FIVE COLLEGE CHAPTERS WIN AWARDS FOR OUTSTANDING ACTIVITIES IN 1996-97

and

1997 OYEE WINNERS ARE CHosen
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Contents
Announcements
3 Paul K. Hudson HKN Development Fund: Annual Giving Campaign.

Nominations
11 Vladimir Karapetoff Eminent Members' Award

Awards
4 1997 OYEE Award Winners
10 Ira Soller Receives SUNY Chancellor's Award
12 Outstanding Chapter Awards go to Beta, Beta Epsilon, Alpha, Delta Omega, and Kappa Epsilon

Paul K. Hudson 1916-1998
Eta Kappa Nu Executive Secretary
and BRIDGE Editor, 1958-1998

Established by the Board of Directors in April 1902, this important 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."
The Hudson 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 visitsations 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. Five levels of giving are recognized, as in the form below. One-time donations at any level will be gratefully accepted. In addition, donors may now make pledges for annual donations. All donations will be counted cumulatively for the purpose of establishing the donor's current level of giving. Fellows at each level will be recognized annually by name in the BRIDGE.

Eta Kappa Nu thanks those who have already become Paul K. Hudson Fellows. We invite all members and friends of HKN to join the growing list of Fellows. And whether or not you are presently a Fellow, consider extending your support of the Hudson Fund on an annual basis. Simply fill out and return the form below. Thank you for your part in supporting and strengthening Eta Kappa Nu.

I wish to become a Paul K. Hudson Fellow at the level of (check one):

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Become a Paul K. Hudson Fellow
Do it Today!
See Details on Page 3.

ALSO VIST HKN's WWW HOME PAGE
http://www.umr.edu/~hknhdqrs

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THE 1997 OUTSTANDING YOUNG ELECTRICAL ENGINEER AWARDS

by Ralph J. Preiss, OYEE Awards Committee

The Eta Kappa Nu Outstanding Young Electrical Engineer Award, presented annually to young (under 35) electrical and computer engineering graduates (within 10 years from their BS degree) for meritorious service in the interest of humankind plus outstanding achievements in their chosen profession, will be awarded for 1997 to Dr. Fabio M. Chiuzzi, a Distinguished Member of Staff at Lucent Technologies, Bell Laboratories, Holmdel, New Jersey, for his outstanding technical and leadership contributions to the field of telecommunications switching architectures, and for his dedication to the arts and music.

Additionally, the Eta Kappa Nu Jury of Award named two Honorable Mentions, and the Awards Organization Committee (AOC) added four Finalists to the 1997 list of Outstanding Young Electrical Engineers.

The first Honorable Mention is Dr. Ioannis Kanellopoulos, an Associate Professor at the Electrical Engineering Department of the University of California in Los Angeles, for his outstanding technical contribution to the field of adaptive control for nonlinear systems, and for his involvement in professional activities.

The second Honorable Mention is Dr. Jeshan Lin, a Member of Technical Staff in Wireless Circuits and Systems Research, Bell Laboratories, Lucent Technologies, Murray Hill, New Jersey, for his significant technical contributions to the field of microwave and millimeter-wave electronics, and for his dedication to community and professional activities.

The four new Finalists are: Jean-Philippe Joseph, AT&T; Kathleen Krisch, Lucent Technologies, Jose Luis Melendez, Texas Instruments, and Anne Palmore Stublen, DuPont. All six honorees will automatically be given consideration in next year's selection process.

The 1997 award recipients will be recognized at Eta Kappa Nu's 62nd annual awards banquet on April 20, 1998 at the Princeton Marriott in Princeton, New Jersey.

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 initiative of the nominator and the participation of at least three references in support of the candidate. The dossiers of all nominees are carefully screened by the AOC, a standing committee of Eta Kappa Nu which is responsible for soliciting and updating the nominations every year, and which then selects up to a dozen finalists for submission to the Jury of Award.

The award winners are honored for their contributions to electrical, computer, and communications engineering, as well as to society at large. Selection of the OYEE, the Honorable Mentions, and the Finalists is based on individual accomplishments. It is not influenced by news worthiness or the commercial value of a contribution. In the same way, contributions to local neighborhoods and schools, religious organizations and the arts is measured only in personal contributions, and not for news worthiness or sensationalism.

It is Eta 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. Eta Kappa Nu holds 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.

It is interesting to note that this year's three top Outstanding EE's are all foreign-born, and all received their first degrees from a foreign university. Their technical breakthroughs all derived from their thesis work at an American university, and their thesis advisors were all of foreign origin. America has always been a land of immigrants who have gone on to make great contributions to our nation and the world.

This year's award recipients join a long list of individuals who have brought distinction to themselves, their community, and to our profession.

Award winners were brought to the attention of the Jury of Award after the top dozen were selected from a ranking provided by the AOC as a whole. 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).

Of course, the AOC depends on the persons who had the foresight to nominate the outstanding young electrical engineers in their organizations. Without nominations, the AOC would have no one to recognize. Nominations are solicited by the AOC.

Dr. Ioannis Kanellopoulos

Dr. Jenshan Lin
in the spring of every year, and usually close around the first week in August. Nominations remain active as long as the nominees remain eligible and update their resumes at least every second year. At times, the AOC which solicits and maintains the nominations, may request additional information from the nominees, so it is important that nominees maintain contact with the AOC by sending them any changes of their addresses.

This year's Jury of Award panel consisted of the following distinguished members:
* Robert A. Bartolini, Awards Chairman, Vice President, Sarnoff Corporation, Princeton, New Jersey
* Kenneth R. Laker, Department of Electrical Engineering, University of Pennsylvania, Philadelphia, Pennsylvania
* Bruce Eisenstein, Electrical and Computer Engineering Department, Drexel University, Philadelphia, Pennsylvania
* Norman F. Gauss, Director of Engineering, Lockheed Martin Corporation, Princeton, New Jersey
* Jon Kendrick, Chair, Electrical Engineering Department, United States Naval Academy, Annapolis, Maryland
* John W. Teleides Corporation, Kirkland, Washington
* Robert E. Owen, Vice President of Technology Development, Cooper Power Systems, Franklinville, Wisconsin

The members of the 1997 Award Organization Committee were:
* Mark G. Adamiak, General Electric Co., Protection & Control, Malvern, Pennsylvania
* Amy Brotherton, On Leave, Columbus, Ohio
* Robert Bartolini, Sarnoff Corporation, Princeton, New Jersey
* Donald Christansen, IEEE (Retired), Huntington, New York
* Larry Dwon, Consultant (Retired), Columbus, Ohio
* James A. D'Arcy, Lockheed-Martin Communications and Power Division, Newtown, Pennsylvania
* Irving Engelson, IEEE (Retired), Piscataway, New Jersey
* Quayne G. Gennaro, Design by Hilton, Inc., Vienna, Virginia
* Willard B. Groth, Consultant, Boca Raton, Florida
* Michael R. Hajny, Metering Engineering, Inc., Charleston, South Carolina
* James D. Hebson, Jr., PSEG, Newark, New Jersey
* John Henderson, Hitachi America, Princeton, New Jersey
* Cecelia Jankowski, IEEE, Piscataway, New Jersey
* Ralph J. Preiss, IBM Corporation (Retired), Poughkeepsie, New York
* Berthold Sheffield, RCA (Retired), Belle Mead, New Jersey
* Joseph J. Strano, New Jersey Institute of Technology, Holmdel, New Jersey
* Kurt M. Trampel, IBM Corporation, Purchase, New York
* Won-tien Tsang, Lucent Technologies, Bell Laboratories, Murray Hill, New Jersey
* Eta Kappa Nu's 1997 OYEE, Dr. Fabio M. Chiussi, is a Distinguished Member of Technical Staff at Bell Laboratories, Lucent Technologies, Holmdel, New Jersey, in the High-Speed Networks Research Department. Born in Udine, Italy, he received his degree in Electronic Engineering (summa cum laude) from the University of Padua, Italy, in 1986. His subsequent degrees were an MS in EE from Stanford University (1988), a Ph.D. in Computer Science from Padua (November 1991), and an MS in Engineering Management from Stanford (December 1991) and a Ph.D. in EE also from Stanford (June 1993). His Ph.D. dissertation, under the supervision of Prof. F. A. Tobagi, has become one of the most influential works in the area of high-speed packet switching architectures, combining innovative architectural design, rigorous performance analysis and state-of-the art VLSI implementation of the proposed architectures. His work also established a theoretical foundation for the realization of Asynchronous Transfer Mode (ATM) switches which has received widespread recognition in the industry.

After his Ph.D., Dr. Chiussi joined his present employer in the VLSI Research Department where he conducted fundamental research in the area of broadband telecommunications networks and led the architectural design and development of two generations of a family of integrated circuits for ATM switches, called the ATLANTA chip set. This is currently a leading chip set in the ATM switching market and is recognized as one of the most innovative in the industry. It embodies the breakthroughs resulting from Dr. Chiussi’s research, including congestion control (available bit rate service), traffic management (packet scheduling and quality-of-service provisioning), and performance characterization of ATM switches. The result of his research is published in more than 45 technical papers, and he holds five issued patents with some 15 more pending. His current research interests include ATM switching, IP switching and routing, traffic management and scheduling, congestion control, and integrated circuit design.

Apart from his technical achievements, Dr. Chiussi has a formal music education, holding a diploma in classical guitar from an Italian conservatory and he is a talented painter who has exhibited in group shows in the U.S. and Europe. Some of his illustrations have been published in trading cards and games. He has given lectures on art history, published art reviews in local magazines and newspapers, and co-founded Vivo D’Arte, a publishing company of fine art prints. Before he became too busy, he freelanced in advertising as a copywriter, graphic artist, and composer (of jingles), contributing to several large accounts.

Besides mentoring students in Bell Labs’ summer research program for minorities and women, and serving as thesis advisor for others, Dr. Chiussi is a sailing and windsurfing instructor, an expert Alpine skier, and an accomplished sailor. He raced keelboats and dinghies all over the world, winning many events in different classes, including an Italian national championship and placing fifth at a world championship. He is currently campaigning a 49er, a two-trapeze high-performance dinghy for the Sydney 2000 Olympics.

Honorable Mention winner, Dr. Ioannis Kanelkappoulos, is Associate Professor at the EE Department of the University of California in Los Angeles. He was born in Athens, Greece in 1964. In 1982 he started his EE studies at the National Technical University of Athens after ranking first in the Greek National Admissions exam, and he received his five-year program diploma in 1987, graduating in the top 1% of his class. He then continued his studies as a Research Assistant in the Coordinated Science Laboratory with a Departmental Fellowship in 1987 and a Grainger Fellowship in 1990 at the University of Illinois, Urbana-Champaign. Under the guidance of Professor Petar Kokotovic, he received his MS and Ph.D. degrees in 1989 and 1992 respectively.

Dr. Kanelkappoulos’ primary research interests are in the theory and applications of non-linear and adaptive control to which he has made major contributions by finding radically new solutions far beyond the results of any existing theory. His theoretical discoveries include the award-winning development of a systematic "adaptive backstepping" methodology, which produced the first global stability and performance results for several broad classes of continuous-time uncertain nonlinear systems without imposing any growth restrictions on the nonlinearities. His "active identifi-
cation" procedure discovery is producing analogous global results for discrete-time nonlinear systems.

His application contributions include the first nonlinear spacing policies for longitudinal control of automated commercial heavy vehicles, which yield very good stability and performance in the absence of intervehicle communication and in the presence of significant actuator delays; also the first nonlinear design of active vehicle suspensions which ameliorate the inherent trade-off between passenger comfort and rattletraq utilization by smoothly shifting performance objectives in different operating regions of the suspension.

In the last five years, Dr. Kannelakopoulos has had a significant impact on UCLA undergraduate and graduate education by introducing dynamic modeling and simulation available to students on their home personal computers; it is now used in some 15 courses at UCLA. He personally teaches two undergraduate and two graduate courses with the inclusion of computer assignments for control design and simulation. He and his students included his backstepping technique in the software toolbox which is now available for use by all. Dr. Kannelakopoulos also upgraded all undergraduate and several UCLA graduate control courses.

In addition, in conjunction with a professor from the signal processing area and one from the communications area, he developed a new "Systems Design" undergraduate course in which students learn to design control, communications and signal processing modules, and to integrate them into complete systems. The course emphasizes the tradeoffs and interconnections between subsystems, and teaches the students how to design one subsystem to compensate for the shortcomings and benefits of the other subsystems.

His work so far is described in one book, five chapters in edited volumes, 26 journal papers, 47 conference papers, and 13 technical reports. Dr. Kannelakopoulos is in high demand as guest speaker worldwide as technical conference session organizer, and he has graduated two Ph.D. and four MS candidates in his specialty. Not only has he personally won two best student paper awards, but three of his students have already been recognized with Best Student Papers in the IEEE Conference on Decision and Control.

Honorable Mention winner Dr. Jenshen Lin was born in Keelung, Taiwan, and received his BS in Electrophysics from the National Chiao Tung University in Taiwan. After two years of military service as a second lieutenant, he took a civilian job in electrical and electronic measurement standards at the Center of Measurement Standards, Industrial Technology Research Institute, Hsinchu, Taiwan, from 1989 to 1990. Dr. Lin also completed an automatic inductance calibration system and published his first technical paper in the 1990 IEEE Conference on Precision Electromagnetic Measurement.

Dr. Lin came to the United States in 1990 to continue his studies at the University of California, in Los Angeles, where Professor Tatsuio Itoh served as his research adviser. He advanced his research interest of controlling and predicting the behavior of electromagnetic waves in high frequency circuits through his MS and Ph.D. thesis topics on tunable active bandpass filters, and active integrated antennas. He received his degrees in 1991 and 1994 respectively.

As part of his Ph.D. thesis and post-doctoral research at UCLA, Dr. Lin designed and demonstrated the first two-dimensional injection locking microwave oscillator and active array antenna. This invention utilizes a seeding oscillator to control many coupled oscillators and radiating elements to effectively combine the radiation power together and project it to a desirable location. Dr. Lin was selected as 1994 UCLA outstanding Ph.D. He joined Bell Laboratories in July, 1994 and immediately became a leader in several research projects for microwave communications involving high frequency circuits for wireless communications applications.

The first circuit Dr. Lin demonstrated in 1995 was a 30 GHz heterojunction bipolar transistor (HBT) voltage-controlled oscillator operated at 1.5 Volts. At this writing, its bias voltage and phase noise are still the lowest made public. He has since extended the work to high frequency circuits using both HBTs and high electron mobility transistors (HEMT). In 1996, he discovered the current crowding effect that degrades an inductor's quality factor (Q). By developing guidelines for designing integrated inductors, he was able to design high-Q inductors very accurately.

Dr. Lin serves on a number of IEEE committees and has authored and co-authored some 50 technical papers, has lectured worldwide on active integrated antennas, and has one U.S. patent granted with six more pending in the areas of diversity antennas, active antenna repeaters, and linear power amplifiers.

Besides his own research, Dr. Lin participates in the Bell Labs Summer Research Program where he mentors minorities and women college students, one of whom placed second in the 1997 IEEE International Microwave Symposium's student paper contest. He also has practiced Tai Chi since age 10, and Chi Kung since college. In fact, he has been selected as a member of the 14th generation of the Dragon Gate Division which emphasizes the harmonic enhancement of both mind and body through the practice of Chi.

We shall continue to describe the accomplishments of the outstanding young electrical engineers of 1997 in another issue of THE BRIDGE. Watch for it later in the year.

To review the nomination process:

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.

Nomination forms for 1998 may be obtained from the Executive Secretary of Eta Kappa Nu, PO Box 2107 Rolla, MO 65402 and should be returned to him by August 1, 1998 for processing.

An eligible candidate for OYEE is one who:
- has an electrical engineering degree (BS, MS, Ph.D.) from a recognized U.S. engineering school.
- will have been graduated not more than 10 years as of May 1, 1998 from a specified baccalaureate program.
- will not have reached his or her 35th birthday as of May 1, 1998.

Awards are based upon:

(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 and development.

(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; and

(3) the candidate's cultural and aesthetic development, such as work done in fine arts, architecture or the performing arts. Studies 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.
Ira Soller Receives State University of New York Chancellor’s Award

at the Bendix Corporation, where he was involved in Space and military work which included the Pershing Missile and the design of the Digital Logic Unit for the Sky-Lab star tracker, as well as automatic test equipment for the F-15’s. Subsequently, at Fairchild Camera he designed the digital portion of the Panoramic Indicator for the TLO-17A electronic countersmeasures set.

For the past 20 years Mr. Soller has worked in biomedical and clinical engineering at SUNY, where he is presently Director of Biomedical Engineering. His department, The Scientific and Medical Instrumentation Center (SMIC), provides a full range of Biomedical/clinical engineering services, including research related activities. While at SUNY Mr. Soller developed the curriculum for, and taught a course on, Medical Monitoring for the SUNY College of Health Related Professions Cardiovascular Perfusionist program.

Nominations Invited for the Eighth Vladimir Karapetoff Eminent Members’ Award

Mr. Soller’s engineering career spans more than 30 years. After graduation from CCNY, he worked

at AAMI, ACCE, ASHE, IEEE. Mr. Soller serves as Coordinator for the New York Metropolitan Area Clinical Engineering Directors Group, represents University Hospital of Brooklyn on the Engineering Council of the University Healthcare Consortium, and serves on the Curriculum Advisory Committee of the Biomedical Engineering Technology Department of SUNY Farmingdale.

Mr. Soller has contributed to the UHC Operations Improvement Compendium of Cost Savings Project: Clinical Engineering, and has presented at AAMI on “The changing role of biomedical/clinical engineering as a result of healthcare reform & funding cutbacks” and “Biomedical/clinical engineering department restructuring, a practical management guide.”

His father was an engineer and his mother a student at a military medical school.

Dr. Karapetoff emigrated to the United States in 1942, and became a naturalized citizen in 1949. In 1944 he joined the engineering faculty of Cornell University as an assistant professor. In 1958 he was made a full professor and continued in that capacity until he retired from active teaching in 1989.

In an account of Dr. Karapetoff’s career, his Cornell University colleagues R. F. Chamberlain, N. A. Hurwitz, and Everett M. Strong, recalled his continuing dedication to Etta Kappa Nu. During World War II he was commissioned a Lt. Commander in the U.S. Navy. But beginning in 1942, Kary, as he was known to his associates, began to lose his sight in both eyes, and despite temporary relief through operations, he ultimately lost his sight and schooled himself in Braille and “talking books.”

Even after his blindness he seldom missed the annual Etta Kappa Nu Award dinner in New York City, and would address them in “refreshingly original and lucid expositions” of his technical interests. Fellow HKN members viewed these occasions as sort of a “national Kary reunion.” His handicap notwithstanding, his cheerfulness, determination, and ingenuity prevailed.

His colleagues remembered him as an accomplished musician on his piano, violin, and double bass. He toured the country giving recitals and lectures on Wagner, Last, and other major composers, and developed a five-string cello on which violin music could be played. He received an honorary Doctor of Music degree from New York College of Music.

Professor Simpson Linke, writing in the Winter 1984-85 Engineering Cornell Quarterly, cited the following excerpt from Karapetoff’s Electrical Laboratory Notes, published in 1966, 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 screwdriver 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 skimming 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.
FIVE COLLEGE CHAPTERS WIN AWARDS FOR OUTSTANDING ACTIVITIES IN 1996-97

by Alan Lefkow

All the award programs of Eta Kappa Nu have the common theme of holding service to others as important as scholarship or professional achievement. For college chapters, whose members have already demonstrated their scholarship accomplishments by their original eligibility for Eta Kappa Nu, services to their department, their school, and their community mark an outstanding chapter. For chapters whose program of activities show outstanding service to others, the Outstanding Chapter Activities Award program provides the recognition to those chapters who have excelled in this area.

For the academic year 1996-97, five chapters of Eta Kappa Nu were judged to have programs of activities that stood above the rest. These chapters received one of three awards: the Certificate of Merit award for meritorious programs, the Honorable Mention award for outstanding programs, or the National Winner award for the most outstanding program.

Alphabetic list of winning chapters:

Alpha Epsilon chapter (University of Hawaii at Manoa) in 1996-97 received the Certificate of Merit for their excellent programs. Beta Epsilon chapter (University of Michigan) received the Honorable Mention award for their outstanding program. Beta chapter (Purdue University) was voted the National Winner for the most outstanding program in 1996-97.

The award plaques are being prepared and will soon be presented to these fine chapters. Certificate winners each receive their certificate laminated in walnut with gold trim. Honorable Mention and the National Winner receive metal plaques engraved in color and mounted on a red velvet framed in walnut.

All the awards are noteworthy symbols to mark the chapter’s distinction as an outstanding chapter. In the past, selected winning reports of such fine chapters have appeared in various issues of Bridge to serve as encouraging examples. For certain, their activities cover a wide range. Popular activities include helping the poor of their community, service to local high schools, support to many events at their own school, providing scholarships and awards to outstanding students, tutoring programs, Resume books for graduating seniors, providing food at their student lounge, services to alumni (newsletters, record keeping), evaluating courses and providing course guides, key support for alumni, Endowment Day, and promoting interaction between students and faculty. These are but a few of the activities that winning chapters perform for their school or department.

Outstanding chapters are selected, based on their report program. Any chapter that sends in an annual report is automatically entered into the competition. Reports arrive at National after the end of the academic year and into early fall. They are judged in the winter, and the winners are announced by spring.

Winning chapters submit reports of distinction that do justice to their programs of activities, as previous reports published in Bridge have shown. Desktop publishing and other professional methods on campus have contributed to reports that look as good as the chapters they portray. Such reports require hard work, as do outstanding programs of activity. Beta Chapter’s winning report is presented here as an encouraging example.

Future issues of the Bridge will feature the winning reports of the Beta Epsilon, Alpha, Delta Omega, and Kappa Epsilon chapters.

Table of Contents

A Brief History of Eta Kappa Nu and Beta Chapter
Annual Report
Eta Kappa Nu
Beta Chapter
Purdue University
1995-96 Academic Year

A Brief History of Eta Kappa Nu and Beta Chapter

The Eta Kappa Nu is a technical engineering honorary. It is an international organization of excellence, with a common bond of professional accomplishment and personal character. It is open to members of the university community, with a chapter at each college or regional center of the university. The chapter of Eta Kappa Nu is located at Purdue University, where several branches have been established in the departments of engineering sciences.

The Eta Kappa Nu was founded at the University of Illinois in 1884 by Professor M. E. L. C. Carlin. The chapter was formed to establish a society for the promotion of the science and art of electrical engineering. The Eta Kappa Nu was incorporated as a corporation in 1896, and the first charter was granted to the chapter at the University of Illinois. The chapter's founders were A. W. Harrington, President, and E. C. M. Carlin, Secretary. The chapter has been active in the University of Illinois since 1911, under the name of the University of Illinois Chapter of Eta Kappa Nu.

The chapter of Eta Kappa Nu at Purdue University was organized in 1930, with an charter being granted to the chapter at the University of Illinois. The chapter's founders were L. R. C. Carlin, President, and R. C. M. Carlin, Secretary. The chapter has been active in the University of Illinois since 1911, under the name of the University of Illinois Chapter of Eta Kappa Nu.

Early in its history, the chapter was active in the promotion of technical education. As early as 1930, the chapter had established a scholarship in the field of electrical engineering. The chapter has continued to promote technical education, with a focus on electrical engineering. Eta Kappa Nu has been active in the University of Illinois since 1911, under the name of the University of Illinois Chapter of Eta Kappa Nu.

The chapter of Eta Kappa Nu at Purdue University was organized in 1930, with an charter being granted to the chapter at the University of Illinois. The chapter's founders were L. R. C. Carlin, President, and R. C. M. Carlin, Secretary. The chapter has been active in the University of Illinois since 1911, under the name of the University of Illinois Chapter of Eta Kappa Nu.

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Active Membership

During the 1985-1986 school year, we had about 150 active members on the Hopkins campus. Without the dedication and support of all the active members, this chapter would not be possible. For that reason, we truly appreciate all the active members, and we really hope that Beta Chapter has created regular active members, truly valuable to the community. It is a proud tradition to have a high ratio of active members, and we hope that this tradition continues. Also, we believe that being a member of Beta Chapter is an excellent way to develop basic skills, particularly if you are a high school junior or senior. Active members have a unique opportunity to contribute to the chapter's goals by being involved in community service projects, as well as attending meetings and participating in chapter activities. The active members are our people who hate to be bored and have fun in chapter activities.

The Nicest Guys of Beta Chapter

For the first time in our history, the active men of Beta Chapter were honored with the title of "The Nicest Guys on Campus." This title was given to the active members of Beta Chapter for their outstanding contributions to the Hopkins community. The Nicest Guys of Beta Chapter were chosen based on their commitment to community service, their leadership abilities, and their dedication to making a positive impact on the Hopkins community. The Nicest Guys of Beta Chapter played a crucial role in organizing various community service projects, and they were always ready to help others whenever they needed it.
FootPrint Secretary

Along with a dozen other officers and a responsible, FootPrint takes charge in all activities related to FootPrint. Every year, the department meets to plan and put into action every plan related to FootPrint, including all events and activities. The department operates under the guidance of the FootPrint Secretary, who is responsible for all aspects of the department's operations. The FootPrint Secretary is also responsible for ensuring that the department's goals and objectives are met, and for providing leadership and direction to the department's members.

Workshop Secretary

The Workshop Secretary is in charge of all the activities related to the workshop. This includes planning and organizing the workshop, providing a platform for the workshop, and ensuring that all the necessary resources are available. The Workshop Secretary is also responsible for ensuring that the workshop is conducted in a safe and effective manner.

Pledge Director

The Pledge Director is responsible for overseeing the pledge process and ensuring that all pledges are completed. The Pledge Director is also responsible for maintaining a record of all pledges and ensuring that all pledges are completed on time.

The Department of Event Planning is in charge of managing all events and activities related to FootPrint. This includes planning and organizing all events, as well as ensuring that all necessary resources are available. The Department of Event Planning is also responsible for ensuring that all events are conducted in a safe and effective manner.

Receivings Secretary

The Receivings Secretary is in charge of receiving and distributing all the materials related to FootPrint. This includes receiving all the materials from the FootPrint Secretary, as well as ensuring that all materials are distributed to the correct individuals. The Receivings Secretary is also responsible for ensuring that all materials are received and distributed on time.

Secretary

The Secretary is responsible for managing all the records and documents related to FootPrint. This includes managing all the records and documents related to FootPrint, as well as ensuring that all records and documents are stored in a safe and effective manner. The Secretary is also responsible for ensuring that all records and documents are updated and maintained on a regular basis.

The FootPrint Secretary is in charge of managing the FootPrint Secretary, who is responsible for managing all the records and documents related to FootPrint. The FootPrint Secretary is also responsible for ensuring that all records and documents are stored in a safe and effective manner, as well as ensuring that all records and documents are updated and maintained on a regular basis.
Looking Forward

As the new year dawns, the Society is poised to embark on an exciting new chapter. The past year has been marked by significant advancements and accomplishments, setting the stage for even greater strides in the coming months.

Technical Activities
With a focus on promoting innovation and collaboration, the Society continues to foster a dynamic environment that encourages the exchange of ideas and the sharing of knowledge. Through its various technical committees and initiatives, the Society aims to address the pressing challenges facing the technology landscape.

Awards and Scholarships
The Society annually recognizes outstanding contributions to the field through its prestigious awards program. These awards not only celebrate individual achievements but also inspire the next generation of technologists.

Looking to the future, the Society remains committed to its mission of advancing technology for the benefit of humanity. With a renewed focus on education, research, and innovation, the Society is poised to make significant contributions to the global technological landscape.

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18

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Appendix A: The Beta Chapter Scholarship Endowment

A "Dipl" History

During an alumni meeting at Beta Chapter in the fall of 1986, all members were gathered and having a good time. During the meeting, a resolution was called for the establishment of a scholarship endowment. The resolution was passed and all members present voted in favor of the endowment. This was a historic achievement for Beta Chapter and was a significant step in the development of the chapter's financial stability. The endowment was established to provide financial assistance to members who were facing financial difficulties.

The 1986-1987 Scholarship Fund

On May 12, 1986, the endowment was officially presented to the department. The presentation took place at the chapter headquarters, and all members were present to witness the presentation. The presentation was a significant event for Beta Chapter and was a testament to the chapter's commitment to its members. The endowment was presented to the department to support the chapter's financial stability.

The 1987-1988 Scholarship Fund

The Beta Chapter Scholarship committee was recognized for its efforts in raising funds for the endowment. The committee was led by Dr. Schwartz, who was the chapter president at the time. The committee was successful in raising funds for the endowment, and the chapter was able to continue its financial stability.

The 1988-1989 Scholarship Fund

The Beta Chapter Scholarship committee was once again recognized for its efforts in raising funds for the endowment. The committee was led by Dr. Schwartz, who was the chapter president at the time. The committee was successful in raising funds for the endowment, and the chapter was able to continue its financial stability.

The 1989-1990 Scholarship Fund

The Beta Chapter Scholarship committee was once again recognized for its efforts in raising funds for the endowment. The committee was led by Dr. Schwartz, who was the chapter president at the time. The committee was successful in raising funds for the endowment, and the chapter was able to continue its financial stability.

The 1990-1991 Scholarship Fund

The Beta Chapter Scholarship committee was once again recognized for its efforts in raising funds for the endowment. The committee was led by Dr. Schwartz, who was the chapter president at the time. The committee was successful in raising funds for the endowment, and the chapter was able to continue its financial stability.

In summary, Beta Chapter has been successful in establishing and maintaining a scholarship endowment. The endowment has provided financial assistance to members in need and has helped to ensure the chapter's financial stability.

Appendix B: The 1995 Fall Banquet

The Fall Banquet and initiation Banquets were held at the University Inn in West Lafayette. Donald Brown, President of Purdue, gave the opening remarks. The banquet provided an opportunity to recognize members of the new pledge class as well as to recognize outstanding members. Donald Brown, President of Purdue, gave the opening remarks. The banquet provided an opportunity to recognize members of the new pledge class as well as to recognize outstanding members.

Appendix C: The 1996 Spring Banquet

The Spring Banquet and initiation Banquets were held at the University Inn in West Lafayette. Donald Brown, President of Purdue, gave the opening remarks. The banquet provided an opportunity to recognize members of the new pledge class as well as to recognize outstanding members. Donald Brown, President of Purdue, gave the opening remarks. The banquet provided an opportunity to recognize members of the new pledge class as well as to recognize outstanding members.
Appendix D: The Lounge

Introduction:

The ETA Kappa Fraternity has established a new student center to provide a place for the

students to relax and socialize. The lounge is open to all students and is equipped with comfortable seating and a wide variety of refreshments. The lounge is a popular spot for students to study, read, or just hang out with their friends.

Periods of Operation:

The lounge will be open from 10:00 am to 11:00 pm, Monday through Friday, during the academic year. The lounge will be open from noon to 10:00 pm, Saturday and Sunday. The lounge will be closed on all university holidays.

Daily Operations:

During the academic year, the lounge will be open from 10:00 am to 11:00 pm, Monday through Friday. During the summer, the lounge will be open from noon to 10:00 pm, Saturday and Sunday. The lounge will be closed on all university holidays.

Lounge Hours:

9:00 AM - 10:00 PM

1. Welcome to The Lounge
2. A great place to study
3. A place to hang out with friends
4. A place to relax and unwind

Annual HKN Song and Dance Revue

The ETA Kappa Fraternity presents an annual song and dance revue to entertain and delight its members. The revue features a variety of musical numbers and dance routines, including a special tribute to the founding brothers of the fraternity.

Annual HKN Ball

The ETA Kappa Fraternity holds an annual ball to celebrate the academic year. The ball features a formal dinner, dancing, and entertainment provided by a professional band. The evening is a great opportunity for members to socialize and enjoy each other's company.

Older Alumni Society Meeting

The ETA Kappa Fraternity holds an annual meeting for older alumni to reconnect and reminisce about their college years. The meeting features a keynote speaker, a buffet dinner, and a social hour. The event is a great way for alumni to catch up with old friends and share stories from their college days.

Appendix E: The Alumni Newsletter

HKN ALUMNI NEWSLETTER

The President's Address (Fall 1995)

The new year is upon us and we are all excited about the challenges and opportunities that lie ahead. The ETA Kappa Fraternity has a long and storied history, and we are proud to be part of this tradition.

We want to take this opportunity to thank our members for their dedication and commitment to the fraternity. We are grateful for the support and participation of our alumni, who have helped shape the organization into what it is today.

Please consider joining us in our efforts to preserve and promote the legacy of the ETA Kappa Fraternity. We welcome your suggestions and ideas for future events and initiatives.

Sincerely,

The ETA Kappa Fraternity

HKN News

The old HKN lounge is back!

The ETA Kappa Fraternity is excited to announce the return of the old HKN lounge, located in the basement of the fraternity house. The lounge features a variety of comfortable seating, a bar, and a pool table. It is a great place to socialize and relax after a long day of classes.

Light refreshments will be available, and members are encouraged to bring their own drinks. The lounge will be open from 4:00 pm to 10:00 pm, Monday through Thursday, and from 4:00 pm to 12:00 am on Fridays.

Please join us for a drink and a chat and help us celebrate the return of the old HKN lounge.
University of Hawai‘i at Mānoa

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E-mail: eeoffice@wiliki.eng.hawaii.edu

Dr. Alan Leikow
Chapter Award Program
Eta Kappa Nu Association
17 Jacobs Road
Thiells, NY 10984
May 7, 1998

Dear Dr. Leikow,

Enclosed please find a color photograph of the remaining members of the Delta Omega Chapter 1996-1997. From left to right is Marney M. Furuyama, Jenny Huang, Michelle G. Kim, Kevin W. Miyashiro, Wendy M. Okamura, Michael Masaki, and the advisor (me, tallest one), Galen Sasaki. Here I am presenting the plaque to Wendy, who was the president for that year. The presentation was held at the annual HKN banquet on April 18, 1998.

If you need any additional information, please feel free to contact me. Please send me an acknowledgment that you have received this letter. Thanks.

Sincerely,

[Signature]

Galen H. Sasaki

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