

# The Dodecahedron



## A note from our President

Dear AAIE Members,

Welcome to the Spring 2022 issue of the DODEC newsletter, I hope this issue finds everyone well. I am enjoying signs of spring all around me as we make plans for the 2022 AAIE Banquet and Annual Meeting in April. It feels like an awakening on a much bigger level, as the University and its functions start to return to what we would consider a more normal mode of operations.

Our AAIE group continues to move forward supporting the students of the IE department with scholarships, mentor circles and mock interviews. It is refreshing to hear from students who have been helped by our organization, especially as we have now been around long enough to see students helped in past years become members of AAIE.

I know over the past few years there has been some confusion on donations and membership when using a recurring donation via the website, resulting in a number of people (myself included) getting a note that we had not paid our annual membership contribution. This is because the money that comes in from the recurring donations cannot be moved around to different funds without permission from the donor. We are working to add wording to the website that the first \$250 of any donation will be applied to the annual membership contribution, but it will also help if you add a note to that effect in the comments when the donation is setup. There is a more detailed article on this topic on page 8 of the DODEC. I appreciate your understanding as we sort out exactly what we need to do to resolve this mismatch, and we appreciate all that you contribute to AAIE.

Looking forward, AAIE will be employing a combination of virtual and in person plans for board and annual meetings. Our membership is spread across the US and it is important that everyone feels the ability to participate without having to travel to NW Arkansas for every meeting. There are some opportunities coming up to participate in AAIE on several committees as well, I look forward to talking about those at our Annual Meeting in April.

Martha Wolf  
AAIE President  
moogiekilter@fastmail.com



**Martha Wolf**  
**AAIE President**

## Spring 2022

### AAIE Officers

Martha Wolf  
*President*

Stu Garrett  
*President-Elect*

Mandy Robinson  
*Secretary*

Jim Burgin  
*Treasurer*

Karen Jewell  
*Past President*

### Inside this issue:

- From the President.....1**
- Scholarship News ..... 2**
- Banquet and Annual Meeting dates ..... 2**
- From the Department... 4**
- New Member Bios..... 5**
- Donations Update ..... 8**

## Scholarship News

***“Help the Academy exceed \$100,000 in donations again this year!”***

### **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

OR

Online at:  
<https://aaie.uark.edu/giving/>

And don't forget to ask if your company offers matching



While we are still in the process of finalizing the exact numbers, I can share that the Academy is planning for another record year in both Scholarships awarded and Endowment values (see chart for history). The uncertainty of Covid related travel restrictions have made Global Studies forecasting almost impossible if not useless.

However, I can tell you that the AAIE Board recently approved the following appropriations for new scholarships to be awarded in April, 2022.

AAIE Academic	\$80,000
AAIE Need Based	\$35,000
AAIE Graduate Studies	\$25,000
John Imhoff Global Studies	up to \$50,000

Due to travel restrictions the last couple years we have under utilized the available funds for the Global Studies Scholarship and are prepared to significantly increase spending if demand returns.

I continue to be impressed with the support from members during these uncertain times. Last fall I shared with you that while donations were down some from recent years, 2020-21 totals exceeded the \$100,000 level again at \$122,000. With the 2021-22 school year a little past the half way point, YTD Scholarship donations are \$70,000. We have some work to do if we want to reach the \$100,000 level and continue the streak that has been going for 8 consecutive years.

Considering the uncertainty of these times, it is very exciting to be able to tell you that in 2021-22 the Academy is adding 2 new John Imhoff Fellows, 3 additional members with One-time Named Scholarships and 2 members with new Permanent Named Scholarships. In a continuing theme multiple members have increased the number of scholarships they provide annually.

Let's keep it going, if the time is right for you, support AAIE Scholarships today. Help the Academy exceed \$100,000 in donations again this year!

**THANK YOU -- YOUR AAIE IS MAKING A DIFFERENCE!**

### **SAVE THE DATE!!!**

AAIE Banquet Friday April 8, 2022 Springdale AR  
 2022 Annual Meeting April 8, 9 2022 Fayetteville AR

If you haven't RSVP'd for either the banquet or the annual meeting, please use the following link to do so now!

<https://uaineg.wufoo.com/forms/zsn5hi1qz3y2w/>



**Bob Etien**  
*Scholarship Chair*

YEAR	Scholarship Endowments	Scholarships Awarded
2010-11	\$1,305,000	\$31,500
2011-12	\$1,330,000	\$31,500
2012-13	\$1,455,000	\$58,800
2013-14	\$1,625,000	\$53,000
2014-15	\$1,715,000	\$67,500
2015-16	\$1,780,000	\$70,000
2016-17	\$2,060,000	\$75,000
2017-18	\$2,455,000	\$80,000
2018-19	\$2,600,000	\$100,000
2019-20	\$2,760,000	\$93,000 *
2020-21	\$3,750,000	\$109,000 *
2021-22ytd	\$3,800,000	\$140,000+

\* \*reduced scholarships due to travel restrictions

**Arkansas Academy of Industrial Engineering**

The AAIE was founded in 1966 by a group of faculty members from the College of Engineering, Dr. Ben Koenigs, Department Head of Industrial Engineering along with Dr. Ned Scheidt, Dean of Engineering. They began to seek support from interested alumni. Early Alumnus (1967-70), provided the initial seed money for the AAIE. The AAIE was established to recognize the achievement of members of graduates and to provide continuing education and support to the Department of Industrial Engineering.

**1966** Founding of AAIE by Ben Koenigs, Ned Scheidt, and Larry Stephens.

**1967** AAIE receives first grant from the State of Arkansas.

**1968** AAIE receives first grant from the State of Arkansas.

**1969** AAIE receives first grant from the State of Arkansas.

**1970** AAIE receives first grant from the State of Arkansas.

**1971** AAIE receives first grant from the State of Arkansas.

**1972** AAIE receives first grant from the State of Arkansas.

**1973** AAIE receives first grant from the State of Arkansas.

**1974** AAIE receives first grant from the State of Arkansas.

**1975** AAIE receives first grant from the State of Arkansas.

**1976** AAIE receives first grant from the State of Arkansas.

**1977** AAIE receives first grant from the State of Arkansas.

**1978** AAIE receives first grant from the State of Arkansas.

**1979** AAIE receives first grant from the State of Arkansas.

**1980** AAIE receives first grant from the State of Arkansas.

**1981** AAIE receives first grant from the State of Arkansas.

**1982** AAIE receives first grant from the State of Arkansas.

**1983** AAIE receives first grant from the State of Arkansas.

**1984** AAIE receives first grant from the State of Arkansas.

**1985** AAIE receives first grant from the State of Arkansas.

**1986** AAIE receives first grant from the State of Arkansas.

**1987** AAIE receives first grant from the State of Arkansas.

**1988** AAIE receives first grant from the State of Arkansas.

**1989** AAIE receives first grant from the State of Arkansas.

**1990** AAIE receives first grant from the State of Arkansas.

**1991** AAIE receives first grant from the State of Arkansas.

**1992** AAIE receives first grant from the State of Arkansas.

**1993** AAIE receives first grant from the State of Arkansas.

**1994** AAIE receives first grant from the State of Arkansas.

**1995** AAIE receives first grant from the State of Arkansas.

**1996** AAIE receives first grant from the State of Arkansas.

**1997** AAIE receives first grant from the State of Arkansas.

**1998** AAIE receives first grant from the State of Arkansas.

**1999** AAIE receives first grant from the State of Arkansas.

**2000** AAIE receives first grant from the State of Arkansas.

**2001** AAIE receives first grant from the State of Arkansas.

**2002** AAIE receives first grant from the State of Arkansas.

**2003** AAIE receives first grant from the State of Arkansas.

**2004** AAIE receives first grant from the State of Arkansas.

**2005** AAIE receives first grant from the State of Arkansas.

**2006** AAIE receives first grant from the State of Arkansas.

**2007** AAIE receives first grant from the State of Arkansas.

**2008** AAIE receives first grant from the State of Arkansas.

**2009** AAIE receives first grant from the State of Arkansas.

**2010** AAIE receives first grant from the State of Arkansas.

**2011** AAIE receives first grant from the State of Arkansas.

**2012** AAIE receives first grant from the State of Arkansas.

**2013** AAIE receives first grant from the State of Arkansas.

**2014** AAIE receives first grant from the State of Arkansas.

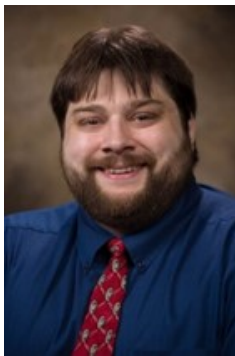
**2015** AAIE receives first grant from the State of Arkansas.

### Timeline of the Arkansas Academy of Industrial Engineering

In 2010 the AAIE celebrated its 25th anniversary. As a memento of the celebration a timeline was constructed that demonstrated the highlights of the first 25 years. In 2015 the timeline was updated for the 30th anniversary. 2020 will mark 35 years of the Academy. You can view the actual timeline in the Craven's Conference Room in the Department next time you are in town!

## From the Department...

Dear AAIE,  
We are nearing midterm of the spring semester and everything is going well. It is a great time to be a Razorback and an even better time to be an I.E. The Chancellor recently announced that the University is moving to a “mask recommended” phase. We will continue to monitor the situation and use caution, but we are all looking forward to feeling the same type of energy we experienced pre-pandemic. With that feeling comes upcoming events, including your banquet, meeting, and picnic on April 8-9. I am looking forward to seeing you all in person and celebrating your



accomplishments, meeting your new members, and thanking you all for everything you do for our department. We are wrapping up the search process for two new faculty members. Brandon Crisel, who obtained a masters in Industrial Engineering from our department, has accepted an offer to join our team as an Instructor. He will also work with Dr. Tish Pohl to advise our undergraduate students. Brandon is currently an

instructor with the First Year Engineering program, and I look forward to having him full time in I.E. starting this summer. We are also hiring a tenure-track Assistant Professor position. This search is still underway, but with the extremely qualified candidates we are meeting, I am confident we will be adding another outstanding faculty member to the team soon.

Our I.T. team has also recently hired two stellar employees. We now have a full four-person team which includes Matt Sparks, Jarvis Roberts, Luan Ho, and Mike Quain. Luan joined the team after an 11-year stint with the



**Dr. Ed Pohl**  
Department Head



University's Undergraduate Admissions office. Mike has served the I.T. team in an hourly role for two years, and we are happy to see him join us in a full-time capacity. Our I.T. team is

*(Continued on page 5)*

*“If anyone can  
adapt to change....  
It's Industrial  
Engineers!”*

often looked at as the model in the college and we pride ourselves on having such a talented group!



In other staff news, we recently learned that Jerra Hill, Fiscal Manager in the Operations Management and Engineering

Management programs, was selected as the College of Engineering's Staff Employee of the Third Quarter. Since Sandy Sehon received the honor for the second quarter, this means we have two staff members in the running for Employee of the Year! Jerra has been with the department since 2011 and is a valued member of the team!

Industrial Engineering faculty members are being recognized for their contributions to the field. The University's Teaching Academy inducted eight new fellows this year, and I am happy to announce that two of our own are included. Associate Professors



Ashlea Milburn and Kelly Sullivan joined the prestigious society which aims to promote excellence in teaching across campus.

Additionally, the SEC Academic Development Leadership Program selected four fellows from across the 14 SEC institutions and Sandra Eksioglu was



one of those four honored. This program seeks to identify and prepare its fellows for leadership roles within their institutions. As always, I am very proud of our talented and dedicated faculty! There are many more accomplishments and updates that I am eager to share with you during the AAIE weekend. I hope you will attend!



## Welcome to our new AAIE Members!



### **David Storms (BSIE 1997)**

David is a Senior Director II of Business Analytics and Insights for Walmart. He has been with them since 2005. Prior, he worked in project management and logistics for companies such as JB Hunt, ClickLogistics, and Williams-Sonoma. His dedication to the growth and development of his teams and others has led to enabling business execution and growth throughout his career. When not working his time revolves around family (wife Courtney and daughter Whitley) and friends. He enjoys traveling, snow skiing, US history, and is an avid fan of the Razorback sports.

*"If anyone can  
adapt to change....*

*It's Industrial  
Engineers!"*

### **Cristin (Glover) Groce (BSIE 2005)**

Cristin has been with Johnson & Johnson over 17-year in the Consumer Health / CPG sector working with a portfolio of products including brands such as Tylenol, Zyrtec, Listerine, Neutrogena, Aveeno, Band-aid. She started in Supply Chain supporting the Walmart account in NWA and then moved cross functionally into the Sales Organization. Her career has seen her take on roles across the country from New England to Los Angeles leading teams associated with many major retailers. Within the last 6 months Cristin and her family, husband David and two children (Nolan, 6 and Mae, 3), have relocated from Southern California to Northwest Arkansas. Cristin is in a leadership role with the J&J Walmart Team, heading up Category Development. Cristin is a Kappa Kappa Gamma Alumni, member of the Junior League and attends St. Thomas Aquinas Catholic Church. She looks forward to getting integrated back into the community!



### **Carol (Choi) Wolf (BSIE 2003)**

Carol joined Walmart in 2013 as a Replenishment Manager before transitioning to Facilities Maintenance in 2015 as a Plumbing Assistant Facilities Manager, driving escalation communications to leadership and supporting proactive plumbing initiatives. In 2017, Carol was promoted to Facilities Manager initially supporting the Pacific Northwest followed by the Southwestern states. She has assisted with Hurricane Harvey and preparing Las Vegas, NV stores for the analyst tour last Spring. Prior to joining Walmart, she worked in metal and aerospace manufacturing with roles in including quality assurance engineering and project management. Carol has lived

in Northwest Arkansas since age 8 and is a former Washington County Spelling Bee champion. She currently resides with her husband, Sean, in Springdale. They enjoy time in the great outdoors biking, hiking, and traveling.

### **Stephanie (Guenther) Gerard (BSIE 1998)**

After a fast and furious experience in the “dot com bubble” with an Internet start-up, a professional sales training program at Johnson Controls and an account management role for a software company, Stephanie has spent most of her career in the various aspects of the logistics industry. This includes many leadership roles, as well as enjoyed project management, operations management, account management, sales engineering, business development and sales management roles. Currently at Western Peaks Logistics (a premier courier and logistics provider in the Mountain States) she service as their Director of Sales and Business



Development. Prior, she held leadership roles in sales, logistics, operations and engineer courier, medical, full cycle logistics companies. In 2003 Stephanie received a ME in Engineering Management from the University of Colorado. On the side, she and her husband manage real estate investment properties in Northwest Arkansas and Colorado. Outside of work she is mom to two amazing and active boys and hopefully future University of Arkansas students (Jackson – 11 and Hunter - 8). She loves to run, hike, ski, bike, read, cook and spend time with my family, Ozark (the family’s chocolate labradoodle), and friends. She is also an active PTA member for her sons’ schools, and they attend Red Rocks Church.

### **Roger Ha (BSIE 2005)**

Roger has held various roles across Tyson, Walmart/ Sam’s Club, and Marshalltown. He has placed his fingerprints on huge transformational programs around the world. Some of these programs include standardizing SAP preventive maintenance programs at Tyson, launching the first Sam’s club self-checkouts, many efforts to improve supply chain and logistics operations, facilitating the divestiture program for business in Brazil (Walmart International), and recently he worked across Global Tech to stand up the first workforce in Chennai, India. Roger has recently

accepted a Director of Project Engineering role with Marshalltown, where he will be responsible for the company’s portfolio of engineering projects. When not working, he enjoys many outdoor activities from golf to hunting.



(Continued on page 9)



## Updates on Donations to AAIE

As part of your membership commitment to AAIE, your annual contribution is required to promote our activities in support of the Department and continue to help AAIE make an impact on students and our future industry leaders and contributors.

There has been some confusion on how to complete financial contributions. The easiest way is to complete the online form linked from the AAIE website. <https://aaie.uark.edu/>

Click the Giving drop-down list and simply choose the destination of your contribution from the list of links, and it takes you straight to the payment form.

If you don't want to pay online, there are several other methods available.

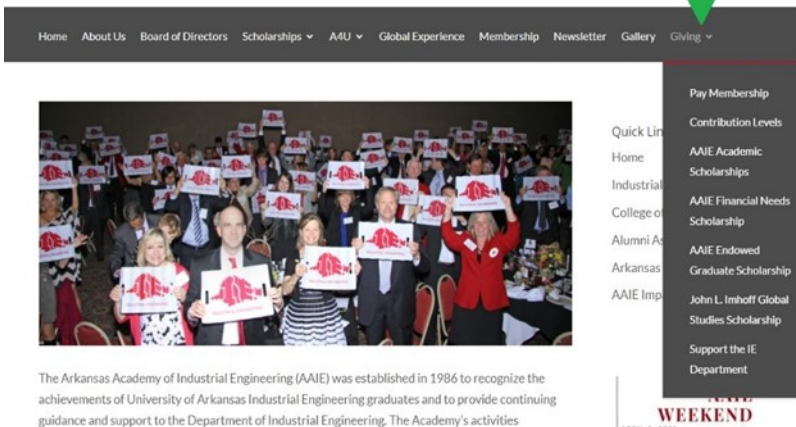
If you want to contribute to more than one fund at the time of payment, you will need to designate the amounts and the fund destination in the comment box provided on the form. Without this information, the gift will be distributed to the fund designation of the form submitted. If you want to give above and beyond your annual membership requirement, you can make your gift recurring or check out the Contribution Levels link from the Giving drop-down list to learn more about the requirements for having a Named Scholarship or becoming a John Imhoff Fellow. <https://aaie.uark.edu/scholarship-levels/>

**NOTE:** If you want your recurring gift to pay your membership, please add a note in the comment section "First \$250 towards annual AAIE membership, remaining portion to XX scholarship account."

While you are pecking around on the website, make sure to visit the AAIE Impact page and see the impact that your contributions are making! <https://aaie.uark.edu/aaie-impact/>



Arkansas Academy of Industrial Engineering





## New Member Bios continued.....



### **Douglas Mettenburg (MSIE 2007)**

Mr. Douglas Mettenburg finished his BS in Industrial Engineering at Iowa State University in 1998 and pursued a MS degree in Industrial Engineering at University of Arkansas after 6 years of industry work. He graduated from the U of A in 2007. Mr. Mettenburg has over 20 years of Transportation and Supply Chain experience in developing transportation and supply chain solutions. Doug's work experience includes software development, third party logistics, and supply chain consulting. As a member of the J.B. Hunt Transport, he is responsible for the Operation research Team, Data Science team, Data Engineering, and Business Intelligence.

### **Ilyas Iyooob (BSIE )**

Dr. Ilyas Iyooob is chief data scientist and distinguished engineer at IBM-Kyndryl. He pioneered the seamless interaction between machine learning and operations research in the fields of autonomous computing, space tech, and blockchain. As a successful entrepreneur at Gravitant, a start-up focused on optimizing the cloud journey, he helped build and sell the company to IBM in 2016. Dr. Iyooob currently advises over a dozen venture funded companies and serves on the faculty of the Cockrell School of Engineering at the University of Texas at Austin. He has earned a number of patents and industry recognition for cloud intelligence and was awarded the prestigious World Mechanics prize by the University of London in 2001. He holds bachelor's and master's degrees in industrial engineering from the University of Arkansas and a Ph.D. in operations research from the University of Texas at Austin.




---

**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.**

Contact the Editor at [moogiekilter@fastmail.com](mailto:moogiekilter@fastmail.com)



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