Dear Friends,

It is Fall, and it is cooler! The season brings football, festivals, and fall colors. It also means back-to-school.

Among those college students on campuses across the country this September are our ASME Auxiliary scholarship winners.

Many are beginning the first step toward their formal education in Mechanical Engineering. Others are continuing their undergraduate studies or are in graduate school pursuing a master’s or doctorate. Today, a degree in Mechanical Engineering is a springboard to areas of specialization.

I want to say a big thank you to our volunteers. Our scholarship selection process works so well because of each of you. The committee chairs and the many readers give of their time each spring in evaluating the applications.

The Auxiliary also has a wonderful student loan program managed by volunteers. We have helped hundreds of students. If you know a student who would be interested in this program, please have him or her check our website. The maximum loan amount is $5,000. These loans are interest free until graduation. They are granted anytime during the year to junior, senior or graduate students in the United States.

If you want to make a difference, become a volunteer!

Another thank you goes to RuthAnn Bigley, David Soukup and Thomas Meehan, Staff Support. They each help the Auxiliary reach our goals, stay focused, and enjoy the process.

The Auxiliary meets next at the Congress in Phoenix, Arizona. Our luncheon is Tuesday, November 15, 2016 at the Sheraton Grand Phoenix. The speaker is Dr. Kenneth Saczalski, researcher in Biomechanics and Vehicle Occupation Safety. His presentation will be “Youth Football Helmet Safety Issues.”

I look forward to seeing you.

Enjoy the fall,

Benetta Cook
ASME Auxiliary President

706-835-9175
daben@windstream.net
ABRIDGED MINUTES OF JUNE 2016 MEETINGS:

The National Board Meeting of the ASME Auxiliary in Louisville Kentucky was called to order by President Benetta Cook at 8:30 AM. There were seventeen (17) members and three (3) guests in attendance. A motion was made and passed to accept the agenda of the meeting.

The Committee paused for a moment of silence for the following members and friends who have passed away; Evelyn-June Frikken and Lish Diefenbacher.

Treasurer’s report showed a balance of $1,269,005.94 on July 1, 2015 and a balance of $1,214,787.39 on March 31, 2016. The Student Loan fund has a balance of $303,677.38 as of March 31, 2016 less $78,131.87 in outstanding loans. The Auxiliary received final payments for two (2) loans that have been paid in full. There are no new loans.

For the 2016/2017 academic year, the Auxiliary awarded eight (8) Undergraduate Scholarships, one (1) Rothermel Scholarship (Master’s degree), one (1) Parsons Scholarship (Doctoral), two (2) Rice Cullimore Scholarships (Foreign Graduate) and ten (10) Lucy and Charles W. E. Clarke Scholarships to graduating High School Seniors on a FIRST Robotics Team.

The following motions were approved, award a total of twenty two (22) scholarships, ($86,000.00) for the 2016/2017 academic year, approve the usage of earnings on all endowments, not otherwise restricted, as unrestricted earnings for the Auxiliary use, appoint Cindi Pool as the new chair or the Marjorie Roy Rothermel Scholarship Committee, to accept the corrections made to the 2016-2017 Auxiliary Roster, approve the revised Auxiliary By-Laws and Constitution, approve the current 2016 Operations Guide and to accept the new Membership Welcome Packet and Membership Trifold changes. The meeting was adjourned.

The Annual Meeting of the ASME Auxiliary in Louisville Kentucky was called to order by President Benetta Cook at 8:30 AM on June 7, 2016. A motion was made and passed to accept the agenda of the meeting. Joy Dingman, Chair of the CAM Section was welcomed.

Julio Guerrero (ASME President), Robert Sims (Immediate Past President), Keith Roe (President-Elect) and Tom Loughlin (Executive Director) spoke to the Auxiliary. Mr. Guerrero thanked the auxiliary for their work and hoped that ASME would continue to focus on influencing young engineers to stay passionate about their jobs. Since Engineers are problem solvers, they stay visible as problem solvers of the world.

Mr. Roe also thanked the Auxiliary. His objective is to grow technology, training and development of the upcoming engineers and increase funds and diversify revenue.

President Julio Guerrero presented the Dedicated Service Award to Joy Dingman from the CAM Section of the Auxiliary.

Linda Sims announced that the speaker for the Guest Luncheon sponsored by the Auxiliary would be Katie Frassinelli from the Corvette Museum. Her presentation will be on the sinkholes at the Corvette Museum. Meeting was adjourned.

Special Meeting of the ASME Auxiliary, June 7, 2016, called to order by President, Benetta Cook. Lynn Gerber and Ella Baldwin-Vierek were elected to the Honors and Awards Committee for 2016-2017.
The Canton-Alliance-Massillon Section was first organized in 1957, but later disbanded. The Section re-organized in October 1972. We still have three members who were part of the re-organization. I didn’t live here at that time, having moved away from this area when my husband was transferred as part of his career with the B.F. Goodrich Company.

My husband, Morris Dingman, is a mechanical engineer and a nationally recognized expert in the field of tire engineering. The Auxiliary is important to me because of the scholarship program to assist mechanical engineering students who may go on to careers like his.

I became involved with the Section after Goodrich transferred my husband back to Akron to design and implement the technical manufacturing procedures for the NASA Space Shuttle tires. He was also responsible for specifications for military and commercial aircraft tires, including those used for Air Force One and the SR-71 Blackbird Mach 2 spy plane.

After we moved back to Akron, a friend of mine, with whom I had kept in contact during the years we had been away, invited me to a Section meeting. That was about 1980. I attended meetings until 1988, when I returned to work full time as an executive assistant. During the 12 years I was working, I continued my membership. When I left my full time employment in 2000, I began attending Section meetings again. I was elected chairman in 2001, and have been re-elected every year since then.

Currently, we have 15 members and seven Associate members. We meet nine times a year. Sometimes we have lunch together, especially in the winter months when some of our members go to warmer places. Other times, we enjoy interesting programs and visits to interesting local places. The Section hosted the National Board Meeting in 1986.

C-A-M Section is proud to continue raising funds for the Sylvia Farny Scholarship Fund. Last year we contributed $875.00. To accomplish this, we have a small monthly raffle, our annual silent auction, and our Christmas gift basket raffle.

I enjoy my part-time job as a reporter for a small local weekly newspaper, writing about the local government and gathering the police reports. I’m on the boards of three other non-profit organizations. My husband owns a collection of classic cars, including five convertibles. We enjoy participating in parades and car shows all over Northeast Ohio. We enjoy going to wine dinners and traveling, although not as much as we used to do. We like to take Amtrak to visit our son and his family, who live in Virginia Beach.
Undergraduate Scholarship Recipients.

Matthew Coleman
Sylvia W. Farny Scholarship
University of Texas of the Permian Basin

Anne Dimming
Sylvia W. Farny Scholarship
Johns Hopkins University

Jason M. Bugarin
Allen J. Baldwin Scholarship
Worcester Polytechnic Institute

Raudel Avila
Irma and Robert Bennett Scholarship
University of Texas at El Paso

Jason Van Winkle
Irma and Robert Bennett Scholarship
South Dakota State University

Kevin Fox
Carolyn and James M. Chenoweth Scholarship
Philadelphia University

Erin Gibboney
Carolyn and James M. Chenoweth Scholarship
University of Cincinnati

Jesse Long
Carolyn and James M. Chenoweth Scholarship
Utah State University

Masters and Doctoral

Kurt Harris
Elisabeth M. and Winchell M. Parsons Scholarship
Utah State University

Caleb Amy
Marjorie Roy Rothermel Scholarship
Georgia Institute of Technology

Rice-Cullimore International Scholarship

Guillermo Gomez
Virginia Tech

Santiago Tosar
University of Maryland
2016 Lucy and Charles W. E. Clarke Scholarship Recipients

Thomas Canty
North Carolina State University

Matthew Heisler
George Washington University

Joshua Ivey
Oklahoma State University

Stephanie Linke
Clemson University

Brendan Mulcahy
University of Nevada, Las Vegas

Austin Plummer
University of Maryland Baltimore County

Austin Purdy
Michigan Technological University

Samuel Ryckman
South Dakota School of Mines and Technology

September St. John
Oregon State University

Avery Wisler
Montana State University

Congratulations to our future Mechanical Engineers!
Currently I attend the South Dakota School of Mines & Technology (SDSMT) where I am in my final year of the MS Program. My major is in Mechanical Engineering, with a specialization in Computational Mechanics. Right now, the majority of my time is spent on my thesis work, which focuses on the numerical simulation of ballistic impact events. Specifically, I build and improve mathematical models capable of capturing the high-energy, transient phenomena that act as forcing functions for the mechanical response of and accumulation of damage to human tissue surrogates. It is our hope that these models will lead to a better understanding of ballistic impact on the human body, in turn leading to better prevention/treatment methods. On that note, I do plan to attend this year’s ASME IMECE conference in Phoenix, AZ as a student-author, where I will be giving a technical presentation on some of the progress my research team and I here at SDSMT have made in this area.

This past summer, I worked with the propulsion analysis group at SpaceX in Hawthorne, CA, where I provided structural, fatigue, and fracture analysis for the Merlin 1D Turbopump team. My experience with numerical simulation came in quite handy there, and I really enjoyed working with the brilliant and talented men and women at that company. Upon my graduation this coming May, I'll likely return to industry as an engineering analyst/designer.
The ASME Auxiliary, Inc.
Dues Notice

Name: ___________________________________
Address: ___________________________________
___________________________________
Email:  ___________________________________

Dues, July 1, 2016 to June 30, 2017

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Please remove my name from the Auxiliary Membership list. ________________________________

NAME

Kindly make checks payable to: ASME Auxiliary, Inc.
Send to: Stella Seiders
        Treasurer
        3152 S. Rockford Drive
        Tulsa, OK 74105

Please consider making a donation to our scholarships. Here are just a few quotes from our very grateful and deserving students.

“Thanks to the ASME Auxiliary I have received my Doctor of Philosophy in Mechanical Engineering. Your generous scholarship enabled me to focus on my research and reach my goal of graduating this past May 2016.”

“Thank you for graciously awarding me this scholarship. I am honored to receive this recognition from ASME. The scholarship will help me on my path to becoming an engineer.”
Volunteer as an Auxiliary Scholarship Reader.

As one starts to read a scholarship application, it becomes apparent that we are in good hands with the next generation of engineers. The cream of the crop are hard working students participating and engaging themselves in their ASME student section and their communities. One can only imagine when these students have time for their school work with all the extra activities, internships and jobs they hold while going to school. And you guessed it, they all have outstanding GPA’s. Once you read a scholarship application for either a high school student on a FIRST team or an undergraduate and graduate student, I believe you will be energized to read more and help award one of our many scholarships to deserving students.

Please consider being a scholarship reader. Contact RuthAnn at bigleyr@asme.org.