construction of small boat harbors in Michigan and Wisconsin. Recently he has moved to the Operations Division to specialize in navigation on the Illinois Waterway and Chicago Harbor.

'74 ROBERT C. EDSTROM earned an MS in Mechanical Engineering on a company sponsored program. He has returned to the Bell Telephone Laboratories in Naperville where he is involved in a heating, cooling, and ventilation analysis of a modular switching office, as well as a cost and applicability study of a replacement connector.

'74 NEAL C. NEALIS has resigned his excellent position with Amoco Chemical Company doing construction in Texas, in order to enter the U. of I. Medical Center College of Dentistry. Last February Neal married a UIUC coed Pardee J. Ozuk.

'75 DIANE MARIE DeMARCO is employed at Hughes Aircraft, Los Angeles. Her work is with laser-electro-optics, supporting the production of laser range-finders by designing equipment to test them for reliability and stability.

HERBERT J. GREEN has moved to Denver, Colorado, where he is Campus Life Director for Youth for Christ in that area.

KENNETH MICHAEL GRACHAN is an electro-mechanical engineer with the Signal Division of Federal Signal Corp. in Blue Island. In his spare time Ken is working toward a Master's Degree in Electrical Engineering at Illinois Institute of Technology.

JAMES JAY SCHLEMBACH is a systems engineer with Monterey Coal Co., Carlinville.

CHANGE IN EDITORS

Since Prof. R.A. Jewett is retiring and leaving the community, there must be a new editor. Professor Dobrovolsky has called Prof. Grace Wilson out of retirement to take over the task.