

ACADEMY OF ELECTRICAL ENGINEERING
Minutes of Annual Business Meeting
April 15 1994

The annual meeting of the Academy of Electrical Engineering was held on Friday, April 15, 1994 in Room G-11B of the Electrical Engineering Building, UMR. The meeting was called to order at 9:00 a.m. by President Jack D. Stewart. The following members were present:

Mike Apprill
Charles Brinkmann
Lloyd Brunkhorst
Elroy Denningmann
James Eckhoff
William A. Ellis
Howard Fillmer

Roy Hays
William Hord
Wayne Littleton
Kent Martin
Ed Midden
Gabriel Skitek
Jack Stewart

Paul Stigall
Robert Strain
Edward Tuck
Roger Volk
Don Willyard
Ralph Wolfram
William Wundrack

Jack Stewart introduced Dr. Keith Stanek, Interim Chairman of the Electrical Engineering Department. Dr. Stanek gave the members some background information on himself. He then discussed the Electrical Engineering Chairman position which is now under consideration. Dr. Stanek spoke in depth about the E.E. Department, things being accomplished and problems facing the department. He requested the Academy members to give advice and suggestions during the afternoon session regarding the E. E. Department plans, programs and problems.

Roger Volk discussed a technical article published in Business Week magazine, April 4, 1994 issue, regarding Edward Tuck. Copies of the article were given to Academy members.

Kurt Kosbar, Assistant Chairman for Undergraduate Studies, was introduced. Kurt reviewed the scholarship program and the requirements for students being considered for scholarship award. He explained that only \$3,500 of the \$5,000 available for student scholarships last year was awarded. One of the students chosen for an award graduated and therefore did not receive the scholarship funds.

Kurt introduced Randall Berry, scholarship recipient. Randall spoke briefly about why he chose to study at UMR and his future plans to attend MIT and pursue a Ph.D. in communications. Randall thanked the Academy members for the scholarship awarded him by the Academy.

Dr. Stanek spoke on enrollment. There is some concern, as the numbers are slacking. Recruitment has been stepped up to encourage enrollment for more out-of-state students as well as Missouri students.

Gabriel Skitek suggested that things have changed since 20 years ago, the market is very competitive. The curriculum should be revised to address those needs. Students need to know how to meet people and present themselves with confidence, have the ability to speak well publicly. More students should be involved in the coop program and internships.

Kurt Kosbar, Assistant Chairman for Undergraduate Studies, reviewed the curriculum revision proposed for 1995.

Richard DuBroff, Assistant Chairman for Graduate Studies, discussed the graduate study program, admission qualification changes for MS and Ph.D. students and graduate course changes.

Dr. Stanek reviewed the ABET Program.

Kelvin Erickson, Assistant Chairman for Lab Development, discussed Electrical Engineering's lab improvements. State funds previously were used for updating lab equipment. Now, funds from NSF, Tektronics and Lindgren are being used for this purpose.

Dr. Stanek discussed student profile enrollment figures, student awards, faculty profile, faculty awards and textbooks published by the faculty. His goal is to have distinguished professors in six areas, which will bring in further income to fund graduate students, research equipment and enrich programs. Research highlights were given.

The morning session was adjourned at 12:05. The members had lunch with the Corporate Development Council.

Afternoon session convened at 1:15 p.m.

Dr. Stanek reviewed key federal research grants and contracts, lab development and facilities. Copies of the drawing for the new engineering building were passed to the members. This project is now part of Missouri's bond issue. The old "Tech Engine Club" renovation is near completion. This will open EE210 and EE220 for a senior design lab and flexible research space. EE106 has been converted to a computer learning center. The continuing education program over the last 15 years shows that more than 300 short courses, workshops, conferences and symposiums have been given through the EE Department.

Dr. Stanek discussed enrollment concerns. When enrollment is down, budgets are cut. There is a need to address recruiting, budget cuts, change in curriculum. The new undergraduate brochure was handed out.

OLD BUSINESS

Minutes

Motion was made by Ralph Wolfram and seconded by Roger Volk to approve 1993 minutes as written with one change, adding Ed Tuck's name as being present at the meeting. All members in attendance accepted the minutes.

By-Laws Change

Motion was made by Ralph Wolfram to approve the By-Laws change (Sec. I-A-3) to eliminate the arbitrary membership limit of 100. The motion was seconded by James Eckhoff and approved by all.

Jack Stewart encouraged generosity from members in their contributions for student scholarships.

A commemorative poem by David Sizemore in the memory of Eugene Clodfelter was read. In a letter to the Academy members, David indicates his intention to fund a scholarship beginning in the fall of 1994 in the memory of Eugene Clodfelter, who was a colleague of his in the VA Health Care System. He is proposing to fund \$250 per semester for a deserving junior or higher student with interest in medicine, biomedical engineering or related fields.

A moment of silence was taken in the memory of the Academy members who have recently passed away, Eugene Clodfelter, Joseph Rittenhouse and Hueston Smith.

Jim Eckhoff presented the budget for 1994/95, the Statement of Income and Expenditures and a 5-year budget history. Jim explained that \$3,500 of the funds budgeted for student scholarships and special EE projects was not spent last year. He asked the members if it was necessary to carry a balance in the Academy account of over \$6,000. He felt it made more sense to keep the balance at between \$1,500 and \$2,000 and give the additional funds to the EE Department for scholarships and EE projects. It was the general feeling of the members that the account balance should be held to approximately \$1,500.

Dr. Stanek was asked to give the members a report on the pending EE project for updating the computer learning center. Dr. Stanek indicated that \$4,000 was needed internally from the EE Department in order to receive other funds from UMR.

Jim proposed that the Academy give \$4,000 for the EE project and \$8,000 for student scholarships. Dr. Stanek will submit a proposal for funding of the EE project.

A motion was made by William Ellis and seconded by Ralph Wolfram to approve the budget as revised. The motion was approved by all in attendance.

A copy of the revised budget is attached to these minutes.

NEW BUSINESS

Nominated board members are:

Wayne Littleton and James Eckhoff.

Motion was made by Michael Apprill and seconded by Ed Tuck to approve nominations of the board members. All in attendance voted to approve the nominations.

In response to Dr. Stanek's request for feedback, the Academy members made suggestions and recommendations on the EE Department's plans, programs, curriculum changes, recruitment, problems, etc.

The meeting was adjourned at 4:00 p.m.

Minutes approved:



Jack D. Stewart

, President