Andrew L. Sears
Outstanding EE Student
Wins
Zerby-Koerner Award

Michelle C. Munson
Outstanding EE Junior
Wins
Norman R. Carson Award

1995 WINNERS

Also Featured: Michigan's Honorable Mention Report

Kappa Kappa Chapter Installed
University of Texas at Dallas

Kappa Lambda Chapter Installed
University of Memphis
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Thiells, NY 10894

KARAPETOFF EMINENT MEMBERS’ AWARD COMMITTEE
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Mr. Donald Christiansen
434-A West Main Street
Huntington, NY 11743

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PAUL K. HUDSON HKN DEVELOPMENT FUND ANNUAL CAMPAIGN

Established by the Board of Directors in April 1992, 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 HKN 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 visits 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)

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

with the enclosed contribution of $_____

...I wish to pledge a total of $_______ to the Hudson Fund, at $_______ per year for ________ years, beginning ________

NAME
ADDRESS
CITY, STATE, ZIP CODE

Return to: Eta Kappa Nu International Headquarters
Box HKN
University of Missouri-Rolla
Rolla, Missouri 65409

Address change to: HKN BRIDGE, P.O. Box 2107, Rolla, MO 65402

Paul K. Hudson
1916-1988
Eta Kappa Nu Executive Secretary and BRIDGE Editor, 1958-1988
Zerby-Koerner Student Profile

The Alton B. Zerby and Carl T. Koerner Outstanding Electrical Engineering Student is outstanding by virtue of his/her scholastic excellence and high moral character; coupled with demonstrated exemplary service to classmates, university, community, and country.

Among the purposes which Eta Kappa Nu expects to achieve by the operation of this program are: Honor annually the outstanding electrical engineering student by providing accepted recognition of accomplishments in this field; Recognize the outstanding electrical engineering student’s school; Motivate electrical engineering students to earn membership in Eta Kappa Nu; Distinguish the undergraduate chapter of Eta Kappa Nu from which the outstanding EE student was chosen; Provide additional opportunity for publicity and recognition of the Eta Kappa Nu Association and its objectives; and Encourage electrical engineering schools not having a chapter of Eta Kappa Nu to qualify and establish a chapter.

Inaugurated in 1965 as the Outstanding Electrical Engineering Student Award Program of Eta Kappa Nu, it has become a traditional means of providing recognition to deserving Electrical Engineering Students in the United States of America. In 1975 the name was changed to “The Alton B. Zerby Outstanding Electrical Engineering Student Award” to honor and perpetuate the memory of Mr. Zerby, a long time leader and Executive Secretary of Eta Kappa Nu, who was dedicated to the students. In 1993 the name was further changed to include Carl T. Koerner, to honor and perpetuate the memory of brother Carl, who had a lifelong dedication to Eta Kappa Nu, including serving as its President; and his selection as the fifth recipient of the prestigious Eta Kappa Nu Distinguished Service Award in 1975 in recognition of his contributions to electrical engineering and Eta Kappa Nu.

This award considers not only the scholastic achievements of the student, but also the student’s contributions to electrical engineering and Eta Kappa Nu.

(Continued on Page 2)
JEFFERY T. ESBACH was nominated by the Beta Chapter at Purdue University. He is a member of SWE, IEEE, and has been honored with membership in Golden Key and Tau Beta Pi as well as Eta Kappa Nu. Jeffrey has been awarded a National Science Foundation Fellowship for 1995. As a class project he designed a voice/sound digitizer which could record, modify and play back audio samples, and also designed, simulated and tested a VLSI chip to control a game board, among many other projects. While working at Intel Corporation he designed a board to interface with a VESA (Video Electronics Standards Association) local bus within a personal computer. A patent was applied for through Intel. At Rockwell International he designed and tested an ASIC (application specific integrated circuit) chip for data flow control and timing of a modem.

Jeff assisted at the Lafayette Homeless Shelter as clerk, server, janitor, etc., Little League coach and worked with needy children. At school he organized a campus-wide tutoring program, monthly social events to promote professor/student interaction, school picnic and other student outings. At Intel he was chairman of the sports committee.

He is a member of the Purdue roller hockey team and plays ice hockey, golf and volleyball. On the quiet side he enjoys painting, computer strategy games and study of Japanese language and culture.

GENEVIEVE B. MELTON was nominated by the Delta Zeta chapter at the Washington University in St. Louis, Missouri. She is a member of Tau Beta Pi and received a BS in Electrical Engineering, a BS in Computer Science, a BA in Mathematics, and a minor in physics.

In a cooperative education program between the school and Monsanto Company, she managed all aspects of a Local Area Network composed of over 400 workstations and servers on both Ethernet and Token-Ring technology. She was involved in research projects in Signal Processing on an auditory grant modeling synaptic cell membrane potentials using stochastic processes and other modeling. She also teaches two classes.

She has a unique ability to organize and get cooperation in team projects, both school assignments and service activities. She served the Engineering School as a tour guide, lunch host, peer advisor and tutor. She is co-founder of "Shades," an organization for multi-racial students.

Genevieve is an athlete. She was captain of the Varsity Track and Field and was awarded the GTE Academic/Athletic NCAA All-District team and All-Academic Association Honors. She served on the University advisory Board on Planning & Appropriation for the Athletic Department.

GIN SUN YEE, with a GPA of 3.93, ranking first in his class of 270 EE seniors, graduated summa cum laude. He was nominated by the Iota Upsilon chapter at the University of Washington in Seattle. He is a member of IEEE and has been honored with membership in Golden Key, Phi Eta Sigma and Tau Beta Pi as well as Eta Kappa Nu.

His research project for VLSI CAD design produced a paper entitled "Domino Logic Cell Generator." While working for the Puysyk Integrated Circuit Company as a contract engineer he's duties included circuit and logic design, simulation, compiler design, layout and documentation of IC products. His responsibilities also included setup and maintenance of CAD software and equipment related to design activity. His computer skills are extensive.

Gin has worked as a volunteer for the Ronald McDonald House in support of the Children's Hospital. He instituted a code of honor for the EE Department and tutored engineering students. As president of IEEE and HKN he has instituted many services for the students and for the department.

Mr. Yee's interests are weight lifting, art graphics and design, chess and downhill skiing.

Christina Ann Cardarelli Gloria Jiang
Matthew Paul Kupperman Brian Colin Timberlake
Amy Gayle Weisbin

Finalists:
Pennsylvania State University
University of Louisville
University of Wisconsin-Platteville
Clemson University
University of California-Los Angeles

(Continued from Page 4)
MICHELLE C. MUNSON WINS NORMAN R. CARSON AWARD AS OUTSTANDING EE JUNIOR by Michael Schoenfelder and Richard R. Gallagher

Editors Note: Material for this article is taken from the award applications, which were received in May 1995.

INTRODUCTION

Annual Program. Each year Eta Kappa Nu honors a junior in electrical engineering for his or her leadership abilities, scholastic and technical achievements, and service contributions. This award, the Norman R. Carson Outstanding Electrical Engineering Junior Award, was established by Mr. and Mrs. Carson to recognize the student's ability to lead, persuade, and influence the actions of others, as well as to recognize his or her diligence, intelligence, and technical competence. The Eta Kappa Nu Alumni Chapter of Austin, Texas, which administers this award, received many outstanding applications. After careful consideration, one winner, one runner-up and four honorable mentions were selected.

Winner
Michelle Munson, Beta Kappa Chapter, Kansas State University

Runner-up
Keith Blackford, Gamma Theta Chapter, University of Missouri-Rolla

Honorable Mentions
Meghan Thornton, Alpha Chapter University of Illinois at Champaign-Urbana
Jovan D. Milosavlievic, Theta Mu Chapter State University of New York at Stony Brook

Christopher Korpela, Iota Phi Chapter, United States Military Academy, West Point, New York
Christy Lawson, Epsilon Chi Chapter, University of Louisville

WINNER

MICHELLE MUNSON, BETA KAPPA CHAPTER, KANSAS STATE UNIVERSITY. Michelle C. Munson has been instrumental in leading, mentoring, and using her intellectual talents in a manner that has demonstrated strong leadership during her undergraduate education. The listing of her leadership positions and personal involvements is overwhelming. While being involved in numerous extracurricular activities, she has also demonstrated keen intellectual drive as illustrated by her high class ranking. Michelle has been honored with membership in Phi Kappa Phi, Tau Beta Pi, and Eta Kappa Nu and has received several other University honors and scholarships. She has served as Chairman of the IEEE KSU student branch and chaired a Student Professional Awareness Conference. Recognition has been extended to the national level through the Barry M. Goldwater, Harry S. Truman, and the U.S. Presidential Scholarship Programs. Furthermore, Michelle has been a student representative to the national executive committee of the National Collegiate Honors Council and served as student editor of the National Honors Report quarterly.

In the summer of 1993, Michelle participated in the Washington Internships for Students in Engineering (WISE) program. As one of two students in the United States to be selected by AICHe, this experience culminated with a policy thesis, "NAFTA and the Environment," and a companion summary article which was sent to each member of the U.S. Congress. She has played an active role in several academic research projects on campus. These have been very diverse in nature as exemplified by the topics: Genetic Recombination in Rad3 Mutant Yeast Strains; High-Temperature Superconducting Magnetic Shields; Ionizing Radiation Damage in Integrated Circuits and Genetic Research in Mental Illness.

Michelle was recently selected out of approximately 1,000 applicants by Glamour magazine as one of the Top Ten College Winners. During her undergraduate career she has shown a sensitivity to her fellow students and to the community through numerous service programs, student government, and her participation on University-wide committees. In her spare time, Michelle volunteers in her community, studies ballet, and runs cross country (KSU Intramural Champion). She has organized a community effort to establish a local Internet service provider and serves as Technology Development Director for the resulting corporation. Donald E. Rathbone, Dean of the College of Engineering at Kansas State University, made this summary comment regarding Michelle's qualifications as recipient of the Norman R. Carson Outstanding Electrical Engineering Junior Award. Michelle is "unquestionably one of the most outstanding young persons that I have met in my many years at Kansas State University. She is a remarkable young lady who will contribute greatly to her profession and to society." The Lone Star Alumni Chapter whole-heartedly congratulates Michelle Munson on her leadership and outstanding accomplishments.

RUNNER UP

KEITH BLACKFORD, GAMMA THETA, UNIVERSITY OF MISSOURI-ROLLA. While maintaining an almost-perfect GPA, Keith Blackford has been very active in the university Student Council, where he has served as Vice-President. He has also chaired several student council committees and served on many other university committees. Keith was Vice-President of the Christian Campus Fellowship, where he organized four community service trips. He is first-chair tuba in the University Wind Ensemble and a member of Eta Kappa Nu, Phi Kappa Phi, Phi Eta Sigma, and IEEE. Keith plans to earn a Ph.D. and teach Electrical Engineering.
HONORS AND ACHIEVEMENTS

THEODORE W. HISSEY, JR. APPOINTED IEEE EXECUTIVE DIRECTOR

Theodore W. Hissey, Jr. of Erdenheim, PA, a principal engineer at Macro Corporation, Horsham, PA, has been elected to his second term as executive director by the Assembly of The Institute of Electrical and Electronics Engineers, Inc. (IEEE). In this capacity, he will serve as a member of the 1986 IEEE Board of Directors and Executive Committee. In 1985, Mr. Hissey was the first individual elected to this position to serve as a volunteer.

The IEEE is the world’s largest technical professional society, with nearly 315,000 members in approximately 150 countries. The IEEE Assembly consists of 23 members in leadership positions, all of whom have been directly elected by the voting members. A world leader in the electronic dissemination and retrieval of technical information, the IEEE generates and distributes more than 25 percent of the world’s literature on electronics, electrical engineering, computer science, applied physics, and information technology.

A member of the Institute since 1947, Mr. Hissey has had a number of leadership positions including six previous terms on the IEEE Board of Directors serving as executive director in 1995, treasurer from 1991-93 and division director-Power Engineering and Energy in 1988-89. He also has served on numerous IEEE committees and boards while also participating in the governing board of the IEEE Power Engineering Society for the past 25 years. In 1995, he was awarded the IEEE Emerson Award for outstanding service and worldwide technical contributions to electrical engineering.

Mr. Hissey has traveled to and worked in more than 40 countries conducting seminars, meetings and commercial activities. He has written and presented numerous technical papers and articles and conducted seminars mainly in power system automation. He is a member of the Tau Beta Pi,Eta Kappa Nu and Pi Mu Epsilon honorary societies. He received his bachelor’s degree in electrical engineering from Penn State.

KAREN BRAILEAN
1985 SWE DISTINGUISHED NEW ENGINEER AWARD

Karen Brailean is a recipient of the 1985 Society of Women Engineers (SWE) Distinguished New Engineer Award. The Distinguished New Engineer Award was established to honor women engineers who have been actively engaged in the engineering profession with no more than ten years of cumulative engineering experience and who have demonstrated outstanding performance in engineering and leadership.

Brailean is a Senior Staff Engineer in Motorola Integrated Radio Systems (MIRS) Development where she is responsible for MIRS system performance. She has been involved with MIRS technology since she joined Motorola, Inc. in 1980 and played a critical role in the 1988-89 development. She led the team of engineers that tested and analyzed the MIRS prototype and was responsible for all aspects of MIRS System Technology transfer from research to development. Because of her in-depth knowledge, she is the technical expert who resolves the customer problems the field engineers cannot solve.

Brailean has been active in other organizations such as the Chicago Technical Exchange, a coalition of minority engineering societies, and the Motorola Technical Women’s Network. She received a B.S. in electrical engineering from Purdue University and an M.S. in electrical engineering from the University of Southern California. Her concentration was in communications systems.

The Society of Women Engineers (SWE) is a non-profit educational service organization of women engineers dedicated to expanding the image of the engineering profession as a positive force in the quality of life. SWE has an international membership of more than 16,000 women and men with sections in 78 areas of the United States and Puerto Rico.

GLORIA MONTANO ELECTED TO SWE BOARD OF DIRECTORS

Gloria Montano has been elected to serve on the SWE Board of Directors as Vice President of Special Events for 1995-1996. Montano has been active on all levels of the Society serving as National Chair of the Publications Committee, producing the 1991 and 1992 SWE Annual Report, as Co-Chair of the 1989 SWE National Convention/Student Conference held in Oakland, CA, and as President of the Santa Clara Valley Section. She also served as President of the Student Section at the University of Texas at El Paso where she received a B.S. degree in Electrical Engineering.

Ms. Montano is employed by Tandem Computers as a Program Manager responsible for managing the release of Tandem software products. Tandem is the industry leader in continuously available, parallel on-line transaction processing systems, services and networks. Among her awards and honors, she received the Chairman’s Achievement Award from Mentor Graphics, the Distinguished New Engineer Award from Society of Women Engineers, the Outstanding Service Award from Silicon Compilers Incorporated, and was nominated for an IBM Young Electrical Engineer by the IBM Corporation. She is a member of the Institute of Electrical and Electronics Engineers (IEEE), Tau Beta Pi, and Eta Kappa Nu.

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COOPER HEWITT LAMPS

(An Historical Note)

by George J. Taylor, P.E.

COOPER HEWITT LAMPS

In the early part of 1896, Dr. Peter Cooper Hewitt was engaged in experimental research which resulted in what was known as Cooper Hewitt lamps. He saw the possibilities with a lamp of this kind and felt it advisable to interest some large electrical manufacturing concerns with it. The General Electric Company was first approached, but after some deliberation it felt that it was not advisable to undertake the purchase of the Cooper Hewitt patents.

The Westinghouse Electric & Manufacturing Company was confronted with the idea next and Mr. Westinghouse from a purely personal standpoint, not in connection with the company, became interested in the possibilities of such a lamp. An agreement was entered into between Mr. Westinghouse and Dr. Hewitt on March 7, 1900, whereby Mr. Westinghouse agreed to finance the development of a company for the development of Dr. Hewitt’s ideas. It was further agreed that certain development work be carried on for a matter of a year with the purpose of then forming a corporation to manufacture and market the device.

But for the idea for general lighting was conceived and the name of Cooper Hewitt lamps became popular for lighting factories. Soon after that the Cooper Hewitt Electric Company was formed with headquarters in Hoboken, New Jersey. Shortly after that it became the General Electric Vapor Lamp Company.

The original lamps were made for direct current use and were 20-3/4" long. Later lamps were made for alternating current for 110 and 220 volts. These modern lamps were 50 inches long, rated at 450 watts, 5625 lumens or 12.5 LPW of low pressure mercury vapor lights.

It’s interesting to note that a publication known as World’s Work published in 1932 a list of 55 outstanding American inventions that were patented between the years 1791 and 1900. Among them are:

Steamboat 1807
Telegraph 1840
Sewing Machine 1862
Typewriter 1868
Telephone 1876
Trolley Car 1884
Safety Razor 1904
Airplane 1906
MERCURY VAPOR LIGHT 1912
Quick Freezing 1900
Nominations Invited for The Sixth Vladimir Karapetoff Eminent Members’ Award

Vladimir Karapetoff was a Russian-American electrical engineer who made significant contributions to the field of electrical engineering. His father was an engineer and his mother a student at a military medical school. Dr. Karapetoff emigrated to the United States in 1902 and became a naturalized citizen in 1909. In 1904, he joined the engineering faculty of Cornell University as an assistant professor. In 1948, he was made a full professor and continued in that capacity until he retired from active teaching in 1964.

For his contributions, the Eta Kappa Nu Board of Directors established the Vladimir Karapetoff Eminent Members’ Award, named in honor of Dr. Karapetoff. The award is given to a distinguished member of HKN and fellow of IEEE, who in 1986, was reflective of the flavor of EE studies in that era. In coming to the laboratory, bringing 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 location for them or borrowing them. Do not forget to have a pocket knife for skinning of wire, a bicycle wrench is another 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, electric testing, and engineering mathematics.

He was a member of AIEE, the Franklin Institute, the AAAS, the American Mathematical Society, the MacMillan, and the American Physical Society, the U.S. Naval Institute, and the U.S. Naval Reserve Officers’ Association.

Dr. Vladimir Karapetoff

His father was an engineer and his mother a student at a military medical school. Dr. Karapetoff emigrated to the United States in 1902, and became a naturalized citizen in 1909.

In 1904, he joined the engineering faculty of Cornell University as an assistant professor. In 1948, he was made a full professor and continued in that capacity until he retired from active teaching in 1964.

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Kappa Kappa Chapter Installed
The University of Texas at Dallas
by David Carstens

The New Initiates and Initiation Team

On November 17, 1995, the Kappa Kappa Chapter of Eta Kappa Nu was officially installed at the University of Texas at Dallas. The Chapter is a tribute to this rapidly growing school of Electrical Engineering in the flatlands north of that great city. The faculty advisor, Blake Cherrington, agrees. Chip manufacturers and telecommunication companies are rapidly locating in North Dallas, Richardson and Plano. Our school supplies those and other companies with well-educated engineers. Eta Kappa Nu can only add prestige to our program.

The Kappa Kappa chapter was established by a core group of students including Russ Schultz (President), David Carstens (Vice President), Mary Drummond Roby (Treasurer), Hanan Fouad (Corresponding Secretary), Jennifer Kleber (Recording Secretary), Neal Skinner, and Larry Sullivan. "We will open the membership up to all qualified students in the Spring," commented David Carstens. "However, we decided that the complications of establishing a Chapter would be minimized with a smaller number of charter members."

Our Chapter was honored by the visit of HKN's National Executive Secretary, Dr. J. Robert Betten and Mrs. Betten. Dr. Betten led the installation ceremony and also participated in the Initiation Ritual by playing the role of Wheatstone. Dr. William Osborne, Dean of the College of Engineering and Computer Science, and faculty members, Dr. Blake Cherrington and Dr. Duncan MacFarlane also played roles in the ritual.

Afterward, Dr. Betten emphasized the opportunities open to all chapters to nominate candidates for HKN's national awards. They are: the Outstanding EE Student Award, the Outstanding EE Jr. Award, the Outstanding Chapter Award, the Outstanding Professor Award, the Outstanding Young EE Award, and the Vladimir Karapetoff Eminent Members Award.

Each member came away from the ceremony with a sense of pride and anxiety. After all, the Kappa Kappa Chapter will have to be built and nourished by the work of its members. However, each is dedicated to the task.
Kappa Lambda Chapter Installed
The University of Memphis
by Russell Deaton

The New Initiates and Initiation Team

The University of Memphis Kappa Lambda Chapter of Eta Kappa Nu was installed on December 15, 1995 in the Herff College of Engineering Auditorium on campus. The initiates and initiation team, then, had a banquet at a local restaurant.

Dr. Roger Nolte, Professor Emeritus, installed the chapter and led the initiation ritual. He was assisted by Dr. Russell Deaton, chapter advisor, Dr. Charles Bray, Dr. Michael Daley, and Dr. John Reece.

The new officers were confirmed immediately after the initiation. They are:

- President: Pamela McDaniel
- Vice-President: John Glass
- Treasurer: David Ferguson
- Corresponding Secretary: Jennifer Lasch
- Recording Secretary: Chris McKinnon
- Bridge Correspondent: Shawn Jackson
- Faculty Advisor: Dr. Russell Deaton

Dr. Roger Nolte, Dr. Charles Bray, Dr. Carl Halford, and Dr. Michael Daley are HKN members who accepted invitations to become Charter Members of the Kappa Lambda chapter. In addition, two faculty members, Dr. Steven Griffin and Dr. Russell Deaton, were initiated as Charter members.

The 15 student Charter Members are:

- Ms. Kathryn Webb Braswell
- Mr. William David Ferguson
- Mr. John Otis Glass
- Mr. Ryan James Hertter
- Mr. Jerrod Shawn Jackson
- Ms. Jennifer Hannah Lasch
- Mr. Bernard Alfred Licari
- Mr. Joshua Aaron Makedi
- Ms. Pamela Ann McDaniel
- Mr. Christopher P. McKinnon
- Ms. Mehrak Merat
- Ms. Janice Ann Neyens
- Mr. Pradip Patel
- Mr. Larry Thomas Watson
- Ms. Jonathan David Williams

New Initiates Gather After The Initiation

The Initiation Banquet
1993-94 Chapter Awards
Purdue's Beta Chapter is Thirteenth Consecutive Year National Winner
by Alan Lefkow

For the academic year 1993-94, four HKN college chapters received awards for having an outstanding program of activities. Awards are broken into three categories. Certificate of Merit winners are recognized as up-and-coming chapters whose programs demonstrate selfless dedication to their fellow students and community. Only one chapter, Iota Gamma at the University of California-LA, received this recognition this year. Honorable Mention winners are recognized as truly outstanding chapters whose extensive program of activities stands out from the rest. Two chapters won this award for 1993-94: Gamma Mu at Texas A&M University, and Beta Epsilon at the University of Michigan. The National Winner is simply that chapter whose program stands out above all others. For thirteen consecutive years, Beta Chapter at Purdue University has been chosen the National Winner due to its truly outstanding program of activities.

The Outstanding Chapter-Activities Award program epitomizes the characteristics of a successful member of Eta Kappa Nu. Members' election to Eta Kappa Nu demonstrates their academic ability. But members, working together in concert as a college chapter, demonstrate their humanitarian side with their activities of service to their fellow students, their department, their school, and the community at large. In return, the Chapter Award program provides recognition of college chapters for their programs of service to their students and community. For example, Texas A&M submitted their report in full color. Among their many activities, they acted as counselors to juniors during the spring scheduling period, and provided serious recommendations of improvements to their department that head were well received. The University of Michigan ran an Outreach program to grade schoolers about science and engineering, and generated a course evaluation guide for use by the students. They also participated in a Summer Science program for girls as part of the Center for the Education of Women. UCLA generated an E.E. curriculum survey, and sponsored an E.E. symposium of available research at the school for the upper classperson.

These are but a few of the activities the winning chapters performed for their school, department, or community. Outstanding chapters are selected based on their annual chapter report. Any chapter that submits an annual report is automatically entered into the competition. Reports arrive at National after the end of the academic year and into early Fall are judged in the winter, and the winners announced by spring. The Chapter Award program is also unique. One winning award can touch the hearts of a whole chapter. The award plaques themselves have been made as rich as possible. The National and Honorable Mention winners receive metal plaques engraved in color. The Certificate winners receive their awards laminated in walnut.

Winning chapters send in reports of distinction that do justice to their programs of activities, and many of these reports have been published in the pages of BRIDGE, as examples to others. Desktop publishing and other professional services on campus have contributed to annual reports that look as good as the chapter they portray. A winning report requires hard work; but, then, so does an outstanding chapter of activities. Beta Epsilon's Honorable Mention report is presented here as an encouraging example.

OUR WORLD...

Kappa Nu members of the Beta Epsilon Chapter at the University of Michigan to provide outreach activities in the surrounding Ann Arbor community. In the past, a majority of outreach activities involved distributing educational material and recruiting new student members. This year, Beta Epsilon had the opportunity to interact with the Ann Arbor community in a more hands-on manner by providing an educational experience to children at the local elementary school.

Outreach
The Beta Epsilon chapter of EKN helps several community organizations to reach out to local citizens by offering their time and expertise. The student members of Beta Epsilon work with local schools and community centers to provide educational programs and activities for children.

Summer Science for Girls
The University of Michigan chapter of EKN helps young girls in grades 5 through 8 learn about science and technology through a unique summer camp program. The camp is designed to introduce girls to science and technology in a fun and engaging way. The program includes hands-on activities, guest speakers, and field trips to local science museums and technology centers.

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Charity Bowl-a-Thon is Right Up Our Alley

Dear Friends,

The Beta Epsilon Students in the University of Michigan chapter have decided to open the Charity Bowl-a-Thon in the University Armory on Tuesday, May 11. The major sponsors of this event include the University of Michigan Bowl-a-Thon Association, the University of Michigan Recreation Services, the University of Michigan Athletics Department, and the University of Michigan Student Activities Office. The University of Michigan students and staff will be working hard to make this event a success.

The event will feature a variety of games, including bowling, shuffleboard, and laser tag. There will also be a raffle with prizes such as gift cards and other valuable items. All proceeds from the event will be donated to the University of Michigan Student Activities Office.

We encourage you to come and support this event. Please make a donation and help us reach our goal of $10,000.

Sincerely,

[Signature]

Student Faculty Mixer is a Success

The recent Student Faculty Mixer was held on Thursday, May 3, in the University of Michigan Student Union. The event was well-attended, with over 100 people in attendance. The atmosphere was lively and social, with people enjoying food, drinks, and conversation.

The event was a great opportunity for students and faculty to meet and network. It was also a chance to celebrate the achievements of the University of Michigan students and faculty.

Overall, it was a successful event, and we look forward to hosting another one in the future.

Sincerely,

[Signature]
**Beta Epsilon Initiative Mentorship Service**

The College of Engineering at the University of Michigan is a diverse collection of individuals and opportunities. We join together in a strength of the collective, and the on- and off-campus problems will all succeed. Specifically, many cooperate serving engineering students over and over again. As part of the program, each mentor is responsible for their assigned mentee, ensuring a successful transition to the college. Mentors are also encouraged to participate in departmental and student activities to foster a sense of community and belonging.

**Donut Stand**

Time to sell the donuts...

This year, the Beta Epsilon has continued to expand its mission of making a difference in the lives of our members by providing a platform for them to sell donuts at events. By selling donuts, the Beta Epsilon is able to raise funds for various charitable causes and support important initiatives within the chapter. The proceeds from the donut sales are used to support the chapter's activities and initiatives, such as community service projects and day-to-day operations. The donut stand is open every Saturday from 8am to 10am at the location in front of the chapter house. We encourage all members and guests to attend and support our efforts.

**Name That Donut Contest**

Name That Donut in our next meeting at 7pm. Join us for a fun evening of baking, cooking, and a chance to win prizes. Enter the Name That Donut contest for a chance to win a cash prize and a chance to have your name on a future donut. There will be a total of 10 prizes available, with 1 grand prize of $50 and 9 cash prizes of $10 each. The contest is open to all members and guests, and there will be a limited number of entries, so be sure to sign up early.

**Business**

Planning the Yearly Beta Epsilon Budget

In a competitive world, the Beta Epsilon budget plays a crucial role in determining the future of the organization. The budget helps us allocate resources effectively and ensure financial sustainability. By planning the budget for the upcoming year, we can make informed decisions about how to allocate resources and ensure that the organization has the necessary funds to support its activities.

**Eta Kappa Nu at the University of Michigan**

Eta Kappa Nu is the national engineering honor society, and its University of Michigan chapter ( continua ) was established to recognize the academic excellence and leadership of engineering students. Membership in Eta Kappa Nu is open to graduating seniors in engineering who meet the chapter's criteria, which include a minimum GPA and completion of specific coursework. The chapter sponsors various events and activities throughout the year, such as social gatherings, professional development workshops, and guest lectures. These events provide opportunities for members to network with other engineers and professionals, and to learn about the latest trends and technologies in their field.

**Beta Epsilon Spirit**

Chapter Awards, Honorable Mention Winner, Beta Epsilon at the University of Michigan, received their Winning Chapter Plaque at their Annual Student Awards Luncheon. Pictured (left to right) are: Professor Herbert Winful, HKN Faculty Advisor; Larry Page, Chapter President; and Professor George Haddad, EE Department Chair

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