

The Dodecahedron



Mid-South Engineering: A Friend to the Department

As you approach the compound you feel you are stepping into the past, and a glorious past at that. It is hard to imagine you are still in the heart of Hot Springs, Arkansas. Housed among the complex is the home of Mid-South



Engineering. Back in the 1920s the private estate was built as a retreat for overworked executives. The main office, in what used to be



the stables for Hackney Horses and Welsh Ponies, was inspired by a church in the Boston area that was designed to look like an inverted ship. It has since been expanded to accommodate the growing business after Larry Stephens and his three partners in Mid-South Engineering purchased the compound back in 1975.



Larry Stephens, who is now the Chairman of the Board of Mid-South Engineering and only active founder, graduated from the University of Arkansas Industrial Engineering Department in 1958. He went on to earn his PE designation and has

distinguished himself in his career. His company continues to not only thrive, but is growing in the challenging economy of late. Mid-South Engineering was founded in 1969 by four men, all engineers, in order to provide specialized building products and services. In the beginning, they designed and constructed wood products facilities. Their wood clients have always loved to see the offices made from the old stalls and the hand hewed wood all around the facility.

Today Mid-South Engineering employs 115 employees in their two locations, the Hot Springs complex and a facility in Cary, North Carolina which was purchased 4 years ago to accommodate their growing client base.



Cary, North Carolina location

All these years later, Mid-South has expanded into bio-energy, as well as the mining and minerals industries. Of the 30 engineers in Hot Springs, 18 are PEs and 12 are EIs. Eight are IEs and only one of them did not graduate from the University of Arkansas. In fact, 20 of the 30 graduated from the University of Arkansas.

Mid-South Engineering is obviously pleased with the product of the University of Arkansas and the collaboration has been mutually beneficial. Larry Stephens states, "We like to hire IEs. We find it is a well-rounded discipline including engineering, economics, process development, factory planning, budgeting and forecasting. Clients are interested in dealing with the engineer who has the ability to discuss all aspects of the project. IEs from the University of Arkansas are excellent!"

A young engineer hired at Mid-South Engineering could expect to be given the responsibility of certain aspects of a project

(Continued on page 6)

Fall 2012

The AAIE
Officers for
2012-2013

Bryan Grimsley
President

Tarek Taha
President-Elect

Mike Gross
Secretary

Jim Burgin
Treasurer

Grant DuCote
Past President

Inside this issue:

Note from the President ...	2
Scholarship	3
From the Department	4
Global Studies	6
SHUR Liaison	8
In Remembrance	9
Membership	10
Sparadigm?	10

From the President...

Greetings, fellow Academy members!

As I share my thoughts on AAIE, I'd like to answer the question, "Why am I in the Academy?" The short answer is, "I want to give back to the University, in thanks for what it has done for me."

I think back to how life with INEG started for me. Dr. John Imhoff was department head my freshman year, but my upper class years were with Dr. Bob Emerson. I enjoyed getting to know the faculty. What a great group of people....Rader, Asfahl, Stone, Taha, Springer...to name a few. Plus I got to know the effervescent Bonnie Swayze in the early stages of her career in the college of Engineering!

Just like it still is today, INEG was 'family'. We worked hard at learning new information, had fun in the social settings, and got to know the personal side of the people we were around so many hours of the week. Then came graduation, and off to the cold, cruel world!

I lived out-of-state for eight years working for General Electric, moving four times...and removed from the Southwestern conference sports! I was appalled that North Carolina did not care about the Arkansas bowl game! Then I had to sit quietly and listen to the Louisville vs. Kentucky basketball banter. While in Illinois, my attention turned to the NFL as I got caught up in the 'Super Bowl Shuffle' with 'Da Bears'. I also experienced the crossfire of Cubs vs. Cardinals. Finally, I got to mix it up with Bama and Auburn fans before they became the enemy! But the day came when I came back to be near my ever-lovin' Hogs!

When I returned to Arkansas, I did not know how to reconnect with the I.E. department. At the time, Logistics Institute was big, and I was in manufacturing! How could I contribute? The task was for others, I thought. Then I got a call inviting me to join the Academy. A whole new world opened up in the area of INEG involvement. I got to relive the senior I.E. design project angst by sitting in the presentations and providing input to the judges. I got to reconnect with former classmates and faculty. I indicated a willingness to get involved and was soon asked to join the board of

directors. I see other members faithfully serving on one of the committees. What a delightful experience! I truly appreciate the hard work that the department does...and they appreciate me!

With two kids in college, and one more heading that way, I don't have a lot of discretionary funds to help build up the scholarship endowments. However, I do have my mind and willingness to invest the time in helping INEG grow. There is so much more the Academy could do for the department if more people were willing to step up and get involved.

We have examined the INEG strategic plan and identified 23 initiatives that the Academy can take to support their efforts. The AAIE strategic plan is being developed to capture some of the details of the actions that we are taking and hope to take. As I write this, the document is in draft mode but will hopefully be finalized at the fall board meeting. It will then be distributed to the AAIE membership. When you get the plan, don't just say "interesting," but look for an area in which you can contribute.

I liken the role of Academy member to that of deacon in the church. Though denominations differ in the use of that role, the word is derived from the Greek *diakonos* meaning "servant." The earlier church chose individuals who were "of good report...and full of wisdom." Seven were chosen for that first induction class! I'm sure they felt honored, but they were called to serve. I really see no difference in the expectation of us as AAIE members. Take a minute and look at the AAIE plaque you received at your induction ceremony. See it as your call to act. With the honor of membership comes responsibility.

The department...the students... need your involvement!



Bryan Grimsley BS '82

"There is so much more the Academy could do for the department if more people were willing to step up and get involved."



Bryan Grimsley

Scholarship News



Dewey Freeman, BS '74

The AAIE Scholarship committee often receives questions from AAIE members, so we will share some frequently asked questions from members regarding different aspects of the program.

How many different endowment funds does AAIE maintain?

Two formal endowment agreements were created within the University of Arkansas Foundation entitled "AAIE Academic Scholarship Endowment" and the "Financial Need Scholarship Endowment," respectively. AAIE Scholarship awards support both academic and need-based scholarships with the proceeds from donations made to these endowments.

The "Global Studies" endowment operates under a separate endowment agreement established according to the wishes of Dr. John Imhoff prior to his death. It is primarily funded by a contribution from his estate. According to Dr. Imhoff's wishes, Global Studies Endowment does not solicit AAIE member donations.

What are the balances for the two endowments?

Perhaps like your 401(k), the balances of the endowments invested by the University of Arkansas Foundation fluctuate with the markets, but the approximate balance in each fund is:

Academic Endowment—\$628,000

Financial Need Endowment—\$226,000

At any point in time, these balances may be slightly higher or lower depending on financial market conditions.

How does AAIE fund the scholarships for students?

All of your scholarship donations go directly to the University of Arkansas Foundation for investment in the endowments, and that investment principal is controlled and managed by the Foundation. Earnings from the investments are periodically transferred to AAIE and are used to award scholarships to deserving IE students. In recent years, AAIE has awarded approximately \$39,000 annually in scholarships with roughly a 70-30 split between

academic and need-based awards. Most recently, we were able to award 35 scholarships for the 2012-13 academic year.

How are scholarship recipients selected?

An IE department faculty scholarship committee is the body that determines which students receive scholarships based on the criteria set by the department. Students apply for scholarships in the spring semester for next academic year awards. Student academic performance primarily determines the selection for Academic Endowment scholarships. University financial aid criteria along with the student academic record determine the student eligibility for the Financial Need endowment scholarship. The IE department requests from the AAIE Board an allocation from the available scholarship funds to support the AAIE Scholarship awards.

Do my AAIE dues support scholarships?

The answer is not directly. Member contributions to AAIE that exceed annual dues, and are not otherwise designated for another purpose by the member, are used for supporting AAIE scholarships. Members may direct AAIE to add their funds in excess of dues to either the Academic Scholarship or to the Financial Need endowment. Dues payments go to a "Dues" account which funds AAIE programs that support the department like SHUR, annual meeting expense, and other Board-designated items. Often, when there is a surplus of funds remaining in the "Dues" account, the AAIE Board may transfer a portion of that surplus to the scholarship endowments. In this way, all AAIE members support the scholarship program through their dues payments.

What if I cannot give a lot now, but want to contribute?

We encourage AAIE members to contribute at any time, and at any dollar amount, to our scholarship endowments. Regardless of amount, each contribution is an important way to assist the IE department and its students. A group as large as ours with broad member participation, even in small amounts, accumulates quickly to significant sums that have a great impact on our students. All scholarship donations are important to helping AAIE reach as many students as possible through departmental scholarships.

What are the member recognition levels for

(Continued on page 7)

"We encourage AAIE members to contribute at any time, and at any dollar amount, to our scholarship endowments."

To make a contribution:

**Please make check payable to:
University of
Arkansas Foundation
and mail to:**

AAIE
Dept of
Industrial Engineering
4207 Bell
Engineering Center
University of Arkansas
Fayetteville, AR 72701



From the Department...

Dear Academy Members,

Hello! We are off to another great academic year. Wonderful things are happening at the university, college and department levels. The University of Arkansas continues to experience historic enrollment growth, and on September 20 reported "11th day" enrollment figures of 24,537 students, an increase of 1,138 students or a 5.8% growth over the record enrollment set in 2011. Undergraduate enrollment is 20,349 students, representing a 6.9% increase from 2011. "These totals reflect the university's growing reputation — in Arkansas and across the nation — for academic excellence and student-centeredness," said Chancellor G. David Gearhart. "That reputation was underscored last week, when *U.S. News & World Report's* 'Best Colleges' publication released its national survey of higher education leaders. Those leaders selected the University of Arkansas as one of the nation's top 10 'up and coming' public universities. Our growth — both in quality and numbers — is evidence that students, parents and high school guidance counselors recognize the great strides the U of A has made over the last several years."

Now, getting on with departmental news, there were several faculty departmental awards of note since my last report. **Dr. Chase Rainwater** received the *Outstanding Teacher Award*, **Dr. Manuel Rossetti** received the *Outstanding Student Service Award*, **Dr. Heather Nachtmann** received the *Outstanding Research Award*, and **Dr. Ed Pohl** received the *AAIE Faculty Member of the Year Award*. **Dr. Ron Rardin** received the *David F. Baker Distinguished Research Award* and **Dr. Richard Cassady** and **Dr. Manuel Rossetti** were each named a *Fellow* at the IIE Annual Conference held in Orlando, Florida May 19-23, 2012.

There was even more good news from the IIE Conference involving faculty and student collaborations. Doctoral student **Lisa Thomas** and her faculty mentor, **Dr. Russell Meller**, received the Best Paper Award in the Facility Logistics track for their paper titled "A Warehouse Model for Replenishment to a Bottom-level Forward Area with Random Storage." Faculty members **Dr. Ed Pohl** and **Dr. Chase Rainwater** along with **Kellie Schneider**, Freshman Engineering Instructor/PhD student, were recognized for receiving the *William A.J. Golomski Award* in the Quality Control &

Reliability Engineering Division. In addition, two of our doctoral students received awards including **Ridvan Gedik**, who received the *E.J. Sierleja Memorial Fellowship*, and **Jingjing Tong** who was awarded the *Gilbreth Memorial Fellowship*. Three undergraduate students were also recognized at this conference including **Brent Wiles** who received the *Council of Fellows Scholarship*; **Sandra Carrasco** receiving the *John L. Imhoff Scholarship*; and **Megan Peters** who received the *Lisa Zaken Award for Excellence*.



Dr. Kim Needy

Along with the growth of the university, our faculty has been growing too. I am pleased to introduce you to assistant professor, **Dr. Kelly Sullivan**, who has a bachelor's degree and a master's degree, both in industrial engineering, from the University of Arkansas. After earning a doctoral degree at the University of Florida, he has returned back home to our department. In addition, **Dr. Letitia Pohl (Tish)**, who received her Ph.D. from our program, joined the department to serve as our undergraduate advisor and instructor. Faculty members have been making other headlines. As part of his off-campus duty assignment this year in Graz, Austria, **Dr. Russell Meller** collaborated with European colleagues on a multi-million-euro proposal to the European Commission. This proposal was funded allowing him to return to Europe the next three summers to continue the work. In other developments, **Dr. Richard Cassady** formed a FIRST Lego League team at Bernice Young Elementary School in Springdale. The FIRST Lego League is an international program that aims to get students excited about science and technology. FIRST, an acronym of "For Inspiration and Recognition of Science and Technology," teamed up with the Lego company to create the league program. Participants work alongside adult mentors to design, build and program robots to perform tasks and exercises. In another outreach effort, **Dr. Chase Rainwater** hosted more than 40 Arkansas and regional high school teams at the University of

(Continued on page 5)

"These totals reflect the university's growing reputation — in Arkansas and across the nation — for academic excellence and student-centeredness," said Chancellor G. David Gearhart.

"Dost thou love life? Then do not squander time, for that is the stuff life is made of."

Benjamin Franklin

From the Department....
(Continued from page 4)

Arkansas to participate in Arkansas' inaugural FIRST Robotics Competition. The FIRST Robotics Competition challenges high school students – working with professional mentors – to design and build a robot to contend in competitions that measure the effectiveness of each robot, the power of collaboration and the determination of students.

Staff members have also received awards. **Mrs. Tamara Ellenbecker** received the *College of Engineering Employee of the Year Award*. She was also one of two University of Arkansas employees nominated for the *2012 Outstanding State Employee Award*, given by the Arkansas State Employees Association at its 44th annual convention. Two staff members received awards from AAIE. **Ms. Suzanne Kenner** was the recipient of the *2012 AAIE Administrative Staff Member of the Year Award*. Suzanne serves as a Project Specialist for our Operations Management graduate program. She has contributed significantly to the growth and success of the program. **Ms. Carrie Pennington** was selected as the *2012 AAIE Support Staff Member of the Year*. Carrie is the first point of contact for visitors and provides a tremendous level of customer service to the department.

Mr. Ron Morris (B.S.I.E. 1958) received the *Hall of Fame* medal, the highest honor bestowed by the College of Engineering. The *Hall of Fame Award* was established in 1965 to recognize prominent graduates and leaders who have made outstanding contributions to the

engineering profession and to society as a whole. Ron recently retired as the president and chief executive officer of Lyons Manufacturing Inc. in Dallas, Texas. **Mr. Carl Imhoff** (B.S.I.E. 1978) received the *2012 Engineering Alumni Award* from the College of Engineering. Carl is Manager, electric infrastructure market sector, Pacific Northwest National Laboratory in Richland, Washington. **Mr. Thomas Duncan** (B.S.I.E. 2002) received the *2012 Outstanding Young Alumni Award* from the College of Engineering. Thomas is an Investment banking associate with Wells Fargo Securities in Charlotte, North Carolina.

One final exciting piece of good news is that the Board of Trustees approved a name change for historic Engineering Hall, built in 1927, to the John A. White Jr. Engineering Hall, in honor of our former chancellor. **Dr. John A. White Jr.** served as University of Arkansas chancellor from 1997 until 2008, leading the campus during a period of unprecedented growth and academic achievement, supported and enhanced by the Campaign for the Twenty-First Century, which raised more than a billion dollars.

I am certain that you will agree, that the department is doing great things, and I can promise you that we plan to continue on this trajectory. As an AAIE member you should know that we are grateful for the many things that you do to make our department successful. We simply couldn't have done it all without you!

Warmly,
Kim Needy

"One final exciting piece of good news is that the Board of Trustees approved a name change for historic Engineering Hall...in honor of our former chancellor. Dr. John A. White."

If you don't know where you are going, you'll end up someplace else.

Yogi Berra



Bryan Grimsley BS '82

AAIE President, Bryan Grimsley, representing the Arkansas Alumni Association, spoke to Career Orientation classes at Chaffin Junior High in Fort Smith. The presentation was entitled "Higher Education and You". It was intended to get the 8th graders thinking about the critical period they are about to enter (next 8 years or so) and the importance of high school and college education on their opportunities for life. The presentation is excellent and was well received. The PowerPoint deck is available to anyone interested in presenting the program in their area by emailing the editor at ddyoung@ipa.net.

Global Studies

"The GSE is the only scholarship program in the College of Engineering that is dedicated to supporting a global studies experience."

To date the Global Studies Endowment (GSE) program payout has provided over \$45,000 to 26 IE undergraduates undertaking an overseas study experience for credit.

The scholarship amounts were initially set at \$500 for a summer experience and \$1000 for fall/spring experience and the scholarship amounts have been adjusted upward over the years.

After surveys indicated that finances were a major obstacle to an overseas study experience, a sustainability analysis was conducted in 2012 and the GSE scholarship amounts were increased significantly to \$2500 summer/\$3500 fall-spring. Based on these scholarship amounts and the current endowment payout, it is estimated the GSE can provide scholarship support for 5 student applicants annually for an indefinite period of time. The GSE is the only scholarship program in the College of Engineering that is dedicated to supporting a global studies experience.



Bill Denton, BS '75

THE NEXT LEVEL

The IE Department 2011 Strategic Plan contains an Undergraduate Education Goals section that addresses Undergraduate Student Experience. The section contains an objective that 25% of undergraduate INEG students obtain a global studies experience while obtaining their BSIE.

The AAIE 2012 Strategic Plan, currently under development and in alignment with the IE Department Strategic Plan goals, proposes to support the 25% participation goal. This "next level" of GSE support aims to provide scholarships for 25% of undergraduate students seeking a global studies experience or approximately 10 students annually - double the current participation level.

In order to provide the scholarship support at the current described scholarship amount for 10 students, the GSE committee proposes to raise an additional \$200,000 for the GSE principal account during the strategic plan period of 5 years. The GSE committee plans to solicit contributions from interested companies, corporations and foundations. If your employer has similar interests in global higher education please contact me at wbdenton@swbell.net.

Bill Denton '75

Mid-South Engineering (Continued from page 1)

under the guidance of a senior engineer. They would travel to the client's location and sites often in the south or south eastern U.S. They could even find themselves working on a project on the west coast or, on occasion, a foreign country.

Larry and his wife, Gwen, have been friends to the Department, the College and the University for many years. Larry is a charter member and the first president of the Academy. He and Gwen sponsored scholarships that the Academy has been able to provide to students over many years. He has never missed an annual meeting and several of the IE's employed at Mid-South Engineering are members of the academy.

Recently, it was revealed in an article on NWAonline (<http://www.nwaonline.com/news/2012/feb/19/ua-celebrates-those-who-consistently-give-20120219/>) and printed in the Sunday, February 19, 2012 edition of the NWA Democrat Gazette) that the Stephens' hold the title of "longest consecutive donors to the University". The official record shows 33 years

and counting. Gwen agreed that they were making gifts before the records were kept. She states, "We certainly weren't large givers, but we thought we needed to be consistent givers."

Larry adds, "I think consecutive giving can be contagious." The University of Arkansas has a name for consistent givers. They call them ThoroughReds. To qualify for the recognition, a donor must make a gift of any size for three consecutive years or more. Larry and Gwen set the benevolent



Larry and Gwen Stephens

standard of excellence. In 2006, they pledged a sizeable donation to establish the Larry & Gwen Stephens Undergraduate Research Laboratory in the IE Department. They both felt that they wanted to do something to benefit EVERY student. They certainly did!!

Anyone who has never made a mistake has never tried anything new.

Albert Einstein

Mid-South Engineering
(Continued from page 6)



Shown here are the 8 IE's at the Mid-South Engineering—Hot Springs location: (l to r) Chris Brown, Benny Fuhrman, Larry Stephens, Clive Hardy, Jordan McInvale, Al McInvale, Mark Culpepper, & Jeff Stephens.

Imagination
is more
important
than
knowledge.

**Albert
Einstein**

Scholarship News
(Continued from page 3)

scholarship donations?

AAIE recognizes members for all scholarship contributions, and your own contributions can add up faster than you realize. So, you can receive recognition if you desire.

AAIE recognizes the cumulative contributions of members, over and above dues payments, to the scholarship endowments at three recognition levels:

Imhoff Fellow

- Cumulative contributions of \$1,000
- Lapel pin and plaque, name in banquet program

One-time Named Scholarship (one academic year)

- Cumulative contributions of \$5,000
- Annual meeting recognition and student scholarship in the member's name at the next student award dinner

Permanent Named Scholarship

- Cumulative contributions of \$10,000 for each named AAIE scholarship (i.e., members may have more than one named scholarship)
- Name in banquet program and framed display in the department.

We regularly recognize members in the program at the AAIE annual meeting for achieving one of these levels.

How can I find out if I am close to or at a recognition level?

Within the last year, AAIE began using the University of Arkansas Foundation donation data as our official record for tracking all member donations. Through the IE department financial staff, we have access to accurate and official University records that show all member donations that have been made since the start of University of Arkansas Foundation database in the early 1990's. We can now share with you a summary of your total AAIE contributions and current year contributions. As a result, we can provide the members with information on what additional donations are required to obtain the scholarship recognition levels. Our plan is to be ready later this year to share contribution information on a confidential basis with members who wish to know their contribution history.

Dewey Freeman, BS '74

“Within the last year, AAIE began using the University of Arkansas Foundation donation data as our official record for tracking all member donations.”

SHUR Liaison Report

Charm School.... It's not just for Princesses anymore



Frank Broadstreet,
BS '92, MS '96

We all know that being a successful engineer requires more than just being able to map out a process, put together a mathematical model, or any of those other things we learned in our required courses. A successful engineer must have a good Emotional Quotient (E.Q.) or, in some circles, Emotional Intelligence (E.I.). Just what is E.Q. you ask? One of the simplest definitions is "...the ability to perceive, control, and evaluate emotions." There has been a significant amount of research associated with trying to understand and measure this talent. Just try searching E.Q. on Wikipedia and you might find out more than you want to know. Unfortunately, engineering schools and support groups haven't, at least in a formal manner, found many ways to work this type of knowledge and education into their standard curriculums. The good news is that many schools are trying to address this gap, and at the University of Arkansas, AAIE is helping in those efforts.

To give you a taste of what can be done, I suggest checking out the Charm School home page for the MIT Student Activities Office (<http://studentlife.mit.edu/sao/charm>). At MIT, they've taken the idea of helping students understand how to get along in the world to the proverbial "next level." They offer simple 15 minute classes on subjects such as "Which bread plate is mine?" and "When is it appropriate to discuss salary with a potential employer?" to more broad based questions such as "How do I ask someone out on a date?" They even offer degrees in Charm School should you take enough of the classes (10 for a "Ch.D."). What is AAIE doing about this? While we aren't

as far along as MIT, we are making a solid effort. Each spring the Academy and Department have hosted an etiquette lesson and dinner organized and directed by none other than Mrs. Mary Lib White herself. This event is always popular with the students and gives them a chance to pick up some practical skills in a very real setting. When it comes to questions about interviewing and employee etiquette, we offer sessions in both the spring and fall with open ended Q&A about what to expect and how to get along in the business world.

Despite our best efforts, we are still unable to reach the majority of the student population. Of those who attend these informative sessions, they are getting very detailed answers to questions that might be very straightforward or ones that might be open to multiple interpretations. However, not all students attend the sessions, and we may be missing opportunities to impart extra knowledge. Additionally, concepts such as Crucial Conversations and Reading Between the Lines are potentially beneficial topics covered by MIT that we don't really address in any of our existing forums.

As we work toward the strategic vision of AAIE and expand the ways we believe we can help the students, opportunities like the ones described above will definitely be on the table as options to expand our reach and make sure students recognize AAIE as a valuable partner in their education while at the University of Arkansas.



Angela Harrison Kuli
BS '92

"At MIT, they've taken the idea of helping students understand how to get along in the world to the proverbial 'next level'."

You're happiest while you're making the greatest contribution.

Robert F. Kennedy

Men give me some credit for genius. All the genius I have lies in this: When I have a subject in hand, I study it profoundly. Day and night it is before me. I explore it in all its bearings. My mind becomes pervaded with it. Then the effort which I make is what the people call the fruit of genius. It is the fruit of labor and thought.

—Alexander Hamilton

In Remembrance



Norman Watts Meador, loving husband, father, grandfather and great-grandfather went home July 7, 2012. Norman was born in Breckinridge, Texas, September 16, 1925 to R.V. & Eglantine Meador.

Norman served his country during World War II in the Merchant Marines from 1944-1946, and in the Army from 1949-1951. In 1957 Norman graduated with a Bachelors Degree in Industrial Engineering from The University of Arkansas.

After graduation he worked 27 years for Western Electric in Winston Salem, North Carolina, Omaha, Nebraska and Dallas, Texas. Norman called Lake Highlands United Methodist Church his home church. Where he and his family have been active members for many years.

Norman was dedicated to Boy Scouts of America. He committed much of his time and

energy to supporting and encouraging boys interested in scouting. Norman was involved in different troops wherever he was. In 1969 when his family moved to Dallas he became involved in BS Troop 890. For 43 years he was on camp outs, Eagle Boards, at meetings and wherever he was needed. This year Norman was honored by the construction of a Pavilion at Camp Constantin in his name.

Norman was preceded in death by: his parents R.V. and Eglantine Meador; his brothers, LeRoy and William T. Meador; and his wife of 35 years Elizabeth B. Meador.

He is survived by his wife of 23 years, Jean Meador; his son, Scott Meador; stepchildren, James Moon, Jeanette Bouse, Jeannine Shutt and Thomas Moon. He is also survived by 8 grandchildren: Chandra Mosley, Jamie Athanasion, Jimmy Moon, Catie Moon, Austin Bouse, Michael Shutt, Allyson Shutt, Lianna Meador; and four great grandchildren, Brandy, Maggie, Alayna and James.

"He committed much of his time and energy to supporting and encouraging boys interested in scouting."

In The News

Brett A. Peters Named Dean Of The College Of Engineering & Applied Science At The University Of Wisconsin-Milwaukee

Brett obtained his BSIE from the University of Arkansas in 1987 and was inducted into the AAIE in 2005. He continues to make us very proud! If you wish to send a personal response to Brett, he can be reached at bpeters@tamu.edu.

The Milwaukee Journal Sentinel (6/8, Content) reports, "Brett A. Peters has been named dean of the College of Engineering & Applied Science at the University of Wisconsin-Milwaukee." Peters "has been a professor of

industrial and systems engineering at Texas A&M University since 1992 and headed that department from 2002 to 2011." His "research interests include design, analysis, operation and control of manufacturing systems. He concentrates on the facilities design and management issues in flexible manufacturing systems, including facility layout and material handling system design."



Your imagination is your preview of life's coming attractions.

Albert Einstein

Tamara Ellenbecker named Employee of the Year!!

Last May, Dean Saxena announced that Tamara Ellenbecker won the EMPLOYEE OF THE YEAR!!! She was the Employee of the Semester for Fall 2011, but she took the big prize in MAY! We all are very familiar with the tremendous job she does for the department and know that she is very deserving of this recognition.

Sometimes the outstanding job done by staff goes unnoticed, so we also want to thank Dr. White for submitting the nomination and Larry Stephens for the letter of support. Thanks so much for the support for our staff!



Membership Committee



Ken Gaines BS 92

Hello! Our membership search for 2013 is off to a great start! We have three quality candidates that have submitted applications and two others that have given verbal commitments to send in nomination forms. I have received some great help from Alvin Rhodes and

Johnathan Henry, but now we need your help. One of the easiest and most valuable ways to get involved with AAIE is to nominate someone for membership. We all know someone that we graduated with or have worked with that would be a great member. AAIE is one of the strongest Academies at the University of Arkansas and beyond, so an influx of new members each year will allow us to continue to assist the IE Department in becoming the best in the country!

Just to refresh everyone's memory, the basic requirements for membership are:

- University of Arkansas Industrial Engineering graduate
- At least 15 years (1998 or earlier) since earning a degree
- Professional activities that attest to a distinguished record in their career field
- Genuine interest in supporting the

excellence in the University of Arkansas IE Department

Many of our members are in fields other than traditional IE fields, such as healthcare, banking, business owners, and others.

Our membership goal each year is 10 new members, so we are only halfway there. Each candidate that is nominated will be reviewed by the Membership Committee and then sent to the Academy Board. After the Academy Board reviews and recommends the nominees, a ballot will be sent to all active members for final acceptance.

To nominate a candidate, please fill-out the nomination form which can be downloaded from the AAIE website at <http://aaie.ineg.uark.edu/>. Click on the Membership tab and then the Nominate a Member section. Please complete the nomination form with as much information as possible and send to Karen Standley at standley@uark.edu or mail to:

AAIE

c/o Department of Industrial Engineering
4207 Bell Engineering Center
University of Arkansas
Fayetteville, AR 72701

Nominations should be submitted no later than December 31, 2012. Thanks for your help!

If you are interested in helping with membership or have questions, please feel free to e-mail Ken Gaines, Membership Chair, at gaineskd@yahoo.com or call 501-786-7462.

"AAIE is one of the strongest Academies at the University of Arkansas and beyond, so an influx of new members each year will allow us to continue to assist the IE Department in becoming the best in the country!"

EDITOR'S NOTE:

I am so pleased to announce the first in a series of installments called "Sparadigm?" by our own academy member James Bellora. We hope you enjoy the newest contribution to the DODEC!

"Sparadigm?"

by James Bellora, PE, BSIE '83



Academy Spring Board Meeting.....



.....Including dinner at Crystal Bridges



A wise man learns by the mistakes of others, a fool by his own.

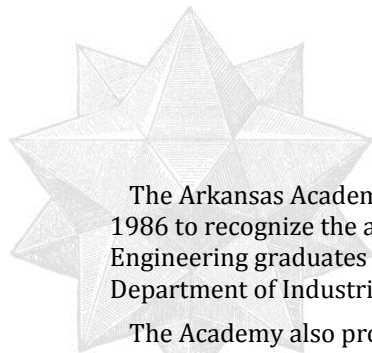
Latin Proverb



We're on the web www.ineg.uark.edu/aaie

**Arkansas Academy of Industrial Engineering
c/o Department of Industrial Engineering
4207 Bell Engineering Center
University of Arkansas
Fayetteville, AR 72701**

234



The Arkansas Academy of Industrial Engineering (AAIE) was established in 1986 to recognize the achievements of University of Arkansas Industrial Engineering graduates and to provide continuing guidance and support to the Department of Industrial Engineering.

The Academy also provides its members with the opportunity to nurture and support the organization that played an important role in their professional growth and development.

THE DODECAHEDRON is a publication of the Arkansas Academy of Industrial Engineering, and the views expressed are those of the AAIE only and do not reflect the official view of the University of Arkansas, the College of Engineering, or the Department of Industrial Engineering. THE DODECAHEDRON is published semiannually and is intended for the membership of the Arkansas Academy of Industrial Engineering.

**You may contact
the editor at
ddyoun@ipa.net**