Dear Friends,

It is the Fall Season, and we can welcome nature’s colorful pallet. On college campuses all over the country this fall, our scholarship winners are beginning the next phase of their education. This year we are presenting $104,000 in scholarships to beginning and continuing Mechanical Engineering students. This is the largest amount we have ever provided. For information about our scholarship and loan programs, visit go.asme.org/scholarships. Be sure to read the PIPELINE article about the new Carolyn and James M. Chenoweth Scholarship. Cynthia Chenoweth Pool has established a lasting and meaningful remembrance of her parents. This couple did so much for the Auxiliary, and through this memorial their work will continue. Have you considered leaving your legacy with an Auxiliary Scholarship in our future planning? I want to congratulate Stella Seiders, Auxiliary Treasurer, on receipt of the ASME Dedicated Service Award this past June. The award recognizes her voluntary service through effective leadership, devotion, and enthusiasm. I appreciate not only Stella, but each one of you who volunteer. We could not accomplish all we do without you. If you are not involved, but would like to be, please phone or e-mail me or one of our board members. Consider becoming a reader on a scholarship committee, a committee chair, or an officer.

The Auxiliary could not reach our goals if there was not Staff Support. I feel we are very fortunate to have the guidance of RuthAnn Bigley and David Soukup.

Our next Auxiliary Board Meeting and Luncheon is November 17, 2015 at the Hilton Americas, Houston, Texas. Hotel reservations need to be booked by October 14. See the side panel for details. I look forward to seeing you soon.

Enjoy the fall,

Benetta B. Cook
ASME Auxiliary President
706-835-9175
daben@windstream.net
ABRIDGED MINUTES OF JUNE 2015 MEETINGS:

The National Board Meeting of the ASME Auxiliary in Ponte Vedra Beach, Florida was called to order by President Benetta Cook at 2:30 PM on June 8, 2015. 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; Alverta Cover, Ann Lou Fall, Martha Geyer and Robert Nickell. Treasurer’s report showed a balance of $1,269,005.94 on July 1, 2014 and a balance of $1,330,657.00 on April 30, 2015. The Student Loan fund has a balance of $223,389.33 as of March 31, 2015. The Auxiliary granted one new loan since the November 2014 report. For the 2015/2016 academic year, the Auxiliary awarded ten Undergraduate Scholarships, three Rothermel Scholarships (Master’s degree), two Parsons Scholarships (Doctoral degree) and three Rice Cullimore Scholarships (Foreign Graduate Scholarship). Ten Lucy and Charles W. E. Clarke Scholarships were awarded to high school students to help fund their first year of university education.

Unfinished Business: The original three positions in the Student Loan Program have been condensed into two positions. The former FIRST Clarke Scholarship is now called the Lucy and Charles W. E. Clarke Scholarship and will be awarded to high school students going into their first year of university education.

New Business: Updated By-Laws will be submitted for the November 17, 2015 meeting. ASME Staff is working on an Operations Guide for the Auxiliary. A motion was passed that moving forward, all recommendations regarding the number of scholarships to be awarded each year will be voted on at the November National Board Meeting at IMECE. The meeting was then adjourned.

The Annual Meeting of the ASME Auxiliary in Ponte Vedra Beach, Florida was called to order by President Benetta Cook at 8:30 AM on June 9, 2015. A motion was made and passed to accept the agenda of the meeting. Robert Sims (ASME President), Madiha El Mehelmy Kotb (Immediate Past President), Julio C. Guerrero (President-Elect) and Tom Loughlin (Executive Director) spoke to the Auxiliary about the exciting new initiatives for ASME and thanked the Auxiliary for their continued support of student scholarships. Linda Sims announced that the speaker for the Guest Luncheon sponsored by the Auxiliary would be past ASME President, Susan Skemp. Her topic will be “Blue is the New Energy.”

Special Meeting of the ASME Auxiliary, June 9, 2015, called to order by President, Benetta Cook. Stella Seiders and Saraswati Sahay were elected to the Honors and Awards Committee for 2015-2016.

Dedicated Service Award was presented to Stella Seiders by ASME President J. Robert Sims and Auxiliary President Benetta Cook.
PLAN A GIFT THAT CHANGES LIVES

The Carolyn and James M. Chenoweth Scholarship

The Carolyn and James M. Chenoweth Scholarship celebrates the Chenoweths' lifetime commitment to ASME and the ASME Auxiliary. The ASME Auxiliary's support of scholarships was very important to the Chenoweths.

James joined ASME as a Mechanical Engineering student at Purdue University where he completed his undergraduate and Doctoral degrees. In his early years, James was active in the L.A. Section of ASME. He served as Chairman of the Heat Transfer Division. Throughout his Mechanical Engineering career James attended ASME meetings, presented papers, taught seminars and attended sessions to keep current.

James was elected a Fellow in 1988. He served on the Executive Board of the Heat Transfer Division and Chairman (1998 – 1999). He served on committees too numerous to mention and was honored in 2013 as one of the 75 ASME Heat Transfer Division Medal Recipients.

Carolyn joined the ASME Auxiliary L.A. Section in 1965 and served as Treasurer and President (1990 – 1994). After retiring from teaching, Carolyn became active in the National Board of the ASME Auxiliary. She served as Executive Vice President and President (1994 – 1996).

In later years they both served on the ASME Auxiliary Board – Jim as Treasurer of the Student Loan Fund and Carolyn as Consitution and Bylaws chair. They both loved traveling to the ASME meetings and rarely missed a meeting. Both James and Carolyn received the ASME Dedicated Service Award and ASME Auxiliary Dedicated Service Award.

The Chenoweth Scholarship was created by their daughter Cynthia Chenoweth Pool. It follows after other scholarships that were established by ASME Auxiliary L.A. Section members including the Berna Lou Cartwright Scholarship and the Elisabeth M. & Winchell M. Parsons Scholarship.

Have you considering leaving your legacy through the ASME Auxiliary? When you create a scholarship you help to ensure you're around for years to come to enable collaboration, knowledge sharing and skill development across all engineering disciplines.
Undergraduate Scholarship Recipients.

Eric Burns  
Sylvia W. Farny Scholarship  
Georgia Southern University

Megan Kroll  
Sylvia W. Farny Scholarship  
Milwaukee School of Engineering

Chris Westphalen  
Berna Lou Cartwright Scholarship  
Florida Polytechnic University

Hamid Zamenian  
Allen J. Baldwin Scholarship  
Purdue University

Gordon Belyea  
Irma and Robert Bennett Scholarship  
California Polytechnic State University

Troy Eakins  
Irma and Robert Bennett Scholarship  
University of North Texas

Marcus Lacy  
Irma and Robert Bennett Scholarship  
University of Cincinnati

Drew Haxton  
Carolyn and James M. Chenoweth Scholarship  
Daniel Webster College

Jordan Landen  
Carolyn and James M. Chenoweth Scholarship  
South Dakota School of Mines and Technology

Orrin Pope  
Carolyn and James M. Chenoweth Scholarship  
Utah State University

Phillip D’Amore  
Marjorie Roy Rothermel Scholarship  
University of Colorado Boulder

David Feng  
Marjorie Roy Rothermel Scholarship  
Princeton University

Albert Gnadt  
Marjorie Roy Rothermel Scholarship  
Massachusetts Institute of Technology

Michael Bernardi  
Elisabeth M. and Winchell M. Parsons Scholarship  
University of Utah

Victoria Webster  
Elisabeth M. and Winchell M. Parsons Scholarship  
Case Western Reserve University
Rice-Cullimore International Scholarship

Ilbey Karakurt
University of California-Berkeley

Gyorgy Miklos Levay
Johns Hopkins University

Suria Subiah
Georgia Institute of Technology

2015 Lucy and Charles W. E. Clarke Scholarship

Benjamin Allen
Auburn University

Osmar Barrera
Texas Tech University

Chance Bisquera
Harvey Mudd College

Daniel Daugherty
Olin College

Benjamin Fogwell
Virginia Polytechnic Institute

Kaitlin Givens
University of Central Florida

Elizabeth Hoyla
North Carolina State University

Jorge Reyes
Princeton University

Marcus Schaller
Arizona State University

Devon Zimmerman
University of Iowa
ASME and the ASME Auxiliary are aware of two of today’s important, conflicting social issues:

- The need for more and better educated engineers in our increasingly technology dependent society
- The rising costs of education for those who have the talent and desire to pursue an engineering career

The Auxiliary has two approaches for addressing these issues:

- A scholarship (grant) program
- A student loan program for undergraduate engineering students

Many people ask: “Why have both? It seems that we could pool all of our assets into a scholarship program and not have to deal with the issues involved with loans.”

The answer is in basic economic realities. If you have a fund of $1,000,000 earning 5% per year you will have enough income to grant ten $5,000 scholarships per year and still maintain your endowment. However, if you want to grant five $5,000 loans per year, you only need a fund of about $200,000, assuming that the loans are paid back after students graduate from a four year program. This is a simplification which does not take into account the time needed to pay back a loan, defaults, bank charges and other variables, but it illustrates that many more students in need of financial aid to complete their education can be helped with a loan program using a smaller endowment compared to a scholarship program.

The Auxiliary has worked hard over the years to make our loan program attractive to students. There are very few restrictions; the interest rate has been kept low and the payback requirements very liberal. Unlike most other student loan programs, interest on a loan does not begin accumulating until graduation, and re-payment does not need to begin until several months after graduation in order to allow the borrower to settle in to a new job, and a new life. There is even provision for delaying interest and repayment to attend graduate school, and a number of our students have gone on to complete their Master's and Ph.D’s.

Overhead costs for the program are also kept low by using volunteers to carry out many of the administrative functions and our default rate is low by comparison to other similar programs. The few conditions for obtaining a loan include:

- The applicant must be a current ASME student member in good standing, and must maintain their ASME membership at least until the loan is paid in full
- The recipient must be a US citizen or permanent resident working toward an undergraduate degree in mechanical engineering or a closely related field at a recognized US institution, making satisfactory progress toward their degree, and submit a brief recommendation from the Chair of the Department, the Dean of Engineering, or Faculty Advisor of the ASME Student Section
- Each recipient may receive maximum total loans of $5,000
- The loan begins accumulating interest upon the completion of requirements for a degree, including approved extensions for graduate studies, or upon termination of studies, and payments are required to begin within 6 months (4 months on older loans) after graduation or termination of studies

The complete loan application and requirements can be found at go.asme.org/loans.

If you know of someone who could use financial assistance to complete their studies, and who may meet the requirements for an Auxiliary Student Loan, or a faculty member who may want to pass information on our loan program to their students, please have them visit the web site above, or contact:

Rajan Menon, Chair, ASME Auxiliary Student Loan Fund: menonrajank@gmail.com
Ed Seiders, Treasurer, ASME Auxiliary Student Loan Fund: seiderse@asme.org
The ASME Auxiliary, Inc.  
Dues Notice  

Name: ___________________________________  
Address: ___________________________________  
___________________________________  

Dues, July 1, 2015 to June 30, 2016  

Member-at-Large ($25.00)  
(not applicable for current Life Members)  
$ ________  

Life Member ($150.00)  
(not applicable for current Life Members)  
$ ________  

Contributions—tax deductible  
(for the Auxiliary Scholarships  
and Loan Programs)  
$ ________  

Total  
$ ________  

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.  

“I am a senior at Rowan University studying Mechanical Engineering with a minor in Electrical and Computer Engineering. Since receiving your scholarship I have been interning at Lockheed Martin. The scholarship has allowed me to focus on my school work, projects, and pursuing internships rather than finances and I can’t thank the ASME Auxiliary enough for all the help!”  

“ With two other siblings in college, your scholarship has enabled me to focus on my studies and other educational activities. I am a member of the ASME Student Section and enjoying meeting and talking to other mechanical engineers. Thank you for choosing me and supporting my education.”
The Lucy and Charles W. E. Clarke Scholarship Committee were thrilled to see the Shumaker brothers “Paying It Forward”. Cole, a 2011 recipient of the scholarship, nominated his brother Titus who was selected for a 2014 scholarship. They were part of the FIRST Team 2137, TORC, from Michigan. The brothers are completing degrees in Mechanical Engineering at Kettering University and are Phi Delta Theta members.

Cole, a senior, is working a co-op with Webasto Roof Systems in Rochester Hills, MI. He is gaining experience in product testing for the electrical systems of automotive sunroof products and product engineering for the sunroof products at Webasto.

Titus, a sophomore, is also gaining experience by working co-ops. His first co-op with General Motors led his interests in product development. He is now working for NLB Corp in product development.

These brothers are extremely grateful for their scholarships and thankful to the Auxiliary’s commitment to early career engineers. To show their gratitude they pay forward by assisting other students in applying for Auxiliary scholarships and being nominators. In the last few years, the Clarke Committee has seen other recipients of the scholarship and those who applied but didn’t get the scholarship, paying it forward by nominating students. The FIRST Competition has really taught these students the true meaning of Gracious Professionalism. It’s a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community.

WAY TO GO COLE AND TITUS!

Auxiliary Member Cindi Pool presents Chance Bisquera with his 2015 Lucy and Charles W.E. Clarke Certificate.

Auxiliary Staff Coordinator RuthAnn Bigley presents Elizabeth Hoyla with her 2015 Lucy and Charles W.E. Clarke Certificate.

ASME Student Section Advisor Mohammad Mahinfalah presents Megan Kroll with her Sylvia W. Farny Certificate.