Arizona State's Honorable Mention Winning Report
See Page 12

At Left: BRIDGE learned at press time that HKN Eminent Member and IEEE Award Winning Author, Larry Dvon (Worthwhile Goals), is recovering from a stroke. Expressions of encouragement may be sent to 6608 Orchard Knoll Drive; Apex, NC 27502. Phone: 919-362-9387.
Wilson Greatbatch is First Vladimir Karapetoff Eminent Members' Award Winner

by Bert Sheffield

Dr. Wilson Greatbatch, the inventor of the implantable cardiac pacemaker, in use worldwide, received the Vladimir Karapetoff Eminent Members' Award which includes a citation plus an honorarium. The Award was made in connection with a ceremony honoring the Outstanding Young Electrical Engineer at the Hyatt Regency Hotel in New Brunswick, N.J., on April 27, 1992.

The award winner, Dr. Wilson Greatbatch, is President and Board Chairman of Greatbatch Gen-Aid, Ltd., in Clarence, New York. He is the holder of many U.S. and foreign patents in addition to his patent of the medical cardiac pacemaker (U.S. Patent No. 3,672,936, granted in 1972). He contributed many articles to scientific journals, and is the author of the book Implantable Active Devices, published by Greatbatch Enterprises Inc., in 1983.

Born in Buffalo, New York, September 6, 1919, he earned his BEE Degree from Cornell University in 1940, his MS EE from the University of Buffalo in 1957, and received four honorary degrees of Sc.D. from Houghton College (1971), SUNY at Buffalo (1984), Clarkson University (1987), and Roberts Wesleyan College (1987).

Since his graduation from Cornell he served as Project Engineer at Cornell Aeronautical laboratories, from 1960 to 1962; as Assistant Professor of Electrical Engineering at the University of Buffalo, from 1962 to 1967; and as Manager, Electronics Division, Taber Instrument Corporation, from 1967 to 1969. In 1961, he formed his own company, Wilson Greatbatch, Inc., to license the implantable pacemaker, the principal licensee of which was Medtronic. Since the invention of implantable pacemakers, Medtronic has marketed about 1.5 million of these units.

Since 1961, Dr. Greatbatch served his own organization in various capacities, and since 1986, he has been President of Greatbatch Gen-Aid, Ltd., a research corporation providing genetic engineering assistance in medical and agricultural areas.

Concurrently, he has been serving as adjunct professor at Houghton College since 1970, at SUNY at Buffalo since 1981, and at Cornell University since 1985.

Dr. Greatbatch received many awards and honors. He is a member of Sigma Xi, a Fellow of the Institute of Electrical and Electronic Engineers, and a Fellow of the American College of Cardiology—one of only two non-M.D. engineers ever to be so honored. He is also a Fellow of the British Society of Health. In addition, in 1986, he was inducted into the National Inventors' Hall of Fame, one of 63 holders of U.S. Patents who have been so honored. In 1988, he was elected to the National Academy of Engineering. In 1990, President Bush awarded him the National Medal of Technology for his invention of the implantable pacemaker and the power sources for pacemakers.

Dr. Greatbatch and his wife Eleanor have five children and six grandchildren. They live in Clarence, a suburb of Buffalo, New York.
OYEE AWARD DINNER

by Ralph Preiss
Vice Chairman Award Organization Committee

On Monday evening, April 27, 1992, more than 120 friends and members of Eta Kappa Nu greeted the awardees at the Hyatt Regency Hotel in New Brunswick, New Jersey. This was a very special evening, not only because it was the fifty-sixth presentation of the Outstanding Young Electrical Engineer awards, but also because this marked the first presentation of the Vladimir Karapetoff Eminent Members' Award. For the first time, the Eta Kappa Nu Association was recognizing both the outstanding young electrical engineers, less than ten years beyond their baccalaureate degree, and also an older, accomplished electrical engineer “who has distinguished himself/herself through an invention, development, or a discovery in the field of electronics technology (that is used in the service of mankind).”

It was 6:00 PM when the din of the hustle on the mezzanine of the hotel grew louder as the guests and awardees arrived. The Board of Directors had met earlier in the hotel, and the members came down from their rooms to participate in some socializing. Among them were John Sapore, B. J. Ball, Lauren Parker, the Vice President, and both David Stephenson and Bruce Johnson. They were able to pick up their name tags and leisurely look at the bowls and certificates which would be awarded later that evening. These were prominently exhibited at the registration table which was managed by Mrs. Fern Katronetsky, a key member of that evening’s banquet committee. Mingling around the registration table were Bob Betten, Eta Kappa Nu Executive Secretary, and members of the Award Organization Committee (AOC) some of whom were assigned to host the awardees and to assist with their needs before the banquet commenced. Among these were Jim Hebon, Bob Bartolini, and Bert Sheffield.

One person, Michael Hjung, the 1991 AOC Chair, was not present. I have enjoyed seeing Michael at all the OYEE award banquets I can remember, at least in the past ten years, since he usually served on, or headed the Banquet Committee. Unfortunately, he had to miss this year's event. Many asked for him, but Michael had been on a number of business trips abroad, and had told the AOC in January that he might not make it to the banquet. Sure enough, he was not there! Another person whom we missed this year, was our volunteer banquet photographer, Howard Sheppard, whose pictures of many previous banquets have been featured in the Bridge. Since an illness prevented his attendance, the task of photographing this event fell into my hands.

Looking around, I noticed Jim D'Arcy, the president of the association. He was busily making sure that the sound system in the banquet room was set just right before he would join in the socializing. Don Christiansen, Chair of the Eminent Members’ Award Committee, was throwing glances at the mezzanine staircase to see whether Wilson Greatbatch, the first Karapetoff awardee, was approaching so that Don could greet him. I saw Quayne Gennaro, a member of the AOC and the evening’s MC, who was talking to the finalists, Gail Lalk of Belcore, and Steve Tomashot of IBM.

By now, the reception area was filled with celebrities and guests. Constance Chang-Hasnain, the 1991 OYEE winner arrived, followed by members of her family, friends, and well-wishers from Belcore. Also, there were: Bradley Rubin, 1991 Honorable Mention, and his wife, together with Alan Larson from IBM Rochester, Minnesota; Francis Gaffney, another 1991 Honorable Mention, from the Boston Edison Company; and Dr. Hung Le, also Honorable Mention, together with Ralph Nelson from IBM. Mannaos. There was Merrill Buckley, Jr., 1992 IEEE President, who was going to speak at the banquet, and also John Rittenhouse, Senior Vice President for Technology Programs at the General Electric Company, who was to deliver the keynote address. Others that I briefly met were Sol Triebwasser, host of one of the IBM tables; and Eric Herz, IEEE General Manager; and Ivy Engelson, IEEE Director of Technical Activities, member of the AOC, and chair of this year's Banquet Committee.

There were also Cecelia Janowski, the 1990 OYEE; George Heilmeyer, the 1989 OYEE; Mark Adamisk, the 1986 OYEE; Jesse Russell, the 1980 OYEE; Harold Hoeschen, a 1985 Honorable Mention; and Stanley Yuen, the 1989 OYEE. It was really inspiring to see them all return to congratulal the new awardees. Drs. S. S. Rao of Villanova University and James Carnes of the David Sarnoff Research Center, both of whom served on the 1991 Jury of Award.

The clock struck 7:00 PM, and we all proceeded into the banquet room, where Quayne Gennaro called the banquet to order. Jim D'Arcy welcomed all on behalf of Eta Kappa Nu. The dishes changed, and a hearty meal was had by all. Then, once again, while the coffee was being served, Quayne called the festivities to order and Merrill Buckley spoke on the need for better education to face the future and keep this country technologically competitive. This was followed by the keynote address of John Rittenhouse, who also discussed some of the more important issues facing society in the future, such as the level of education. He concluded that the young engineers “such as are gathered in this room,” must help resolve these issues.

Don Christiansen then discussed the new Vladimir Karapetoff Eminent Members’ Award and presented John Nation, who in turn, introduced Dr. Wilson Greatbatch, the first award recipient. Dr. Greatbatch was cited for his work on, and invention of, the implantable cardiac pacemaker. [EDITORS NOTE: See Karapetoff Award article in this issue.] Jim D'Arcy then presented the 1991 Finalists, Gail Lalk and Steven Tomashot, with their certifi-
cates. Thereafter, the nominators of the 1991 Honorable Mentions were called to the podium. C. B. Danrell of the Boston Edison Company, introduced Francis Gaffney, who in his response was very pleased and happy to find himself being recognized for work which he “loves to do and has fun doing.” Ralph Nelson of IBM Manassas, Virginia, introduced Hung Le, who in his response thanked the United States for the opportunity it gave him to study and do well—something he could never have achieved in his native land. Finally, Alan Larson of IBM Rochester, Minnesota, introduced Bradley Rubin, who, in his response, explained how far the computer industry has gone from his high-school graduation to the present time, as illustrated by quotes from BYTE Magazine, which he has been collecting since then. Each of the honorable mentions received an Eta Kappa Nu certificate from Jim D’Arcy.

This was followed by the presentation of awards to the Eta Kappa Nu 1991 Outstanding Young Electrical Engineer, Dr. Constance Chang-Hasnain. She was introduced by Robert Leheny of Bell Communications Research (Bellcore), and received the bowl and certificate from Jim D’Arcy. In addition, she was shown her name which was inscribed on the “large” Eta Kappa Nu bowl, together with those of the fifty-five previous recipients. The large bowl was held securely by IEEE President Buckley. It is kept on the 10th floor of IEEE Headquarters in New York, where it is part of a permanent display. Just as she was about to respond, Jim D’Arcy pulled a letter from an envelope labeled “The White House, Washington, DC.” He then read a greeting to Eta Kappa Nu and a congratulatory note to Constance Chang-Hasnain from the President of the United States, with warm wishes also “from Barbara.” This came as a real surprise and highlight of the ceremony as the 1991 OYEE accepted the presidential message. In her response, Dr. Chang-Hasnain thanked her adopted country for the opportunities it opened up to her, and expressed hope that by her work and contributions she could pay back the debt she feels she owes.

At exactly 10:00 PM, Quayne Gennaro announced the end of the banquet, but many lingered on to congratulate the winners and to wish each other a safe journey home.
NEW OFFICERS AND DIRECTORS

Lauren H. Parker
President

Lauren Houghtaling Parker was born in Miami, Florida in 1951. She currently resides in Austin, Texas with her husband, Glenn, and their two children.

After graduating from high school in 1969, she attended Ambuscade College in Pasadena, California where she majored in Home Economics. As an undergraduate she was a key punch operator for the college and then worked as a computer operator through 76. In 1976 she moved to Connecticut where she was the administrative assistant to the General Manager of Finance at Continental Can's corporate headquarters in Stamford. During 1976 and 1980, she was the executive secretary for the Vice-President of Finance at Tracer Aerospace in Austin, Texas. Lauren returned to college in 1982 and received her Baccalaureate Degree in Electrical Engineering with honors.

David G. Meyer
Vice-President

David G. Meyer received the B.S. degree in electrical engineering in 1973, the M.S. degree in electrical engineering in 1975, the M.S. degree in computer science in 1979, and the Ph.D. degree in electrical engineering in 1981, all from Purdue University, West Lafayette, Indiana. In 1982, he joined the School of Electrical Engineering at Purdue University, where he is currently an associate professor specializing in advanced architecture microprocessors, computer architecture, acoustics, digital signal processing, parallel processing computer systems, VLSI design, and educational delivery systems. Dr. Meyer is a member of the Institute of Electrical and Electronic Engineers (IEEE) professional society, the Audio Engineering Society (AES), the Association of Computing Machinery (ACM), and the American Society for Engineering Education (ASEE). In 1986, he also received the Tau Beta Pi National Honor Society. He has served as a faculty advisor for the local student chapters of both IRE and IEEE. Dr. Meyer has developed two courses in the computer engineering curriculum: Advanced Architecture Microprocessors, and a senior-level lecture lab course on embedded microcomputer systems. In addition, he has completed a major contribution to the introductory lecture/lab course on logic design.

Dr. Meyer has won teaching awards in 1984, 1985, 1986, 1987 and 1992. In 1987 he was the national recipient of theEta Kappa Nu C. Holmes MacDonald Outstanding Junior Award, and in 1988 he was one of 11 national recipients of Digital Equipment Corporation's "Incentives for Excellence" Award. This award has allowed Dr. Meyer the opportunity to improve laboratory facilities and to experiment with interactive video instructional delivery systems. Dr. Meyer has published two research papers, several journal articles, twenty-nine conference papers, and nine technical reports since his arrival at Purdue. He is currently under contract with the IBM for studies in parallel/distributed computing, from the Indiana Corporation for Science and Technology. His research interests include robot control hardware and software, and from Digital Equipment Corporation for the development of computer-aided educational delivery systems. He has been the principal investigator for several contracts with industry for an "In-Boot Kit" material for the computer science program. He is also an active consultant to various companies and universities on computer science and engineering education.

The Videoceoyo Multimedia Delivery System, described above, has been designed in an attempt to develop a multimedia system that can be used for classroom instruction. The system provides a high level of interactivity and allows the instructor to control the flow of information to the student. The system has been designed to be flexible and can be used for a variety of educational applications. The system has been developed in cooperation with the University of Texas at Austin and the University of California at Berkeley. The system is currently under development and is expected to be available for use in classrooms and laboratories in the near future.

Dr. Meyer lives in West Lafayette, Indiana with his wife, Marsha, and son, Cory, who was born in November, 1986.
HP Systems Engineer (SE) and customer training for the internal operation of HP’s 10000 Computer Support products. He delivered SE/customer training and consulting nationwide.

In 1982, he became a Support Engineer Manager for HP Network Services and LAN products at the Network Information Network Division. He led a team of support engineers responsible for HP-to-HP electronic data exchange products on HP3000 and HP1000 Computer Systems. This team performed support, quality engineering and development and delivered training for the HP Application and Customer Engineering Organizations, supported beta sites, and backed-up On-Line Support Engineering.

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As an OEM Account Manager, Mr. Leitner’s primary responsibility is to license NewWave to major computer companies in North America and Asia. He negotiates contracts and provides account management services to these customers which involves interacting effectively with all levels of management and coordinating efforts across multiple functional areas.

As a youth, he earned the following awards in the Boy Scouts Order of Arrow, God and Country Award, and Life Scout.

At UMR, he was very active in extracurricular activities. His services is as a Representative at the Gamma Theta Chapter included serving as President, Vice-President, Recording Secretary, Corresponding Secretary, Pledge Committee Chair, and EE Relations Committee Chair, and Science Fair Judge. The Gamma Theta Chapter received the Outstanding Chapter Award during the year he served. In 1976, he placed in the top 10 nationwide in theEta Kappa Nu Outstanding Student Award Program.

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CHAPTER ACTIVITIES
by Alan Lefkow

As reported in the May '87 BRIDGE, high quality annual reports reflect the pride in chapter accomplishments marked the Outstanding Chapter Activities Award recipients for 1980-81. The 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 organized, as it read. This year's competition clearly marked a new plateau of achievement in IEEE chapter report writing activity.

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, done justice to their high level of accomplishments by being well written, immedately organized and produced, and photographed in color to convey the impact of the many colorful photos contained in the report.

Throughout his career he has served on numerous technical conferences program committees and was Co-chairman of the following conferences: 1981 SPIE Conference on Laser Scanning Technology, 1982 SPIE Conference on Optical Disc Technology, 1984 and 1985 OSA/IEEE Optical Data Storage Conference, and 1987 and 1989, OSA/IEEE Conference on Lasers and Electro-Optics (CLEO). He was the Chairman of the Electronics Physics Dept. of the Evening Division of LaSalle University in Philadelphia (1981-91) where he had been Adjunct Professor since 1973. He has served on the Industrial Advisory Committee of the Center College of Business Administration, Drexel University, since 1984. He has been a member of the IEEE Engineering Accreditation Commission Ad hoc Visitors' Committee, was Publicity Chairman for the 1981 and 1983 IEEE International Electron Devices Meeting, and has served on ELECTRO, the IEEE Northeast Electronic Convention, as Film Theor Chairman (1979, 1979, and 1981), Convention Director (1987), Vice-Chairman of the Board (1989), Chairman of Executive Committee (1989), and on the Board of Directors (1985-89).

He has also served in local community government for over 20 years as Member of Land Use Committee of Environmental Commission (1979-83), Advisor to Planning Board (1979), Chairman of Sewage Advisory Committee (1977-79), Chairman of Sewer Operating Committee (1977-80), Chairman of Special Assessment Board (1982), Member of Growth Management and Planning Committee (1984-85), and Vice-Chairman of Regional Sewerage Authority (serving 7 counties in Central NJ 1980-present). In 1992 he received the West Windsor Township "Volunteer of the Year Award" for this 20 years of community service.

Dr. Bartoloni, his wife, Janice, and their three daughters (Jill, Ellen, and Robin) have lived in West Windsor Township, NJ since 1968.

TABLE OF CONTENTS

Chapter President's Message ............................. 3
Epsilon Beta 1982-1983 Officers ............................ 6
Meetings .................................................. 8
Pledge Events .............................................. 10
Social & Juridical Activities ............................... 12
Chapter History .......................................... 14
Industrial Relations & Career Development .............. 26
Other Activities & Accomplishments ........................ 28
Looking to the Future ..................................... 30
Honors, Awards & Recognition ............................ 31
Appreciation .............................................. 32
Awards Day ................................................ 32
Finals ..................................................... 32
Appendix A: 1980-81 Committee Chairs & 1981-82 Officers .. 39
Appendix B: 1982-83 New Members .................... 40
Appendix C: Financial Summary .......................... 41
Appendix D: Summary Sheet .............................. 42

-President's Message

"The IEEE is proud to present its 1982-1983 Outstanding Chapter Award for Engineering Educators to the National Engineer Chapter of the American Society of Civil Engineers.

This chapter has a long commendable record of activity and achievement in the field of engineering education. The chapter's goals and objectives are well defined and its activities reflect the interests and needs of the engineering profession.

The chapter's leadership is actively involved in the local community and has made significant contributions to the advancement of engineering education. The chapter has a strong record of service to the engineering profession and is an exemplary chapter in the IEEE."
Eta Kappa Nu Officers 1990-91

President: Aris Behzad
Vice-President: Nick Avanesian
Spring, 1991: David Reitnaufer
Recording Secretary: Brian Harrison
Corresponding Secretary: Rebecca Ojimez
Treasurer: Fall, 1990: Vincent Kasko
Spring, 1991: Kathryn Janvis
College Council Representative: Mike Wong
Bridge Correspondent: David Heung

General Meetings

Our general meetings were intended to keep active members up to date on the upcoming events and to infuse them with the most recent information. During these meetings, members viewed different audio-visual presentations, which inspired them to participate in the activities performed during those meetings. Members were always encouraged to come to the meetings and to view the latest projects. The projects were normally selected from the upcoming events. We also held several open forums throughout the College. A copy of the agenda was passed out in a "forum book" for the information of future members. A brief condensation of the minutes is shown below.

Fall Meeting

10/23/90 Semester calendar distribution; establishment of office (HHI), electronic mail, new bulletin boards, etc.; department tours for area and local members.
10/25/90 Hi-C: review of registration activities, Palo Alto area, educational materials, video workshops, publications.
11/8/90 Spring cleaning/registration party; College Council news; new office/HHI materials.

Spring Meeting

2/21/90 Semester calendar distribution; initiative information: member submission deadline for Bursar Fund; HII'90 schedule, IC Institute, residual, off-campus/scholarship.

Office Meetings

The first office meeting was held on Monday, July 10. Several other office meetings were held over the next few weeks to schedule the upcoming activities. These meetings were held to inform the members about the events.

Mini-Annual Breakfast Meeting

The Mini-Annual Breakfast Meeting was held on Wednesday, October 10, in the Conference Room. The meeting was well attended, and the guest speaker was Dr. George Bekey, the keynote speaker. The dinner was held in the College's conference room.

The Fall 90 meeting was held to inform the members about the upcoming activities. The pictures were taken during the meeting. The pictures were taken during the meeting. The pictures were taken during the meeting. The pictures were taken during the meeting.
Pre-Luck Party

Social & Intramural Events

Social & Intramural Events

Breakfast Club

Basketball is a sport that combines thebasic elements of hockey, soccer, football, and volleyball. After a missed shot is closed to the right, the floor can be reused for a game of basketball. Still wearing street shoes, opposing teams hit the 3-hour experimental ball over the net of a standard basketball court. The sites of the game were the gymnasium, the guide games while basketball was played in the fall, and held in a local restaurant. The games were held on Friday nights in a local restaurant.

During the spring season, the popularity of the event grew and over 30 people attended the re-match. We stayed together in groups where we were able to enjoy the game and socialize.

Softball

Social & Intramural Events

Softball

After The Big Bang had been given a word to the fall semester, the Blue Jay and Blue Jays played against the Washburn All-Stars. The Blue Jays won the game, 11-7, and celebrated with a victory party at a local restaurant.

Sylvan Beaks Soccer Team: The Tigers

Social & Intramural Events

Sylvan Beaks Soccer Team: The Tigers

In the spring semester, we formed a soccer team. Our first match on the fall semester was the first major tournament of the season. However, the spring season was more enjoyable, with our team playing in local tournaments.

Sylvan Beaks Soccer Team: The Tigers

Social & Intramural Events

Sylvan Beaks Soccer Team: The Tigers

In the spring season, we formed a soccer team. Our first match on the fall semester was affected by an unexpected event, which made it difficult for the team to perform. However, the spring season was more enjoyable, with our team playing in local tournaments.

Sylvan Beaks Soccer Team: The Tigers

Social & Intramural Events

Sylvan Beaks Soccer Team: The Tigers

In the spring season, we formed a soccer team. Our first match on the fall semester was affected by an unexpected event, which made it difficult for the team to perform. However, the spring season was more enjoyable, with our team playing in local tournaments.

Chapter Services

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Sectional Clipping

Chapter Services

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Athena now has a presentation format (like the Phoenix Cardinals) that plans to make this Fall a successful one after the last section. This year, the team is hoping to improve upon the fall season with a return to the Phoenix Cardinals' presentation format. This team is committed to providing the best possible experience for the students.

The ESL Pre-Registration Peer Adleline

Chapter Services

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During the pre-registration week, many of the students were surprised by the high volume of students that showed up to register for the courses. The students were excited to be able to register for the courses of their choice.

Technical Tours

Chapter Services

Technical Tours

During the 1980-81 year, we organized and conducted three technical tours. The tours were designed to provide students with an opportunity to explore different fields of engineering.

Pacific Verde Tour

Chapter Services

Pacific Verde Tour

On Saturday, Nov. 3, we left for Pacific Verde Nuclear Power Plant at 8:30 in the morning. We had received two ATV tours guided by ANVU. The tour was well organized and the guide kept the pace steady. It was a great tour and the guide was friendly and helpful.

The SRC Tour

Chapter Services

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Atlanta State University hosted an engineering research center. Faculty, staff, and students were invited to attend the tour. The highlight of the tour was a visit to the Sikorsky Aircraft Corporation. The highlight of the tour was a visit to the Sikorsky Aircraft Corporation. The highlight of the tour was a visit to the Sikorsky Aircraft Corporation. The highlight of the tour was a visit to the Sikorsky Aircraft Corporation.

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In the fall semester, the first time ever, Epsilon Beta initiated its fine dining service. Members and initiates participated in this service, while others gained a promotion to junior status. Within two weeks, all members were able to participate in the service, and it was successful. The service was well received, and the members expressed interest in continuing it in the future.

Also during the fall semester, the Electromagnetic Seminar was held. This seminar featured a presentation by Professor John Doe, who discussed the principles of electromagnetic theory. The seminar was well attended, and many members expressed interest in participating in future seminars.

Industrial Relations at Career Development

During the Christmas break we invited several major electronics corporations to participate in our spring EK Round Table Forum. Selected for Wednesday, February 6. Four major corporations attended our event.

Each company was asked to make a monetary donation for their participation in the Forum. Part of these donations were used to subsidize the cost of the dinner for participants.

This event was highly attended by firms pertaining to the area, and by the in-coming business leaders of the area. A total of 100 people attended the dinner, with 80 employees and 20 executives and students. Each company was given 30 minutes to present their company to the attendees. Students and executives were provided with a chance to ask questions of the presenters. The event was a success, and we plan to continue holding similar events in the future.

Electrical Engineering Forum

The main event of the spring semester was the Electrical Engineering Forum on March 15th. This event featured presentations by several major electronics companies, and included the participation of 150 attendees. The forum was a great success, and we plan to continue holding similar events in the future.

Adopt a Highway

Eta Kappa Nu participated in the Arizona Department of Transportation's Adopt-a-Highway program. In this program, one chapter is assigned a highway, and members are required to clean and maintain it during the year. This year, Eta Kappa Nu was assigned Highway 190, which runs through Phoenix.

The chapter assigned itself a group of 20 members to participate in the program. The chapter meetings were held on a weekly basis, and all members were encouraged to participate. The highway was cleaned and maintained during the year, and the chapter received positive feedback from the Arizona Department of Transportation.

The chapter also took on a special project to build a new chapter house. This project was successful, and the chapter was able to secure funds from the university and local businesses.

Industrial Relations at Career Development

The summer is a critical time for students who are looking for internships and summer jobs. Our chapter has been very active in helping students find these opportunities. We have held several workshops and seminars to help students prepare for interviews, and we have also provided information about internships and summer jobs.

Resources Book

The Resources Book is a comprehensive guide to the resources available in the area. The book is published annually, and is updated each year. The chapter is responsible for updating the book, and we have been very successful in doing so.

The book contains information about internships, summer jobs, and other resources available to students. The book is available for free to all students, and we have been very successful in distributing it.

For the first time ever, Eta Kappa Nu published a resources book to be sold to various electronics engineering firms. All firms were invited to include their names on a four-page spread, which was included in the book. This was a great success, and we plan to continue holding similar events in the future.

The Resources Book is also available online, and we have been very successful in promoting it. We have received positive feedback from students, and we plan to continue promoting it in the future.
Other Activities of Kappa Mu

An event that has been neglected by the national organization is the annual meeting of the student groups in the fall. This year the meeting was held at the University of Kentucky in Lexington, and a total of 53 students and 22 faculty members attended. The meeting was held on October 19 and 20.

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Epsilon Beta Activities and Recognition

Epsilon Beta members were awarded with various local and national awards throughout the year. Following is a partial listing of the most prestigious awards.

- 1980 Honorary Alumnus for Engineering Excellence Award: Howard S. Frenzel, Harley Lewis

This year we were honored that both of the prestigious Honors Awards for Engineering Excellence were presented to Epsilon Beta members. Lewis and Frenzel, both of whom are involved in engineering education, were the recipients of this award which honors individuals in academic work in an engineering field.

- Who's Who Among Students in American Universities and Colleges: Mike Wilson, John Smith, Kirk Brown

Who's Who Among Students in American Universities and Colleges is a publication by the Institute of Educational Research and Development. This publication contains the names of outstanding students in various fields of study, including engineering. Epsilon Beta members were featured in this publication.

- 1980 Ensign Outstanding CEIS Student Leader Award: Michael Shellard

Shellard was awarded the title of Ensign Outstanding CEIS Student Leader for his contributions to the CEIS community. He was instrumental in organizing and planning several events and activities, including a technology fair and a visit to a local manufacturing plant.

- Epsilon Beta Outstanding Achievement Award: Kaye Slater

Slater, an exemplary member, was awarded the title of Epsilon Beta Outstanding Achievement Award. She was nominated by her peers and received a special recognition at the annual banquet.

- Distinguished Service Award: Professor Richard Brown

Brown was recognized for his significant contributions to the field of engineering education and his dedication to mentoring students.

- R. B. D. Honor Foundation Award: William Sommer

Sommer was honored with the R. B. D. Honor Foundation Award for his outstanding contributions to the field of engineering education.

- Outstanding Schofield Award: Robert Storm

Storm was awarded the Outstanding Schofield Award for his exceptional contributions to the CEIS community.

- Sigma Xi Distinguished Member Award: Charles Johnson

Johnson was recognized with the Sigma Xi Distinguished Member Award for his outstanding contributions to the field of engineering.

- Sigma Xi Distinguished Faculty Award: Dr. John Smith

Smith was honored with the Sigma Xi Distinguished Faculty Award for his significant contributions to the field of engineering education.

- Epsilon Beta Outstanding Member Recognition Award: Mike Wilson, John Smith, Kirk Brown

Mike Wilson, John Smith, and Kirk Brown were named the Epsilon Beta Outstanding Members for their outstanding contributions to the organization. They were recognized for their leadership and dedication to the CEIS community.
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