

MINUTES OF THE
CIVIL ENGINEERING ACADEMY
April 3, 2004

Present: Walter McCullough, Chair, Vinu Abraham, Billy Hardie, Thomas Stroh, Wendell Moody, Tony Childress, Dudley McFarquhar, T. Lynn Lovell, Dave Goolsby, Bill Burnett, Jim Brewer, Gary Pettit, Clayton Yeager, Greg Soules, Rich Patrick, Steven Rae, Tom Zachman, Mike Robertson, Earnest Gloyna, Emmett Gloyna, Donald Simpson, Jimmy Smith, Terry Bilderback, Burton Clifton, Lauren Garduño, Bernie Gradel, Jr., H. Scott Norville, Interim Chair, and Debbie Starcher, Business Manager.

Call to Order

The seventeenth annual meeting of the Civil Engineering Academy convened Saturday, April 3, 2004. Walter McCullough, chair, called the meeting to order at 8:30 a.m.

Introductions

Walter opened the meeting and welcomed members, new inductees and guests. Walter suggested that each member introduce himself or herself and state where he/she is from and for whom they work for.

The following new inductees were welcomed into membership:

- Vinu J. Abraham
- Tony Childress
- Burton Clifton
- Emmett Gloyna
- David Goolsby
- Steven Rae
- Thomas Stroh

(Due to the death of a close family friend, Mr. Robert Pope postponed his induction until April 2005.)

Visiting the meeting today were Rebecca Thomason, representing SEP and Nic Ramirez, representing ASCE. Rebecca and Nic shared what is currently going on in the SEP and ASCE chapters.

Three new faculty members have been added to the CE Department. Walter asked each of them to report on their responsibilities in the department.

Audra Morse, Assistant Professor – Dr. Morse will be working with the faculty in Water Resources in Environmental Engineering. Dr. Morse has been part of the CE staff for the past several years while she completed her B.S. and M.S. in Environmental Engineering and her Ph.D. in Civil Engineering, all from TTU. Dr. Morse is involved in several areas of research. Her main focus has been on an ongoing project with NASA at the Johnson Space Center on recycling wastewater.

John McEnery – Assistant Professor – Dr. McEnery came to Texas Tech from the National Oceanic and Atmospheric Administration, Hydrologic Research Laboratory in Washington D.C. Dr. McEnery will also be working in the Water Resource Center. Dr. McEnery's research interests are in the area of surface water flow and its connection to ground water.

Andrew Swift – Professor and Director, WISE – Dr. Swift came to Texas Tech from University of Texas – El Paso. Besides teaching, Dr. Swift will be serving as the Director of Wind Science and Engineering (WISE). Dr. Swift's background is in wind power engineering. He shared information on a huge wind energy project proposal he is working on.

Approval of the Minutes

The 2003 minutes were distributed to the Academy. After time was given for review, Walter asked for any discussion. There was no discussion. Wendell Moody made a motion to accept the April 5, 2003 minutes as written. Greg Soules seconded the motion.

The motion carried unanimously.

Treasurer's Report

Lauren Garduño reported on the current fund balances. Balances as of April 3, 2004:

Civil Engineering Academy – \$9,184.83

Civil Engineering Academy Scholarship Endowment – \$51,724.12

Civil Engineering Academy Scholarship Interest – \$1,272.10

Four \$1000 scholarships were awarded to civil engineering students from the CE Academy Scholarship Interest account.

Walter McCullough called for approval of the report as written. Bernie Gradel made a motion to accept the FY 2003 Treasurer's Report. Greg Soules seconded the motion.

The motion carried unanimously.

Chairman's Report

Scott Norville presented the Chairman's Report. Highlights were:

*Student Information

- Enrollment – slight decrease
- Departmental Scholarships
 - Undergraduates - \$37,750 (62 students)
 - Graduates – \$34,000 (34 students)
- FE Exam
 - Fall 2002 – 94% passed
 - Spring 2003 – 90% passed
 - Fall 2003 – 100% passed (CE & ENVE)
- Student Organizations
- Student Recognition
 - Heather Keister – quoted in Nov/Dec 2002 Issue of *Civil Engineering*
 - Rebecca Thomason – awarded the Society of Women Engineers/Dorothy Lemke Howarth Scholarship in the amount of \$2,000

*Faculty Changes

- Retirements
 - Jim McDonald – 45 years service
 - Kishor Mehta – 39 years service
 - Tony Mollhagen – 36 years service
 - W. Pennington (Penny) Vann will retire May 31, 2004 – 32 years service
- Promotions
 - Andrew Jackson – to Associate Professor effective September 1, 2004
- New Faculty
 - Andrew Swift – Professor of CE and Director of Wind Science & Engineering
 - John McEnery – Assistant Professor, Environmental/Water Resources
 - Audra Morse – Assistant Professor, Environmental/Water Resources
- New Faculty Searches – three searches are currently underway
 - Wind/Structures
 - Transportation
 - Structures
- Faculty Recognition
 - College of Engineering Awards
 - Andrew Jackson – Lockheed Martin Teaching Award (2002)
 - Heyward Ramsey – Hanger-Abell Faculty Award (2002)
 - Doug Smith – Halliburton Education Foundation Excellence in Teaching Award (2002)
 - Chris Letchford – Outstanding Researcher (2004)
 - University Awards
 - Kishor Mehta – Bernie E. Rushing, Jr., Faculty Distinguished Research Award (2003)
 - Scott Norville – President’s Excellence in Teaching Award (2002)
 - University Recognition
 - Chris Letchford – Mortar Board Senior Honor Society and Omicron Delta Kappa Honor Society “2003-2004 Outstanding Faculty Member”
 - Sanjaya Senadheera – Parents Association Outstanding New Faculty Award – 2004
 - National Recognition
 - Kishor Mehta – Elected to the National Academy of Engineering

*Research Centers

- Wind Science and Engineering
 - Hosted 11th International Conference on Wind Engineering
 - Storm Shelter Work Continues
 - Working on Funding for a Huge Wind Energy Project
- TechMRT
 - Continued TxDOT Funding
 - Bridge Deck Durability
 - Rapid Bridge Replacement

- Pavement Edge Maintenance
 - Soil Vitrification
- Water Resources Center
 - NASA-JSC Research
 - TCEQ Perchlorate Study
 - Pantex Plant Environmental Research
 - Septic System Study
- Murdough Center
 - National Science Foundation
 - National Institute for Engineering Ethics
 - Private Contributions (Industry, Engineering Societies, Individuals)
 - Bill Lawson appointed Chair of NSPE Board of Ethical Review

Old Business

- Scholarships

At the April 2002 meeting Max Kiesling volunteered to chair a committee to help raise funds to increase the CE Academy Scholarship Endowment Fund. Greg Soules and Tom Zachman volunteered to assist Max on this committee. Walter McCullough introduced Tom Zachman, spokesman for the committee, and asked for him to report on the progress of the committee.

Tom reported that the committee has drafted a letter to send to all CE Academy members. He solicited input from Amy Fox, Senior Development Officer for College of Engineering. The purpose of the letter is to solicit contributions from all academy members to raise the current endowment to \$100,000 within the year, with the ultimate goal to reach \$250,000 within the next three years. Tom distributed a draft copy of the letter to academy members present on April 3.

Tom asked for advice and discussion on how to proceed with this endeavor. Suggestions were to make sure the letter states that this is endorsed by the CE Department Chair; to educate the Academy by letting them know the purpose of the campaign and to include the number of scholarships that have been given to date.

Greg Soules made a motion for the committee to proceed with finalizing this letter. Dudley McFarquahar seconded the motion.

The motion carried unanimously.

Tom Zachman asked that Debbie Starcher be involved in coming up with a pledge card to include with the letter and to mail the letters since she has addresses on a data base already.

Motion was made by Greg Soules to transfer \$3,000 from the CE Academy Fund to the CE Academy Scholarship Endowment Fund – Interest account. Rich Patrick seconded the motion.

The motion carried unanimously.

New Business

- Plaque – Walter McCullough announced that the Advisory Council will be purchasing a bas-relief plaque in honor of James McDonald. Walter asked if the Academy would consider contributing to this effort. The total cost is expected to be between \$1600 and \$1700, thus, if the cost is split it would be somewhere between \$800 and \$900. Wendell Moody moved that the Academy participate financially with this purchase. Mike Robertson seconded the motion.

The motion carried unanimously.

- Web page – Tony Childress brought up the idea of a CE Academy web page. He said that before his nomination, he did not even know what the CE Academy was. Scott Norville said that he could get Stephen Morse to create a link from the Civil Engineering web page. Suggestions for information to be on the web page were what the CE Academy is, bylaws and mission, current academy members, minutes from previous meetings, and scholarships awarded.

- Election of Officers

Walter McCullough moved that Tom Zachman move up to Chair as his successor, Lauren Garduño become the Vice-Chair and a new secretary/treasurer be nominated. The floor was opened for nominations or a volunteer for Secretary/Treasurer. Greg Soules volunteered to become the next Secretary/Treasurer. Bernie Gradel moved that nominations close and the Academy accept these new officers. Wendell Moody seconded the motion.

The motion carried unanimously.

Officers for 2004 - 2005

Chair – Tom Zachman

V-Chair – Lauren Garduño

Secretary/Treasurer – Greg Soules

Adjourn

There being no further business, the meeting adjourned at 10:45 a.m.

Respectfully submitted,

Debbie Starcher, Business Manager

THE NEXT MEETING OF THE CIVIL ENGINEERING ACADEMY WILL BE SATURDAY, APRIL 1, 2005.