JOANNE L. WAITE
President 1985-86
YOU ARE INVITED TO ATTEND
THE 50th ANNIVERSARY CELEBRATION OF THE
OUTSTANDING YOUNG ELECTRICAL ENGINEER
AWARD PROGRAM
THE AWARD BANQUET
WILL BE HELD AT
THE UNION LEAGUE, 141 SOUTH BROAD ST., PHILADELPHIA, PA.
ON
MONDAY EVENING, APRIL 21, 1986, 6:00 PM

FOR TICKET INFORMATION & RESERVATIONS, CONTACT:
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Student Award Winners

Text by Marcus Dodson

Yvonne M. Utzig
Winner 1985

YVONNE MARIE UTZIG with a GPA of 3.96 ranks in the top 1% of her class, was nominated by Zeta Theta HKN Chapter at California State Polytechnic University, Pomona. She was honored with membership in Tau Beta Pi, Phi Kappa Phi and Eta Kappa Nu and is a member of ASAE (American Society of Architects and Engineers) and SWE (Society of Women Engineers). She expects to receive her BS in EE in August of 1985. As an Industrial Trainee Mrs. Utzig wrote a memo entitled "Target Scintillation Effects of Track Radar Epsilon Measurements." She assisted in the HKN booth during "Poly Vue 82," an open house day, and was on the 77 Femmes Vestry track team. She is active in several churches.

For recreation she enjoys woodworking, gardening, camping, cake decorating and water skiing.

Yvonne M. Utzig
Winner 1985

Wins an all-expense paid trip to the Marriott Lincolnshire Resort for an award dinner in her honor from the A. B. Zerby Memorial Trust and a gift of $1,000.00 from the Carl T. Koerner Memorial Trust.

HONORABLE MENTION 1985

GREG LAWRENCE MEHALL with a GPA of 3.95 ranked first in his class, was nominated by the Beta Epsilon HKN Chapter at the University of Arkansas, Ann Arbor. He was honored with membership in Tau Beta Pi, Order of Omega and Eta Kappa Nu and is a member of IEEE. He developed and demonstrated leadership and organizational skills through serving in offices in honor societies and technical groups. He furthered his interest in electronic communications, while working at IBM in their fiber optics section. He served his community by assisting the elderly and blind, as well as children. He is active in his church. He participated in intramural sports, skiing, sailing and bicycling for recreation.

JOHN M. PATRICK with a GPA of 3.98 ranked second in a class of 412 seniors, was nominated by Epsilon HKN Chapter at the Pennsylvania State University. He was honored with membership in Tau Beta Pi, Alpha Lambda Delta, Pi Mu Epsilon and Eta Kappa Nu and is a member of IEEE. He has written and presented papers entitled "Diagnostic Programming Electrostatic Discharge Protection", and "Low Distortion Audio Power Amplifiers", as well as researched and written a paper in "Ultrasound Imaging" with Prof. K. Shung, Bioengineering Dept. Through HKN he has tutored classmates and his leadership is evidenced through his activities in the Engineering Student Council, IEEE and other organizations. He is a member of the University Choir and Penn State Singers and a voice coach. He is active in his church.

In addition to his music, Mr. Patrick participates in tennis, golf, racquetball and swimming.

JOSEPH THOMAS SAMOSKY with a GPA of 4.0 ranked first in a class of 211, was nominated by Beta Delta HKN Chapter at the University of Pittsburgh. He was honored with membership in Pi Eta Sigma and Lambda Sigma. He is also a member of IEEE. He has developed techniques in chemical and electromechanical instrumentation, including the necessary software, for laboratory use in neuro research on animal brains. He has taken the necessary basic science courses to enter Medical School and get a BS in Behavioral Neuroscience in April, 1986, coupled with his BS in EE. Mr. Samosky has served in the Engineering Student Cabinet and numerous volunteer organizations but most outstanding is his 4 year devotion to the "Skyscraper," the "engineering student" magazine. As editor-in-chief he brought it from near oblivion to an outstanding college magazine.

He has a "ham" radio license and enjoys music, piano composition and electronic synthesis, including equipment design and construction.

FINALISTS 1985

Mark Lee Heinrich
John Edward Jablonski
Jeffrey Lewin
Jeffrey Harald Sinsky
Jeffrey Landon Smith
Michael Davis White

Texas Tech University
U. Massachusetts, Amherst
North Carolina State U.
John Hopkins University
U. of Alabama, Huntsville
U. of Alabama, Birmingham

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Student Awards in the World Region

Sidney W. Allman
University of Manitoba

During the past year Eta Kappa Nu presented awards to outstanding students at three universities in the World Region. Mr. Sidney W. Allman of the University of Manitoba, Canada, was nominated by Dr. K. M. Mathur, Head of the E.E. Department and his faculty. Mademoiselle Dorine Szij of the Ecole Superieure d'Electricite, Paris, France, was nominated by Dr. J. L. Delcroix, head of the E.E. Department and his faculty. At the City University, London, England, Mr. Clive Croome was recognized as an outstanding undergraduate student and Mr. Philip Ridgeon was recognized as an outstanding Master of Engineering Student. Both were nominated by Dr. Arthur Ellison, Head of the E.E. Department and International Director of Eta Kappa Nu, and his faculty.

All of the award winners are straight A students and have received numerous other awards. Eta Kappa Nu presented them with substantial monetary gifts from the proceeds of the Paul K. Hudson Trust Fund and membership certificates in Eta Kappa Nu.

Dorine Szij
Ecole Superieure d'Electricite

Dr. Arthur Ellison, The City University, presents awards to Clive Croome (top photo) and Philip Ridgeon.
NEW OFFICERS AND DIRECTORS

Joanne Waite
President

While pursuing her master's degree, Ms. Waite spent summers working for the Columbia University Computer Center (CUC), the Computer Laboratory at the University of Cambridge (1968) and the Princeton University Computer Center (1969). Her son was born in Melbourne, Australia in 1970 and she devoted the next four years to full-time motherhood. In 1974 she joined the University of Colorado as a Systems Analyst at the Computer Laboratory for Instruction in Psychological Research, where she developed computer instrumentation for experiments investigating perception and memory. This work involved a local area network linking a variety of microcomputers to a mainframe, requiring a combination of hardware and software expertise that matched her EE and systems background. Since 1980, Ms. Waite has been a Senior Systems Analyst at the University Computing Center. She is in charge of the special projects group, and is responsible for working with users developing microcomputer applications.

Alan Lefkow
Vice-President

Alan Lefkow was born in 1942 in New York City and studied electrical engineering at the City College of New York (CCNY). He received his BSEE degree in 1965, and in 1968 he received his MSEE from Columbia University. Upon graduation, Mr. Lefkow joined American Electric Power as a systems planning engineer, responsible for the development of subtransmission power systems that served various regions of the state of Ohio. In 1989 he joined Consumers Union (CU), publisher of Consumer Reports, where he directed the body's personal and technical evaluation of audio product evaluation programs. He left CU in 1984 to join Singer-Kearfott where he is currently involved in interface management of spread spectrum communication systems for the armed forces.

Eugene Mleecko
Director

Eugene Mleecko was born in Los Angeles, CA on October 29, 1925. He served in the U.S. Navy from Feb. 1942 to Feb. 1946. He received his B.E. degree in Electrical Engineering in June 1947, from the University of Southern California. While a student at USC, he served as an officer in the IRE and AIEE Chapters; secretary/treasurer and vice-president of Upilon Chapter of Eta Kappa Nu; and president of Delta Chapter of Tau Beta Pi. He holds two electronic/electrical mechanical patents; has prepared and presented several papers at technical symposia; and authored the section on "Instrumentation Systems" for McGraw-Hill's Basic Electrical Instrument Handbook. He was a member of the Engineering Faculty at USC, teaching undergraduate and graduate students in Electrical Engineering and Electronics.

In addition to these activities, Mr. Lefkow is a contributing editor to the Bridge and has represented National Headquarters in the installation of Eta Kappa Nu college chapters in the New York tri-state area. Besides belonging to Eta Kappa Nu, Mr. Lefkow is a member of Tau Beta Pi, Blue Key, and IEEE. Among his special interests are music, civic affairs, and amateur radio.

Alfred L. Arnold
Director

Professor Arnold is a professor of Electrical Engineering at GMI Engineering and Management Institute in Flint, Michigan. He is 60 years old, married with five children. He holds the BSEE degree from Michigan State University with graduate studies at Michigan State and the University of Michigan. He has been a member of the GMI faculty for 23 years. Prior to this he was an electrical engineer for the AC Spark Plug Division of General Motors working on the design and application of ground support test equipment for inertially guided missiles. His present fields of interest are circuits and linear systems analysis, controls, and energy management systems. He is Chairman of the Electrical Engineering Curriculum Committee at GMI. He is past Chairman of the Northeast Michigan Section of IEEE and recipient of the GMI Alumni Teaching Award in 1981. Professor Arnold was instrumental in the establishment of Theta Epsilon Chapter of Eta Kappa Nu in 1978 and has served as Faculty Advisor since that time.

Mr. Mleecko worked for two years as engineer-in-charge of design, construction, and operation of a commercial radio station. Then in Jan. 1949, he joined General Tire & Rubber of California R & D laboratory, which later merged into Aerojet-General Corp. He worked in numerous Defense and Aerospace oriented technical and management assignments for Aerojet for almost 18 years. These ranged from infra-red missile guidance, development of warhead requirements and criteria for rocket propelled manned platforms, Technical Director of the Missile Range Division, planning and forecasting requirements 15 years into the future for the Pacific Missile Range: and Management of Marketing and Customer Relations. He joined the Hewlett-Packard Company in 1966, where he served as a Computer Specialist, Divisional Engineering Manager, and Business Manager for more than six years. He joined the Jennings Division of ITT as its Director of Marketing, responsible for all sales and marketing activities in a worldwide basis. This was followed by a position at OMR Inc., of America as Asst. Div. Manager, responsible for program management, business planning, and contract administration for its Information Products Div. He was then appointed General Manager for ALVEY/Control Flow, a material handling equipment company, specializing in the manufacture of sophisticated electronically controlled heavy machinery. In 1978, Mr. Mleecko entered the Aerospace/Defence Industry, where he was employed by the McDonnell Douglas Astronautics Company for its Harpoon Anti-ship Missile Program. After some initial management experiences, he is now responsible for the International applications of Harpoon, in his capacity as Director—Harpoon International Programs.

Mr. Mleecko is married to the former Flora Berridge, who attended Michigan State College (now University). They have two sons and a daughter. He is a member of the Burbank Civic Light Opera Company and the Burbank Bach Society Orchestra in California.
The First Time I Saw Paris

part eight

Victor and Edmond

by PAUL K. HUDSON
Editor — Bridge

Anyone who is interested in Victor Hugo could spend a week visiting things associated with him. There is an Avenue Victor Hugo extending from the Arch of Triumph to the Place Victor Hugo and beyond. There is another Victor Hugo Boulevard in the adjacent town of Neuilly. The reason I knew about that was because it is the location of the American Hospital. I would never have been willing to go to Paris without knowing where that was. There is a Victor Hugo Museum in the south-east corner of the Place Vosges, which is not far from the Cathedral and east of it. Hugo is buried in the Pantheon which is just a short way south of the Cathedral.

There are many things associated with Hugo's masterpiece Les Misérables which are of great interest. Towards the end of the book there is street fighting at a barricade. The hero, Jean Valjean, wants to get the injured young man Marius away from there to save him for his sweetheart Cosette. The only way he can do it is to carry him on his shoulders through the filth of the sewers of Paris—the intestines of the Leviathan as Hugo calls them. So—believe it or not, you can take a guided tour through the sewers of Paris. You do not wade through the filth as Jean Valjean did, but use a walkway built for the workers. The tours are twice a week and start from the Alma Bridge, up river just a few feet from the Eiffel Tower. As you walk along, the guide points out things of interest such as "Now there is the connection to Maxim's Restaurant." I cannot believe there is another city in the world where you can take a regularly scheduled tourist guided tour of the sewers—or would want to. You couldn't winch me into the sewers of New York City.

One of the minor but unforgettable characters in the book is the little urchin named Gavroche. He has no home and lives as best he can from the streets. But he does not sleep in the streets or under the bridges. He has his own private place. There is a large lathe and plaster elephant standing in the Place de la Bastille, in honor of Napoleon's campaign in Egypt. Gavroche found a way to get inside the elephant and he sleeps there. He covers himself with a wire-mesh tent to prevent the rats from eating him. The Bastille is, of course, gone but in its place is a monument called the July Column in honor of Parisians killed in July 1830 and 1848. This is the location of the elephant where Hugo imagined Gavroche to sleep. (see Photo). Gavroche does not get to grow up. He is shot dead at a barricade during street fighting. He has his rendezvous—a la Aun Songer—of which there have been so many real ones in Paris over the centuries:

I have a rendezvous with Death At some disputed barricade When Spring comes round with rustling shade And apple blossoms fill the air It may be He shall take my hand

Tourists (center right) enjoying a guided tour through the sewers of Paris—The Intestines of the Leviathan.

And lead me into His dark hand etc, etc.

Even Napoleon Bonaparte, with all his popularity, often worried about the terrible street barricades. There were no boulevards in those years and the street barricades could completely shut down the town and the country. On one occasion, when things were not going well in the field, he said to his officers, "I wonder what Paris will think of this."

I have a rendezvous with Death At midnight in some flaming town When Spring comes north again this year, etc.

Hugo himself was a most unusual man. He had a serious run-in with Napoleon III and that is in his favor. Anyone who had trouble with that guy couldn't be all bad. He was a keen observer and had deep feelings. Yet on the other hand his personal life was definitely on the seamy side. Hugo was totally and utterly irresistible to women, they were totally and utterly irresistible to him an he had an infinite
High Five

Fun with numbers—select any two digits. Multiply the first one by 5, add 7 and double the answer. Add the other digit selected and subtract 14. The final answer will be the same two digits you selected at the start.

Example—suppose we select the digits 4 and 8. Multiply 4 x 5 = 20. Add 7 and get 27. Double this and get 54. Add the digit 8 and get 62. Subtract 14 and get 48. The 4 and 8 of this answer are the same two digits we started with.

When things go wrong as they sometimes will
When the road you're trudging seems all uphill
When the funds are low and the debts are high
And you want to smile but have to sigh
When care is pressing you down a bit
Rest, if you must, but don't quit.

"The two worst things in football are: 1. that a 30-year-old professional athlete has to be locked up in a hotel room, with a curfew, the night before a game; and 2. they're right."—Safety Cliff Harris.

"Football is not a contact sport. It is a collision sport."—Coach Duffy Daugherty.

"Pro football is like nuclear warfare. There are no winners, only survivors."—Halfback Frank Gifford.

Some years ago, the keyhole columnists who delight in journalistic peeping gleefully reported the courtship of banker Terence Hartigan. It seems that Hartigan fell in love with Bubbles McGrath, a dance-hall crowded Minsky's burlesque. For several months, he squirmed her about in the fashionable circles of New York and Connecticut, and showered her with gifts. Deciding to marry her, and being a cautious man, he prudently hired a private detective to look into her antecedents and check on her current activities and associates. Hartigan was not about to make any rash mistakes. At last, he received the detective's report:

"The lady in question enjoys an excellent reputation, despite her burlesque career. Her past is spotless. Her associates outside the burlesque house are irreproachable. The only breath of scandal in her life is that, in recent months, she has frequently been seen in the company of a banker of doubtful reputation.

Birth of the Blues

King David and King Solomon
Lived merry, merry lives.
With many, many ladies
And many, many wives:
But when old age crept onwards,
With all its many qualms,
King Solomon wrote the Proverbs
And King David wrote the Psalms.
(Patrick Ireland)

The best short course in human relations we've heard about is this one published by columnist Norton Mockridge: "The six most important words in our language are, I omit! I made a mistake. The five most important words are, You did a good job. The four most important words, What is your opinion? The three most important words, If you please. The two most important words, Thank you. The single most important word, We. And the least important word, I."

If there were dreams to sell,
What would you buy?
Some cost a passing bell,
Some a light sigh,
That shakes from Life's fresh crown
Only a rose-leaf down.
If there were dreams to sell,
Merry and sad to tell,
And the crier rung the bell,
What would you buy?

(W. Beddoes)
Outstanding Professor

Awards

Andrew Blanchard
Winner

Ronald Roedel
Honorable Mention

Text by
John Spare

The 1985 winner of the prestigious C. Holmes MacDonald Outstanding Teaching Award for Young Electrical Engineering Professors is Dr. Andrew J. Blanchard of the University of Texas at Arlington. As usual, the finalist candidates who survived the preliminary screening by the Philadelphia Alumni Chapter for consideration by the national Jury of Award all had impressive credentials. Furthermore, the convincing dossiers assembled by the undergraduate chapters proved that a genuinely dedicated teacher is still highly regarded and appreciated by his diligent pupils. Eta Kappa Nu is proud to single out Dr. Blanchard for this well-deserved honor, but it also recognizes the other well-qualified candidates and the efforts in their behalfs by their nominators. In particular, the Jury was so impressed by Dr. Ronald J. Roedel of Arizona State University that he was recommended for honorable mention.

Dr. Blanchard received his early electrical engineering degrees from the University of Southwestern Louisiana and Colorado State University and his Ph.D. at Texas A&M in 1977. He has been at UTA since 1979 and became an associate professor in 1983. His professional activities include significant industrial research, leadership in technical societies, and important contributions to his academic department and university. All these are necessary attributes, and he has them in abundance, but it is as a superior teacher that he truly excels. His specialty, electromagnetic fields, often confounds students because they can no longer rely on their senses as they did in describing heat, light, sound, and even electric circuits. Dr. Blanchard overcomes this mystery with patience, understanding, and plenty of practical examples. Where the subject persists for certain students, he devotes hours to one-on-one tutoring in his office. His genuine interest in developing enthusiasm and scientific awareness in young minds is phenomenal, and his success in attracting graduate students to his specialty and in securing funding for advanced research speak for his persuasion and dedication.

The present vitality of the Epsilon Mu chapter of HKN at UTA is another tribute to Dr. Blanchard’s leadership. When he became faculty advisor, membership was declining, morale was low, and activities were almost non-existent. Now it is a very dynamic group, and election is a recognized and much-sought honor. Activities include academic, technical, and community projects, such as assistance to Cook’s Children’s Hospital. Most of Dr. Blanchard’s research and publications are in the area of field theory, antennas, and remote sensing (radar and geoscience). He has authored or co-authored over 35 technical papers and has been invited to participate in more than 15 lectures and seminars.

In IEEE Dr. Blanchard has been very active in two groups: Antennas and Propagation, and Geoscience and Remote Sensing, presently serving as editor of the latter’s Newsletter. In 1982 he chaired a special session of an International Symposium on Geoscience and Remote Sensing in Munich, FRG, and in 1985 he chaired a meeting on Radar Geology in Salt Lake City—both IEEE-related functions. He has been recognized as a Research fellow of the Texas Engineering Experimental Station.

Outside the classroom, Dr. Blanchard has been a consultant to many government and industrial research and engineering organizations, including such well-known groups as NASA, JPL, TI, and Conoco. Last year he formed his own company, Technology Consultants, of Arlington, Texas. He is a Registered Professional Engineer in Texas.

No well-rounded professional man shirks civic responsibility. Engineers in particular are especially qualified by training and experience to contribute to their communities. No exception, Dr. Blanchard is active in his local school district and his church. To be an informed citizen, he considers it his duty to keep abreast of local, state, and national affairs and to give voice to his opinions where his background warrants.

Although, as required, the undergraduate chapter at UTA initiated Dr. Blanchard’s nomination, it was heartily endorsed by his department head and the dean of engineering. All emphasized his dedication to effective teaching at all levels, his thorough preparation for every class and lecture, his continuous accessibility and concern for students, his contagious enthusiasm for his subjects, his high standards of professionalism, and his well-rounded civic responsibility. In short, he is an outstanding young electrical engineering professor, highly deserving of being honored with the C. Holmes MacDonald Award.

Dr. Ronald J. Roedel, Associate Professor of Electrical Engineering at Arizona State University in Tempe, who received honorable mention, has degrees from Princeton (magna cum laude) and UCLA preceding his Ph.D., also from UCLA, in 1976. Like the winner, Dr. Roedel is known on campus for the unusual amount of time he devotes to his students. He is a dedicated instructor, emphasizing first principles, but challenging students to original thought in applications. Students invariably remark on the enjoyment of his classes, even in such esoteric topics as quantum mechanics. Dr. Roedel regularly schedules voluntary recitation periods, where blackboard solution of optional problems is an informal team effort. Attendance is always 98%. Dr. Roedel was faculty advisor to the ASU HKN chapter from 1981 to 1985, and he serves on a number of faculty committees. His research is funded by four industrial sponsors in addition to DOD, SERI, and NSF, providing support for six graduate students and purchase of advanced laboratory apparatus. His more than 20 technical papers cover many semiconductor topics, concentrating on LED’s and other electro-optical phenomena. NSF has recognized Dr. Roedel as one of the first recipients of the prestigious “Presidential Young Investigator” award for his work on “Processing GaAs Semiconductor Materials.”

Ronald J. Roedel

Andrew J. Blanchard

14

15
Nicoletta

The ringing of our telephone one evening in the summer of 1955 changed our lives for many years to come. My wife answered and turned to me.

"That was a representative of the Experiment in International Living. I just agreed to take a girl from Genoa as our guest for one month."

A few weeks later, the Italian contingent made up of five young ladies and their leader arrived. Three of the girls were sisters, Birri, Gigna, and Mariana Accame and Birri was assigned to us. During the next month there was a busy round of parties at the homes of the official hosts, capped by a dinner prepared by the Italian girls. Many other friends helped to introduce Birri in American life by inviting us to dinners. When the group departed in September, we promised to come to Italy to renew our friendships.

Four years passed before we were able to fulfill our promises. Elizabeth then went to Genoa and spent two weeks at the Accame home with the girls and their parents. She then came to Milan where she met me at the Malpasso Airport.

A few days in Milan were followed by several in Venice before flying to Florence. Birri and Gigna met us there and we all went to the home of their older sister, Caterina Adorni-Braeesi.

Caterina and her husband, Mario, lived in an apartment next to the Strozzi Palace. Here we were inspected by three little girls, Nicoletta, Cecilia, and Beatrice Adorni-Braeesi. Nicoletta, the eldest, was just eleven years old.

We so enjoyed being with Gigina and Birri as well as the Adorni-Braeesi family that we returned to Princeton and attended the Italian language classes at the Princeton Adult School for five years. In the ensuing years we have been to Genoa and Florence many times and to the family farm at Cecina, while Birri and Gigna have returned to our home in Princeton.

In 1968, Nicoletta wrote to tell us that she was joining the Experiment in International Living in a visit to the United States. She told us the date of her arrival in New York and that she and her companions were to be taken by bus the same day to the headquarters of the Experiment in Putney, Vermont, for a few days of indoctrination before going to the western part of the country for several weeks. After this sojourn, Nicoletta was to visit us in Princeton for a month before returning to her home in Florence.

My wife immediately wrote back to Nicoletta to tell her that we would be at the airport in New York to greet her, if only for a few minutes before her departure for Putney.

Back came the reply, "It will be wonderful to see you. We are arriving at the Bradley International Airport at two-thirty in the afternoon of August eighth."

This information was startling when a little research revealed that this airport was halfway between Hartford, Connecticut, and Springfield, Massachusetts, one-hundred and fifty miles from Princeton.

But a promise made is a promise kept so on the appointed day we drove to the Bradley International Airport. We walked all over the building trying to find the point where this charter flight would arrive. The information desk was of no help. We inquired at several airline counters where the attendants were uninformed. Finally a janitor pushing a broom near us volunteered that charter flights did not come to a gate but disembarked at a large Quaker hut which served as a customs building.

We rushed to the customs shed just as the huge aircraft arrived and the Italian young people began to file down the stairs from the plane and into the customs area. We were introduced to Nicoletta now that she was a young lady? Finally and almost the last of the crowd, Nicoletta stepped through the door, waved and gave us a bright smile, and disappeared into the customs building.

Now that we were satisfied that she had arrived safely, we looked at the waiting crowd. Near us we saw two young men and a young lady holding a cloth sign eight feet long and two feet high mounted on two long poles and bearing the words: "Nicoletta—Welcome to U.S.A."

I rushed to the trio and asked, "Are you waiting for Nicoletta Adorni-Braeesi?"
Nicoletta

One of the men explained that they were waiting for Nicoletta del Meglio whose father was an important member of an Italian power company. The sign bearers were employed by an engineering company in Hartford which did extensive business with the Italian company. These people had been delegated to meet the Italian girl and take pictures of her with the welcoming sign and the welcoming committee. I learned of another problem facing them. They had forgotten the camera and were frightened at having to rush back to Hartford for this vital piece of equipment before the bus left for Putney.

As I listened to this plaintive tale, a young man with a Polaroid camera hanging from his shoulder strode by. I inquired, gave him five dollars, and hurried him back to the sign bearers, who had just found their Nicoletta. My photographer produced two pictures of the sign, the girl, and the relieved greeter, who gladly presented me with the sign.

When our Nicoletta stepped out of the customs area, she found us holding the huge greeting. Before we could explain how we had obtained the sign, she was hustled onto a bus and departed for Putney.

We discarded the poles, folded the sign and brought it back to Princeton. A month later, when Nicoletta came from her western journey to visit us, she was again greeted by the sign, this time displayed on the porch of our home. Nicoletta in the meantime had written to her parents to tell them of the sign awaiting her at the Bradley International Airport. Her mother, Caterina, wrote to thank us for our kindness and to say she wept when she heard of the welcoming sign. This made it difficult to explain that it was my flair for serendipity and opportunism that made possible the portable greeting card so we have never had the courage to reveal the truth.

Executive Secretary Honored

Professor Earl Steele (left) Junior Past President of Eta Kappa Nu, acting in behalf of the Governor of Kentucky, Martha Layne Collins, Presents Eta Kappa Nu's Executive Secretary, Professor Paul K. Hudson, with a Commission as Kentucky Colonel. The presentation took place at an Award Dinner in the Marriott Lincolnshire Resort on August 3rd.

Martha Lane Collins
Governor of Kentucky

Commissions as Kentucky Colonel were first presented during the War of 1812. The Honorable Order of Kentucky Colonels was chartered in 1892. It is now primarily a social and charitable organization.

Donald Christiansen...

N.M. Executive Member

On August 3rd, 1985, at the Award Dinner in the Marriott Lincolnshire Resort, Brother Donald Christiansen was made an Eminent Member of Eta Kappa Nu. Eminent Membership is reserved for senior engineers who are benefactors of mankind and are awarded on average no more than once a year. Because Bro. Christiansen was already a regular member of Eta Kappa Nu, the standard initiation ritual was not used. Instead the Executive Council made up of Joanne Waite, President, Alan Lefkow, Vice President and Paul Hudson, Executive Secretary, gave short inspirational talks.

Donald Christiansen is a staff director of The Institute of Electrical and Electronics Engineers and editor and publisher of IEEE Spectrum. His engineering experience was gained at Philco Corporation and CBS Electronics. In 1961 he became solid-state editor for Electronic Design and later, at McGraw-Hill, was editor-in-chief of Electronics. He joined the staff of IEEE in 1971.

Mr. Christiansen was elected to HKN as an undergraduate at Cornell University, where he earned his B.E.E. in 1940. He is a member of the HKN Outstanding Young Electrical Engineer Award Organization Committee, and served as chairperson of that committee from 1975 to 1979.

He is the author of numerous articles in the field of electronic devices and integrated circuits, and is the associate editor of the McGraw-Hill Electronics Engineers' Handbook, Second Edition.

He is a member of the New York Academy of Sciences, the Society for the History of Technology, the Franklin Institute, the Antique Wireless Association, Mu Sigma Tau, and Sigma Delta Chi. He is also a registered professional engineer, and a member of the Union Internationale de la Presse Radiotechnique et Electronique, the National Press Club, the Cornell Society of Engineers, and the Cornell Club.

In 1980, he was presented the Triennial Culture Award of the Flanders Academy of Arts, Science, and Literature, along with a medal from the Netherlands Minister of Culture.

Mr. Christiansen was elected a Fellow of IEEE in 1980.
Anthony Gabrielle

The thirteenth Distinguished Service Award was presented to Brother Anthony Gabrielle at the Award Dinner in the Marriott Lincolnshire Resort, Lincolnshire, Illinois, on August 3rd, 1985, in reward for his many years of important service to the Association. The award is presented not more often than once a year.

Tony Gabrielle has enjoyed a career in the electric power industry since graduating from M.I.T. in 1960, with both Bachelor of Science and Master of Science degrees in Electrical Engineering. In 1960, he was awarded an Alfred P. Sloan fellowship to study Industrial Management at M.I.T. for one year and, subsequently, earned a Masters degree in this field. His career includes managerial roles in both the System Planning and System Operation departments of American Electric Power Company in New York City prior to heading up that company’s computer operations.

In 1980, he was made an officer of Gulf States Utilities as Vice President-Computer Applications and assumed the responsibility of the development of the economic, technical and operational approaches to integrating computers with the corporate processes. This covers areas of control computers, engineering and business systems.

He presently serves on the Engineering Department Advisory Council at Lamar University, on the United Way Board of Directors in Beaumont, Texas, as an arbitrator for the Better Business Bureau, and on the Business Committee For The Arts Board of Directors.

Relative to Eta Kappa Nu, his service includes:
Vice President New York Alumni Chapter—1961
President New York Alumni Chapter—1962
National Board of Directors—1965-1966
National Vice President—1969-1970
National President—1970-1971
Outstanding Chapter Awards Committee for many years.

Outstanding Young Electrical Engineer Awards Committee for many years and presently solicits nominations from the entire country.
He installed and visited many chapters over the years.

Anthony Gabrielle with his lovely wife Eve, receiving his Distinguished Service Award at the Award Dinner in the Marriott Lincolnshire Resort.

Eve is holding a ceramic figurine that was presented to her by Eta Kappa Nu.

The Award Dinner was held on August 3rd, 1985.

Gamma Kappa Chapter—N.J.I.T.

GAMMA KAPPA CHAPTER. New Jersey Institute of Technology—The chapter had its best and most active year to date. Our increased participation in campus activity created a new awareness of the chapter on campus. We started with a small and inexperienced number of members but nevertheless managed to carry out meaningful activities.

The year was highlighted by the success of our two biggest programs. The first was a Hewlett-Packard calculator sale which provided both students and faculty with an opportunity to purchase these useful and powerful engineering aids, and also a means of raising funds for the chapter.

The sales far exceeded our expectations and we hope this program will be continued in the future.

The other program was an Intel microprocessor kit sale. The kits were purchased from Intel and resold to seniors and the student body as a whole. This was intended to encourage seniors to incorporate microprocessors in their projects and to have these components available to them.

With the funds raised from these activities the chapter was able to co-sponsor a get acquainted luncheon with recruiting personnel from the Texas Instruments Corp. This was open to the student body in general. Here students were able to obtain information about employment opportunities at TI and to submit resumes. A book drive was also initiated to buy or have companies donate component data books to the chapter in an effort to keep our small library current. Lastly we organized a field trip to RCA, the Semiconductor division in Somerville, NJ, to view their manufacturing facilities.

Apart from the tutoring services which we provide, we were also active in the college’s recruiting program. Our members volunteer to visit high schools in the area to speak to prospective freshmen as student representatives. We participated in the “Dial-A-Freshman” program which allowed incoming freshmen to speak to upperclassmen about any aspect of life at NJIT. The chapter also provided manpower at the college’s Octoberfest (open house) day by conducting tours and running display booths.

Twenty new members were inducted into the chapter this year and our annual initiation banquet was held at the Cameo. At our election of officers, held on the
same evening, the chapter elected its first female president, Adrienne Zoe. The members donated a plaque to the chapter to recognize outstanding students and officers. Here are the names of some of the officers who were elected:

- President: Adrienne Zoe
- Vice President: Neal Zinn
- Secretary: Eliza Johnson
- Treasurer: Sarah Brown

THETA PSI CHAPTER, University of Nevada, Reno—On April 28, 1985, the chapter held its annual Awards Banquet to recognize its members, faculty, and guests. The dinner included fifteen new members and a special guest speaker. The chapter presented its first Faculty Recognition Award to Dr. Mehdi Eftekhari-Amoli. This award is given for outstanding contributions to the Electrical Engineering Department. The keynote speaker was Dr. Alan Perlman, who spoke on the importance of interest in the scholastic and personal achievements of students. A fifty percent majority vote of the membership is required in order for a faculty member to receive this award.

As a fundraiser event, the chapter printed, published, and distributed a complete membership directory to sixty-five members. The directory included information on all members and was available to all members and the public. The chapter held its Annual Awards Banquet on the 29th of April at the Boston Hotel on the campus of the University of Nebraska. The banquet included a full program of events, including awards and recognition of outstanding students. The keynote speaker was Dr. Alan Perlman, who spoke on the importance of interest in the scholastic and personal achievements of students. A fifty percent majority vote of the membership is required in order for a faculty member to receive this award.

As a fundraiser project, the chapter printed, published, and distributed a complete membership directory to ninety members. The directory included information on all members and was available to all members and the public. The chapter held its Annual Awards Banquet on the 29th of April at the Boston Hotel on the campus of the University of Nebraska. The banquet included a full program of events, including awards and recognition of outstanding students. The keynote speaker was Dr. Alan Perlman, who spoke on the importance of interest in the scholastic and personal achievements of students. A fifty percent majority vote of the membership is required in order for a faculty member to receive this award.

THETA PSI CHAPTER, University of Missouri-Rolla—On the first Friday of each month, the chapter provides a social event to which all members are invited. The chapter encourages members to participate in engineering events and activities. The chapter plans to help Professor Elizabeth Ames in organizing her weekly Electromagnetic Lecture Series. The lecture series provides guest speakers from industry and is open to all faculty, members, and students. They have proven to be very interesting and informative and offer all the opportunities to learn. The chapter is considering the latest research being done in electromagnetic field theory, by John P. Jost.

Dr. Donald S. Pearson, Zeta Chapter, has moved from Arizona to Berkeley, California. He will be an electronics engineer with JPL, a variable bi-polar power supply, and an audio frequency generator. The Zeta Chapter hopes to keep in touch with him.

GAMMA BETA CHARTER, University of Illinois—On the first Friday of each month, the chapter provides a social event to which all members are invited. The chapter encourages members to participate in engineering events and activities. The chapter plans to help Professor Elizabeth Ames in organizing her weekly Electromagnetic Lecture Series. The lecture series provides guest speakers from industry and is open to all faculty, members, and students. They have proven to be very interesting and informative and offer all the opportunities to learn. The chapter is considering the latest research being done in electromagnetic field theory, by John P. Jost.

Dr. Donald S. Pearson, Zeta Chapter, has moved from Arizona to Berkeley, California. He will be an electronics engineer with JPL, a variable bi-polar power supply, and an audio frequency generator. The Zeta Chapter hopes to keep in touch with him.

GAMMA THETA CHAPTER, University of Michigan—On the first Friday of each month, the chapter provides a social event to which all members are invited. The chapter encourages members to participate in engineering events and activities. The chapter plans to help Professor Elizabeth Ames in organizing her weekly Electromagnetic Lecture Series. The lecture series provides guest speakers from industry and is open to all faculty, members, and students. They have proven to be very interesting and informative and offer all the opportunities to learn. The chapter is considering the latest research being done in electromagnetic field theory, by John P. Jost.
EPSILON RHO CHAPTER, Tennessee Technological University—The Epsilon Rho Chapter of Eta Kappa Nu at Tennessee Technological University in Cookeville, Tennessee, has established a new fund for undergraduate electrical engineering students. This year, based on a decision by a committee of faculty members and students alike, a cash award will be given to an outstanding EE student. In years to come, cash awards will be given according to the highest ranking research proposals submitted by undergraduate students. These awards will be given in conjunction with the two undergraduate research classes offered here at Tech. In this way, students who are serious about doing research can obtain funding for their work as well as six hours of credit.

Over $1500 has already been raised from among faculty and students in the EE department. The chapter is currently in the process of asking alumni of Eta Kappa Nu and the Tennessee Tech EE department for additional donations. If you wish to donate to the fund or find out more information about the project, write:
Eta Kappa Nu
Electrical Engineering Department
Box 5004, Tennessee Technological University
Cookeville, Tennessee 38505
Please make checks payable to "Eta Kappa Nu Scholarship Fund".

OMICRON CHAPTER, University of Minnesota—The Omicron Chapter of Eta Kappa Nu held its fall initiation and 30 undergraduate students were inducted into our brotherhood. An initiation party was held at an EE faculty members’ house. Our annual Career Fair and Banquet was held on November 2. Twenty-three companies participate in the Career Fair and 19 companies attended the Banquet that evening in which the Chairman of the Minnesota High Technology Council spoke. Students from all engineering disciplines attended.

The members of HKN, in cooperation with the EE faculty, assembled a 5000 level course guide, which describes the senior level courses allowing EE students to choose courses that will interest them.

Chapter activities Winter quarter have been ski trips to local ski areas, sponsoring lectures and presentations, by engineers of local companies, on EE topics, and a movie and pizza night.

Events planned for Spring quarter include our annual Spring Fling in May, which is an outdoor barbecue for EE students and faculty with softball, volleyball and other outdoors activities. In April, we will have the election of officers for the coming year and news initiation of new members. To finish off the year, HKN will sponsor one of the events, during the Institute of Technology Week.

DELTA EPSILON CHAPTER, Ohio University—The Delta Epsilon Chapter’s activities during the Winter Quarter were as follows:

1. Our annual Electrical Engineering Dialogue was held, in which faculty members respond to pre-submitted, as well as spontaneous, questions and comments from the students regarding any phase of the Electrical Engineering department.

2. During National Engineers Week, HKN members helped organize a public presentation given by each engineering department on their current research, and conducted a tour of the Electrical and Computer Engineering Department for southeastern Ohio high school students participating in a test competition in various engineering related fields.

3. A Bruce Lee movie was shown three times a night over the course of three nights as a fund-raising activity.

In addition to this past winter’s functions, several activities are planned for the Spring Quarter:

A senior lab seminar will be held to provide juniors with helpful information about satisfying their senior lab project requirements.

Finally, on the recreational side, HKN members will participate in the annual EE picnic and softball game.

by Denny Sisson
by David Duhner
by Kenneth Pierce