Patrick O. Nunally
1992 Winner
Outstanding Young Electrical Engineer Award

Also Featured:
Berthold Sheffield Honored
with HKN Eminent Membership

Delta Omega’s Certificate
of Merit Report
National Constitution Revisions Unresolved

135 Chapters sent in ballots.
142 ballots were required for resolution (Needed 3/4 of 189 chapters to respond).
Many, many thanks to each chapter that sent in a ballot!
We will try again next year.

The HKN Membership Fee is $25
which includes a 2 year initial subscription to BRIDGE as determined in the 1991-92 HKN MAIL Convention.

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Established by the Board of Directors in April 1992, this endowment fund will honor the memory of Paul Hudson, a devoted servant of HKN and a man who truly exemplified the qualities that "balance the bridge."

This important fund, managed by the HKN Board of Directors, will be used to support the general development of Eta Kappa Nu. For example, the fund will be used where necessary to help support HKN's national award programs; expansion, including the development of new college chapters and alumni chapters; and chapter visitations by current and past national officers and directors to assist with special occasions. All of these examples represent activities which Paul so heartily endorsed. Other developmental projects will be considered by the Board as funding grows and new objectives important to HKN become established.

As we honor Paul, we also honor donors to the fund by recognizing them as Paul K. Hudson Fellows. The categories are:

- Distinguished Fellow: $2000 and above
- Century Fellow: $1000 - $1999
- Sustaining Fellow: $500 - $999
- Supporting Fellow: $100 - $499
- Fellow: $25 - $99

Eta Kappa Nu invites its members and supporters to become a part of the Paul K. Hudson Development Fund by filling out and returning the form below.

I wish to become a Paul K. Hudson Fellow with a contribution of $ __________________________

The contribution is to be made as follows: ( ) check enclosed, ( ) other __________________________

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Return to: Eta Kappa Nu International Headquarters
Box HKN
University of Missouri-Rolla
Rolla, Missouri 65401

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Nominations Invited for The Third Vladimir Karapetoff Eminent Members’ Award

Nominations for the third Vladimir Karapetoff Eminent Members’ Award are now being solicited. Nomination forms and guidelines may be obtained from Donald Christiansen, Eminent Member Committee Chairman, 434 West Main Street, Huntington, N.Y. 11743.

In 1991, the Eta Kappa Nu Board of Directors announced the establishment of an award in honor of Vladimir Karapetoff, an Eminent Member of HKN and Fellow of IEEE, who died in 1948. The first award was given on April 27, 1992.

The award, the Eta Kappa Nu Vladimir Karapetoff Eminent Members’ Award, is made annually to an electrical engineering practitioner who has distinguished him/herself through an invention, a development, or a discovery in the field of electrotechnology. The fund to support the award was initiated through a bequest from Dr. Karapetoff’s wife, R. M. Karapetoff Cobb, herself a distinguished chemical engineer.

A monetary honorarium is provided to the recipient (or shared by the recipients) of the award.

Factors that will be weighed by the jury will include the impact and scope of applicability of the invention, development, or discovery; its impact on the public welfare and standard of living and/or global stability; and the effective lifetime of its impact.

Dr. Karapetoff was born in St. Petersburg, Russia, January 8, 1870. His father was an engineer and his mother a student at a military medical school.

Professor Simpson Linke, writing in the Winter 1984-85 Engineering Cornell Quarterly, cited the following excerpt from Karapetoff’s Electrical Laboratory Notes, published in 1906, as reflective of the flavor of EE studies in that era:

In coming to the laboratory, bring with you a slide rule, an inch rule or tape, a speed counter, a screw driver and a pair of pliers [sic]. This will save you time and trouble of looking for them or borrowing them. Do not forget to have a pocket knife for skinning off wire; a bicycle wrench is also sometimes very handy to have.

Dr. Karapetoff was the author of several standard texts on electrical engineering that were widely used and revised through several editions, as well as other texts on electrical and magnetic currents, electrical testing, and engineering mathematics.

He was a member of AIEE, the Franklin Institute, the AAAS, the American Mathematical Society, the Mathematical Society of America, the American Physical Society, the U. S. Naval Institute, and the U. S. Naval Reserve Officers’ Association.
Berthold Sheffield
Inducted
Eminent Member
in the
Eta Kappa Nu Association

EMINENT MEMBER
INDUCTION CEREMONY

New Brunswick, New Jersey
April 18, 1963

Citation

In recognition of his technical achievements in the field of Communications during his long professional career, his involvement in community activities, and because of his long standing service to Eta Kappa Nu in such areas as Board Member, Member and Chairperson of the Outstanding Young Electrical Engineer Award Organization Committee, and National Publicity Chairman.

Mr. Sheffield's Response

"President of HKN, Laureen Parker, members of the Board of Directors and friends:
I am very happy to be able to thank you, the Board of Directors, face-to-face, for electing me to be an Eminent Member. It is the greatest honor ever accorded to me and I was deeply moved when Bob Betten and Jim D'Arcy phoned to inform me about it.
Before I introduce my family and my friends, I will appreciate it if the members of the induction team and other HKN members will kindly introduce themselves and their wives. Please state your names and your affiliation.
I owe great thanks also to my wife Gertrude who died in 1980. Gertrude insisted that I accept the invitation to HKN. She prophesied that I will never regret it, and she was right. I've had over 40 years of stimulating and rewarding activities with HKN.
I am fortunate that my two devoted daughters were able to take time out to join us. They become annoyed when I boast about them, but this is probably going to be one of my rare opportunities to do so.
My daughter Margot Kruskall is a physician, an oncologist, and a professor of medicine at Harvard University. Some of you may have seen her on national TV news, when Peter Jennings interviewed her because of her pioneering work in the use of autologous blood. This technique eliminates the risk of transmitting disease by blood transfusion, since the patient donates his or her own blood before elective surgery.
My daughter Denni O. Day is a Director of Operations Improvement at Strong Memorial Hospital which is the teaching hospital of the medical school of the University of Rochester in New York State. Her group received national attention by developing techniques for improving hospital care while at the same time reducing costs.
I want to introduce the Millers. Bob Miller was my boss and a great inspiration at RCA, where we became friends. His efforts were recognized. He became a vice president at RCA. Sarah Miller is a teacher. She is high-
ly esteemed by her students and by her peers. Muriel Freeman is a journalist for the Gannett paper chain. She has interviewed and written about over 40 entertainers and celebrities. She is listed in Who's Who in Entertainment. She has been a most supportive friend.

Now I want to make some brief observations about HKN.

HKN is a unique organization not only in the criteria for selecting members, but also in the demonstrated capacity of identifying potential engineering leaders. The most recent examples being George Hellmeyer, who is President of Bellcore, and Bob Lucky who just became a vice president of Bellcore.

I hope that HKN will continue to uncover hidden talent, with a special emphasis on being actually blind to their sex, their color or any other designation. We are most fortunate in now having a second woman president in HKN. We should be able to find also analogs of black leaders, the likes of Marian Anderson, the famous singer who just died, or of the writer Maya Angelou, and handicapped individuals like the physicist Stephen Hawking (A Brief History of Time) or the violinist Itzhak Perlman.

By making this recommendation I am obligated to propose a workable plan for its execution. One way I think we can encourage talent can be by introducing freshman high school students to the motives and benefits of HKN. We might ask distinguished young speakers, such as HKN officers, or award winners, to contribute say one such inspirational lecture a year at selected high schools across the US.

Thank you again for this great honor.

Biography

In 1950, Berthold Sheffield received a BSEE degree from Polytechnic Institute of Brooklyn and has done graduate work in probability, statistics, and modulation theory. He is the holder of several patents and has authored several magazine articles and engineering texts.

Bert began his long and active association with Tata Kappa Nu when he was inducted as a member of the BB Chapter (Polytechnic Institute of Brooklyn) in 1950. In 1985, Bert received the Distinguished Service Award in recognition of his many HKN activities. He began as Bridge correspondent of the NY Alumni Chapter in 1963 and became president of the chapter in 1964. Since then, he has been a member of the Award Organization Committee for recognizing Outstanding Young Electrical Engineers, serving as Chairman from 1967-1970. He was elected an IKN National Director during 1973-74. Since 1974, Bert has been the National Publicity Chairman of Eta Kappa Nu.

Early in his career, Bert won one of the first David Saroff scholarships for proficiency in radio operating while in military training at Fort Monmouth, NJ. It was while working at RCA that he graduated from Polytechnic Institute of Brooklyn, now Polytechnic University. He retired from RCA after 36 years of varied engineering assignments.

At RCA International Division he developed the world's first traffic control system using radios for a US Steel Company mining railroad in Venezuela. At RCA's Space Division he contributed to the development of a number of satellite communications projects.

Bert is a Life member of Eta Kappa Nu, Tau Beta Pi and IEEE. He is a member of the American Radio Relay League, has been active in amateur radio as W2AN since 1927, and holds an Extra Class license.

In retired life Bert has been active in many areas: served as telecommunications consultant to the Telesis Co. (for an oil pipeline communications system); MCI (prepared training manual for MCI's Surveillance Network); Western Union Telegraph Co. (reviewed satellite ground station documentation); RCA Space Center (manufacturing problems; NOVA navigational satellite); McPhee Consulting Engineers; contributed to a variety of projects for Electric Communications Inc.; for a Nigerian pipeline communications system; for a microwave station sitting problem for a NJ Environmental Group.

At Trenton State College:
- Received Distinguished Adjunct Professor Award (1986).
- Had Consulting contract to modernize the electronics engineering laboratory.
- Continued to serve on the Industrial Advisory Committee for the School of Electronics Engineering Technology.
- Performed as consultant on report for a Satellite Power System for GE.

As co-author, is preparing a college text on telecommunications.

Conducted course in Novice Amateur Radio, for the Jurisdiction of Community Education.

Planned and coordinated a series of seminars titled "Science & Technology" for a senior education program sponsored by three groups: Baptist Valley Community College, Somerset County Department of Aging, and the Somerset County Library. Distinguished lecturers included an astronaut, and the Director of the Institute for Advanced Study.


Served, from 1985 to 1989, on the Advisory Committee for the Jurisdiction of Community Education in Montgomery Township, NJ.


As escort to Gannett journalist, Muriel Freeman, photographed and met many celebrities, including Mrs. Lila Tyson, the first wife of Henry Luce (Time Magazine); The Dalai Lama, with Archbishop Tutu; Yehudi Menuhin; Victor Borge; dancer Nureyev; Metropolitan Opera stars Frederika Van Stade, Jerome Hines and Simon Estes; Malcolm Forbes and family; many CEO's on the Forbes yacht, The Highlander.

Photos: At top left, Eminent Member Sheffield expresses thanks; and at top right, Mr. Sheffield provides comments. At center left, Mr. Sheffield is surrounded by Bob and Sara Miller and by Mrs. Muriel Freeman. At center right, Mrs. Muriel Freeman joins Eminent Member Sheffield. At bottom right are (from left to right) daughter Margot Krukkell, Mr. Sheffield, and daughter Denni O. Day.
<table>
<thead>
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<th>EMINENT MEMBER</th>
<th>DATE INITIATED</th>
<th>TITLE AND AFFILIATION</th>
<th>THE BRIDGE VOL.</th>
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<td>President, Carnegie Inst. of Washington</td>
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<td>R. W. SORENSON</td>
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<td>Prof., E.E., California Inst. of Technology</td>
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<td>V. K. ZWORYK</td>
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<td>V. P., RCA Laboratories</td>
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<td>F. E. TIERMAN</td>
<td>1-22-61</td>
<td>Dean, Stanford University</td>
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<td>J. SLIPMAN</td>
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<td>Assoc., Dr. Res., W. E. Corp.</td>
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<td>L. DEFOREST</td>
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<td>Philip Stern Professor of Power Engineering, RPI</td>
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<td>V.P., President, Bendix Corp.</td>
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<td>HOWARD SHEPPARD</td>
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<td>S. R. WARDEN</td>
<td>1988</td>
<td>President, President for Eng's., University of Pennsylvania</td>
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<td>DONALD CHRISTIANSON</td>
<td>1985</td>
<td>Editor and Publisher, IEEE Spectrum</td>
<td>54</td>
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<td>MARCUS DOSSON</td>
<td>9-13-86</td>
<td>Engineer, Los Angeles Water &amp; Power Co.</td>
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<td>WILLIAM E. MURRAY</td>
<td>9-19-87</td>
<td>Principal Engineer, Douglas Aircraft Co.</td>
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<td>BERTHOLD BROWNEN</td>
<td>4-18-92</td>
<td>Consultant, Senior Engineer, Retired, RCA</td>
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<td>ROBERT W. LUCKY</td>
<td>4-18-93</td>
<td>President, Bellcore</td>
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Photos above: Ceremonial team members induct Eminent Member, Bert Sheffield. At top left, Vice President David Meyer displays HKN Shield, while at top right, President Laurence D'ArCY describes symbolic meaning. At center left, officers Meyer and Parker stand with Mr. Sheffield; and at center right, James D'ArCY joins Laurence Parker with the honor. At bottom right, Past President D'ArCY and wife Beatrice with Eminent Member Berthold Sheffield.
Patrick O. Nunally

Patrick O. Nunally is the Outstanding Young Electrical Engineer of 1992. His award was presented at the 57th Eta Kappa Nu Award Banquet at the Hyatt Regency New Brunswick, New Jersey on Monday, April 19, 1993.

At the same ceremony, Phyllis Lutostanski Cosentino and Gail R. Lalk were awarded Honorable Mentions; and Donald E. Bossi, United Technologies Research Center, East Hartford, Connecticut, David L. Thomson, AT&T Bell Laboratories, Naperville, Illinois, and Christopher F. Yakymishyn, GE Research and Development Center, Schenectady, New York were introduced as Finalists for the first time. All of the above were chosen from over a hundred nominations which were solicited and received by the Awards Organization Committee.

Patrick O. Nunally, was founder and President of E-Metrics Inc., a developer of high-end signal processing systems for a number of Fortune 500 companies, when he was selected Outstanding Young Electrical Engineer. The company has been sold to Hughes Aircraft since. Subsequently, he co-founded Intelya Automation Inc., the developers of the personal people meter system that monitors total media exposure (TV, radio, etc.) for the Arbitron Corporation. Through his companies, Mr. Nunally has pioneered the application of microelectronics and signal processing to a broad range of commercial markets, creating both innovative technologies and profitable applications.

When first nominated, Patrick Nunally was the principal technologist and engineering staff specialist of signal processing for General Dynamics Air Defense Systems Division, where he was responsible for hands-on design and strategic development of advanced technologies. He has authored twenty-seven papers on advanced technology development, six papers on business strategy, and has filed fourteen patents.

Mr. Nunally is the vice-chair of the Los Angeles IEEE Council Joint Chapter of Engineering Management, Education, and Professional Communications Societies. He is founder of the IEEE Entrepreneur's Network, and has recently accepted a position to instruct in the area of entrepreneurship at the University of La Verne, Graduate Business School. His citation reads: "By virtue of his entrepreneurial contributions to signal processing and microelectronics design in the area of vision processing; and for his leadership in professional societies and the community."

Phyllis Lutostanski Cosentino is Technical Manager of International Wireless Switching Systems Engineering for AT&T, a position to which she was promoted in 1991 after having been recognized as an industry expert in the development of cellular mobile registration capabilities. She also holds a patent in registration overload control. In addition, she has contributed leadership and service to her local schools and community. Mrs. Cosentino has worked as a volunteer tutor, is active in the Chicago area programs that present computer science and engineering as career paths to young students, and serves as a volunteer reader for the blind and partially sighted through the Blind Services Association of Chicago. She is an accomplished musician, playing both the clarinet and the piano, and has been an active member of several community orchestras. Her citation reads: "By virtue of her superb technical contributions and analytical abilities in autonomous registration on cellular systems; her outstanding natural leadership; and her social awareness, both, on the job and in the community."

Gail R. Lalk is a researcher at Bell Communications Research. Her field is optical electronics, although her recent research efforts have been focused on access hardware for high-speed information networks. In particular, she has contributed to the implementation of the AURORA Gigabit Testbed, one of five national gigabit testbeds being constructed as part of the National Research and Education Network. She has authored or co-authored twenty-five conference and journal papers,
and currently serves as Executive Editor of the IEEE Lasers and Electro-optics Society’s bimonthly newsletter. Mrs. Lalk has been organizing monthly discussions at Bellcore addressing business issues in the telecommunications industry, including public policy, technology trends, and market forces. She has served as a mentor for high school and undergraduate students, as well as visiting researchers at Bellcore. In addition, she plays the French horn and volunteers actively for the American Cancer Society. Her citation reads: "By virtue of her pioneering research in optical interconnect technology and her dedication to community and professional services.

The award winners are honored for their contributions to electrical, computer, and communications engineering, as well as to society at large. Selection of the winner and honorable mentions is based on individual accomplishments. It is not influenced by newsworthiness or commercial value of a contribution. In the same way, contributions to local neighborhoods and schools, religious organizations and the arts are measured only in personal contributions, and not for newsworthiness or sensationalism. It isEta Kappa Nu's emphasis on the well-rounded individual that leads it to recognize people who, in addition to striving for excellence in their profession, also give of themselves to the betterment of society, community, and family. We hold that an education based upon the acquisition of technical knowledge and the development of analytical and logical thinking is a prerequisite to achievement in many lines of endeavor.

This year's winners join a long list of individuals who have brought distinction to themselves, their engineering profession, and the profession. These winners were brought to the attention of the Jury of Award by the persons who had the foresight to nominate them. For instance, Mr. Nunnally was first nominated by Dr. H. P. Schmid, General Dynamics/Pomona Division, and was selected as an Honorable Mention in 1989. Mrs. Cosentino was nominated by David M. Potracy, Technical Support Vice President, AT&T Bell Laboratories in Whippany, New Jersey, and Mrs. Lalk, who was a finalist in 1991, was nominated originally by Dr. George Bellmeier, President and CEO of Bellcore (now TE). And then renominated by Paul F. Liao, Assistant VP for Network Systems Research in Morristown, New Jersey. Dr. Bossi was nominated by Anthony J. DeMaria, assistant director of Research for Electronics & Photonics Technologies at the United Technologies Research Center in East Hartford, Connecticut. Mr. Thompson by M. Iwama, Chief Technical Officer for Switching Systems at AT&T Bell Laboratories in Napier, Illinois; and Dr. Yokoyama by Dr. Walter H. Haringer, Manager of the Engineering Physics Research Center of the General Electric Research and Development Center in Schenectady, New York.

TheEta Kappa Nu Outstanding Young Electrical Engineer Award is presented annually to young (under thirty-five) electrical and computer engineering graduates (within ten years from their BS degree) for meritorious service in the interest of their fellow man as well as for outstanding achievements in their chosen profession. Those honored with this prestigious award are selected each year through a well-defined process which has remained virtually unchanged since its inception in 1936. The nomination process involves the review of the nomination and the participation of at least three references in support of the candidate. The nominating committee of all nominators are carefully screened by the Awards Organization Committee (AOC) and a standing committee of Eta Kappa Nu, which is responsible for selecting and updating the nominations every year, and which also may call upon to a dozen finalists for submission to the Jury of Award.

The members of the 1992 Award Organization Committee were:
- Clarence Baldwin, ABB Power T&D Company, Muncie, Indiana
- Robert Bartolini, David Samoff Research Center, Princeton, NJ
- Donald Christiansen, IEEE Spectrum, New York City
- James A. Darcy, GE-Astro Space Division, Princeton, NJ
- Larry DeWitt, Retired, Columbus, Ohio
- Irving Engelson, IEEE Technical Activities, Piscataway, NJ
- Qaunye Gennaro, Design by Hilton, Inc., Vienna, VA
- Willard Groth, Consultant, Boca Raton, FL
- Michael Hager, Metler-Toledo, Inman, SC
- James Hebson, Jr., PSEG, Newark, NJ
- Cecilia Jankowski, Grumman Aircraft Systems, Bethpage, NY
- William Murray, Douglas Aircraft Company, Long Beach, CA
- Ralph Newsom, IBM—Retired, Poughkeepsie, NY
- Berthold Sheinfeld, RCA—Retired, Belle Mead, NJ
- Joseph Strano, New Jersey Institute of Technology, Holmdel, NJ
- Kurt Tranzipf, IBM Corporation, Purchase, NY

- Lawrence Woehler, GE—Retired, Dewitt, NY

The Jury of Award is constituted once a year from highly respected leaders of the profession for the final selection of the winner and honorable mention(s). The 1992 Jury of Award consisted of the following individuals:
- Dr. Robert Bell, Vice President R&D, Consolidated Edison Company of New York, New York City
- Dr. J. Peter Bingham, President, Philips Laboratories, Briarcliff Manor, NY
- Dr. D. Joseph Donahue Sr., Vice President, Technology and Business Development, Thomson Consumer Electronics, Washington, DC
- Daniel M. Litynski, Professor and Head, Department of Electrical Engineering & Computer Science, U.S. Military Academy, West Point, NY
- Mrs. Laureen H. Parker, President, ETA KAPPA NU, Austin, TX
- Mr. Robert Watson, Vice President, Technical Operations, Grumman Aircraft Systems Division, Bethpage, NY

Nominations for the award are solicited each year through the Eta Kappa Nu Award Organization Committee. Nominations may be made by any member or group of members of Eta Kappa Nu; by leaders from industry; by any Section or Society of the Institute of Electrical and Electronics Engineers, Inc.; by the heads of electrical and computer engineering departments of any U.S. College or university; or by any other individuals or groups, who, in the opinion of the Awards Organization Committee, are properly qualified to make nominations. Nominations forms for 1993 may be obtained from Executive Secretary of ETA KAPPA NU, P.O. Box 2107, Rolla, MO 65401, and should be returned to him by August 1, 1993, for forwarding to the AOC. An eligible candidate for OYEE is one who:
- has an electrical engineering degree (BS, MS, or PhD) from a recognized U.S. engineering school,
- will have been graduated not more than ten years ago, as of May 1, 1993, from a specified baccalaureate program,
- if an American, will have reached his or her thirty-fifth birth day by May 1, 1993.

Awards are based upon the following criteria for the candidate's achievements:
1. The candidate's achievements of note in his or her chosen work, including invention of devices, circuits, or processes, improvements in analyses, discovery of important facts or relationships, developments of new methods, exceptional results in teaching, outstanding industrial management, or direction of research,
2. The candidate's service to community, state, or nation, such as activity in philanthropic, religious, charitable, or social enterprises, leadership in youth organizations, or engagement in civic or political affairs,
3. The candidate's cultural and aesthetic development, such as work in fine arts or performing arts. Works in history, economics, or politics are also highly valued, as well as any other noteworthy accomplishments, including leadership participation in professional societies and other organizations.
1990-91 Chapter Awards

by Alan Lefkow

As reported in the May '90, BREIDGE, high quality annual reports reflecting pride in chapter accomplishments marked the Outstanding Chapter Activities Award recipients for 1990-91. Their chapter reports took advantage of today's sophisticated desktop publishing techniques to produce reports that did full justice to their matching outstanding program of activities. Each report was well-written and looked as good as it read. This year's competition clearly marked a new plateau of achievement in HKN's college chapter Activities Award Program.

Beta Chapter, Purdue University, was voted National Winner for its very impressive level of chapter activities. Beta again demonstrated this chapter's dedication and commitment to their fellow students, department, school, and their community. Their report did justice to their high level of accomplishments by being well written, immaculately organized and produced, and photographic in color to convey the impact of the many colorful photos contained in the report.

But Beta Chapter was not alone among the outstanding chapters. Three Honorable Mention winners matched Beta's report quality, differing only in their somewhat lower level of chapter activities. Gamma Mu at Texas A&M, and Epsilon Beta at Arizona State had immaculate reports that were also reproduced in color. Beta Epsilon, University of Michigan, had an unusual but very well-done report that was laid out as a newspaper magazine called the Beta Epsilon Times. The report was divided into classic newspaper sections of News, Business Digest, Sports, Society and Entertainment, and Opinion and Future that covered all of the chapter's activities for the year. And the report was in full color, including photos and typefaces.

In addition to these four winners, three chapters that typified the spirit of Eta Kappa Nu were awarded Certificates of Merit for their meritorious programs. Two of these chapters, Delta Omega, University of Hawaii at Manoa, and Delta Pi, Colorado State University, had well-produced reports with color photos, similar to the other winning chapters. The third winner, Zeta Pi, State University of New York at Buffalo, submitted its quality report as a professionally bound, hardcover book.

The meritorious report of Delta Omega Chapter, University of Hawaii at Manoa, is presented here as an encouraging example.

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**Eta Kappa Nu**

**Delta Omega Chapter**

1990-1991 Annual Report

University of Hawaii at Manoa
2540 Dole Street, Honolulu 483
Honolulu, Hawaii 96822
September 1991

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**1990-1991 OFFICERS**

President: Andre Laish
Vice President: Christian Reis
Secretary-Treasurer: Gail Miyamoto
Membership: Deborah Iwatsuki
Bridge Correspondent: Lorraine Rice
Pledge Masters: John Bone, Abe Ichikawa
EC的根本: Rea Yoshida, Allen Dupuy

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**SUMMER ACTIVITIES**

Summer planning for the Delta Omega Chapter was officially kicked off at a get-together at Pizza Hut in early July. Old and new officers, as well as some members, huddled on pizza, "sliced story," and played a logic game. Then we got down to the business of throwing away papers, slices, and other pieces of "junk" associated with the specific office. This was the official "changing of the guard" that was symbolized in the induction ceremony just a few months earlier. One outgoing, incoming, and retaining officer each could not be present due to internships with multinationals. Contact with these offices was made via mail and the telephone.

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*During the rest of the summer break, much of the groundwork was laid for the busy academic year that lay ahead. Summer planning included setting the master calendar of activities, picking the prospective pledges, finalizing pledge correlates, calendar, and project information, reserving a hotel meeting room for the induction banquet, and setting up the various committees.*
Pledge activities, as always, were the main focus of the Delta Omega Chapter. Much planning was required by the officers, starting in the summer and continuing throughout the year. The year-long pledge process is designed to test the limits of the pledges and to encourage them to develop bonds of friendship. It also challenges the officers and members to develop leadership and management skills.

The officers are responsible for organizing the pledge activities throughout the year. They are also responsible for ensuring that the pledges are adhering to the rules and regulations of the chapter. The officers are also responsible for organizing social events for the pledges, such as picnics and parties. These events are designed to provide pledges with an opportunity to get to know each other and to develop bonds of friendship.

The officers are also responsible for organizing educational events for the pledges, such as seminars and workshops. These events are designed to provide pledges with an opportunity to learn about the profession and to develop the skills necessary to succeed in the field. The officers are also responsible for organizing recreational events for the pledges, such as sports activities and outings. These events are designed to provide pledges with an opportunity to relax and to have fun.

In addition to organizing activities, the officers are also responsible for monitoring and assessing the progress of the pledges. They are responsible for providing feedback to the pledges and for helping them to improve their performance. The officers are also responsible for ensuring that the pledges are adhering to the rules and regulations of the chapter. They are also responsible for ensuring that the pledges are receiving the support and resources they need to succeed.

The officers are also responsible for establishing a culture of excellence within the chapter. They are responsible for promoting a sense of pride and a sense of belonging among the members of the chapter. They are also responsible for promoting a culture of integrity and a culture of respect among the members of the chapter.

The officers are also responsible for maintaining open lines of communication with the members of the chapter. They are responsible for ensuring that the members of the chapter have an opportunity to express their concerns and their ideas. They are also responsible for ensuring that the members of the chapter have an opportunity to participate in the decision-making process.

The officers are also responsible for representing the chapter in the community. They are responsible for promoting the chapter and for representing the interests of the chapter in the community. They are also responsible for ensuring that the chapter is a positive force in the community.

The officers are also responsible for ensuring that the chapter is financially sound. They are responsible for ensuring that the chapter has the resources it needs to carry out its activities. They are also responsible for ensuring that the chapter is able to meet its financial obligations.

The officers are also responsible for ensuring that the chapter is a safe and welcoming environment for its members. They are responsible for ensuring that the chapter is free from discrimination and harassment. They are also responsible for ensuring that the chapter is free from violence and other forms of aggression.

The officers are also responsible for ensuring that the chapter is a productive and efficient organization. They are responsible for ensuring that the chapter is able to achieve its goals and objectives. They are also responsible for ensuring that the chapter is able to operate within its budget.

The officers are also responsible for ensuring that the chapter is a dynamic and forward-thinking organization. They are responsible for ensuring that the chapter is able to adapt to changes in the environment. They are also responsible for ensuring that the chapter is able to learn from its experiences and to improve its performance.

The officers are also responsible for ensuring that the chapter is a respected and admired organization. They are responsible for ensuring that the chapter is able to attract and retain members. They are also responsible for ensuring that the chapter is able to attract and retain supporters.

The officers are also responsible for ensuring that the chapter is a successful and sustainable organization. They are responsible for ensuring that the chapter is able to achieve its goals and objectives. They are also responsible for ensuring that the chapter is able to operate within its budget.

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FUNDRAISERS

The chapter participated in many activities this year and fundraisers were used to sponsor these events. Although it took some whip cracking and aim twirling by Texan Joseph Amsheil, all of the pledges and many of the members participated in these fundraisers and worked very hard to make them a success.

Dancing the Foll, 1990 semester, the chapter sold Zippy's Benefit Chili. By forcing the pledges and members to their families and friends to eat chili every night for the rest of the year, we were able to make a total profit of $544.00.

For the Spring 1991 semester, the chapter sold Al's Apple-Cinnamon Bread and made a total profit of $292.35. The pledges really showed their spirit and enthusiasm by buying the pick-up tables during Pledge Week in their upper-class pledges.

During the Spring semester, the chapter also sold soda, juice, and food items, such as pizza, sweets, ice cream, and candy, in the club room. Having food so readily available helped many of us to get through those all-night study sessions. Thanks to the hearty appetites of our pledges and members, we made a total profit of $432.00.

INSCRIPTION BANQUET

The Induction Banquet was held in late April at the Hyatt Regency Weekend. Eight undergraduate students, one graduate student, and one faculty advisor were inducted into the Delta Omega Chapter. New officers were sworn in by the old officers, pins for the pledge project were awarded, graduation gifts were handed out, and a slide show was presented depicting the busy year. A surprise treat followed the formal program and the evening concluded with the traditional toasts made by our emcees.

The pledge slate showed off the creamed corn of the pledges that was built over the year, and also their creative talents. Sketches included knight's charger and a pepper show.

MEETINGS

Meetings provided the tools with which to keep the members informed, as well as the pledge, hold throughout the year, they were not only serious events, but time for playing an acquisite game with the pledges, sign up for hunting, and voting for new officers.

CAREER NIGHT

Once again, for the fourth year, the Delta Omega Chapter was actively involved in the preparation of the EEE Career Night. working jointly with the IEEE Student Chapter and the IEEE Professional Connection. As with chapter activities, the planners went to the middle of the semester, with the writing of the invitations to companies to participate in the reception of the facilities. Coordination of the efforts was handled by member Byrne James and ECEM representative Alan Doughty. As the event drew near, activity became more frantic.

The EEE Career Night brought together students and professionals in electrical engineering into an interactive discussion on employment opportunities and developmental needs in the industry. Representatives from local and national firms gave a short presentation of their respective companies or organizations. The evening culminated in a question and answer session at which many students found time to discuss their future plans with their respective employers.

The program was dominated by locally-based military facilities. A recurring sentiment at the time was the uncertainty caused by the turmoil in the Persian Gulf. Due to this event, several maintained companies regularly declined participation at the last minute. The final result for the evening included: AT& T Consulting Engineers of Seattle, Hewlett Packard Company, INSEAD PAC, NOK, NUTUS, Pacific Missile Range Facility, and Vertiscomm.
ENGINEERING OPEN HOUSE

For the first year, the Delta Omega Chapter volunteered its manpower to assist in the event, which occurred one Saturday in February and March. The purpose of the Open House was to introduce the College of Engineering to high school seniors who either had questions about the College, or were still deciding between several universities. The task of the volunteers was two-fold. The first was to talk groups of these high school students and their parents on tours of the various research laboratories in the college, such as the civil engineering's hydraulics lab and the electrical engineering's artificial intelligence and integrated circuit design lab. The second task was where we had to be on our toes in an informal setting, we handled questions ranging from what courses are like to coming to participating in the university band.

REPRESENTATION

For the first time, a report service from the chapter photo-album was offered to the chapter for the current year. Bridge Correspondent Lorene Wunau painstakingly coded each photograph for identification purposes as they were developed. At the end of the year, order forms were circulated, and the pictures delivered to the appropriate people. It was an especially big hit with pledges, who somehow learned the names of their various and sometimes many experiences.

COMMUNITY SERVICE PROJECTS

This was the first year that the Delta Omega Chapter actively organized service projects year-round in the community. Bridge Correspondent Lorene Wunau was responsible for coordinating these events.

Seven members and officers got together and dressed up for Halloween, although it was still a school night. Costumes ranged from a pirate to a bunny. They went trick-or-treating in the Hawaii Kai area and between them collected $70.25 for UNICEF.

On Thanksgiving morning, two members, officers, and pledges volunteered their time to help prepare the annual Salvation Army Thanksgiving dinner for the needy. They spent their time decorating and setting tables, and helping to prepare the food. It became unexpectedly exciting when a local TV station interviewed President Amane Lorn, asking why we were there. We couldn’t wait to watch the news that night, for the Delta Omega Chapter was now on television!

Seven members, officers, and pledges were up before the sun in order to man a water aid station for the Great Aloha Run on Presidents’ Day. They handed out the cold air and water to make sure that the tens of thousands of runners and walkers got enough water. Some playfully ranners even threw some water. In addition to those at the aid station, one pledge showed at the finish line and one officer walked the race. Proceeds of the run benefit local charities.

Something that was also new was the recycling of aluminum cans. With the amount of soda sold from the refrigerator and beer drunk at pledgehous, the chapter decided to join the fight to preserve the environment. At the end of the year, the tally was off plenty. 21 pounds collected during the Fall and 44 pounds collected during the Spring. That would mean a total of about 1800 cans.
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