

MAC eNews

Volume 3, Issue 1 January, 2016

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Fall Meeting 2015, Salt Lake City, UT

Letter from Chair, Kathy Lee

Thomas R. Marrero
May 21, 1936-Dec. 2, 2015



It is with great sadness that we announce the passing of Dr. Thomas Marrero. Dr. Marrero was a long time member of MAC and was instrumental in establishing support for Hispanic Engineers. This month, Dr. Marrero received one of the inaugural Pioneers of Diversity Awards by the AICHE Minority Affairs Committee (MAC) for his dedication to MAC and for his mentorship of Hispanic chemical engineers in AICHE and the profession. Please see the link below to read more about Dr. Marrero's life.

[Obituary for Dr. Marrero](#)

2015 has been a fantastic year for MAC and 2016 promises to be even better.

First I would like to congratulate our Pioneer Award Winners. In Salt Lake City we acknowledge some of our early leadership with awards, history and a reception. It was a great day but I willingly concede that there were many early and current leaders that we missed honoring as Pioneers but intend to acknowledge in future for their roles in pushing the boundaries and mission of MAC into AICHE and beyond.

As I move from Chair-Elect to MAC Chair, I would like to welcome our new Chair-Elect, Belinda Akpa from North Carolina State University. I would also like to welcome other new volunteers:

Sheena Reeves, Prairie View A&M. Sheena will be leading our College Relations/Outreach effort

Tagbo Niepa, UPenn and Richelle Thomas, Owens Corning S&T. Tagbo and Richelle will be involved in the entrepreneurship effort within MAC.

In other moves, I would like to welcome Michael Chee-Awai, former assistant editor and DeMarcus Hunter, MAC Secretary as the new editors of the newsletter. Kryssia Diaz, Clemson U. will also be assisting.



Welcome

Kryssia Diaz Orellana

Kryssia Diaz Orellana was born in El Salvador, Central America, where she received her BS in Chemical Engineering at Universidad Centroamericana "Jose Simeon Canas". Kryssia joined the graduate program at Clemson University in 2011 and is currently working toward her PhD in Chemical Engineering with Prof. Mark E. Roberts. Her research is focused in developing composite conducting polymer and carbon electrodes for high-performance, low-cost energy storage devices.

OUR MESSAGE FOR 2016

MAC is expanding with new activities in the college and K-12 outreach areas of our mission. We are also developing a virtual community and an effort to inform and support our entrepreneurial community.

And

MAC needs your help. And you can help from right where you are sitting. You don't need to be at a meeting to participate. Build your network and leadership skills by volunteering for one of MAC's subcommittees.

Belinda Akpa Named Chair Elect of MAC

Belinda Akpa is an Assistant Professor at North Carolina State University working in the area of Computational Biomedicine (systems modeling to connect molecular phenomena to their physiological consequences). She received her degrees in Chemical Engineering at the University of Cambridge, with a 2007 PhD in the area of experimental magnetic resonance. She is a 15-year member of AIChE and recently served as a member of SIOC.



2015-2016 Minority Scholarship

Congratulations to the students in engineering who are this year's recipients of the Minority Scholarship! A total of 27 scholarships have been awarded for the 2015-2016 academic year. In particular, MAC would like to recognize the **South Texas Local Section (STS)**, which made a \$5000 donation that enabled MAC to award five of the 27 scholarships. This scholarship money donated by the South Texas Local Section was able to directly help three young engineers in the South Texas community attending Prairie View A&M University. The goal for our organization is to match these young scholars with mentors who will help ensure their success.

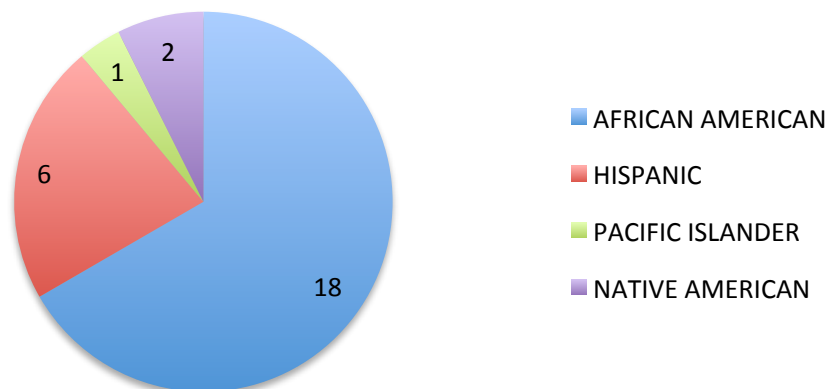
2015-2016 INCOMING FRESHMEN MAC SCHOLARSHIP RECIPIENTS

Jessica Anthony
 Dianie Fontenelle
 Rebecca Grekin
 Francisco Herrera
 Brianna Love
 Victoria Lucas
 Alexandra Marnot
 Joshua Popoola
 Jasmine Anne Quiambao
 Spencerdevine Reed
 Michael Simpson
 Gabriel Valdes

2015-2016 COLLEGE STUDENTS MAC SCHOLARSHIP RECIPIENTS

Oluwatoni Adetayo
 Aja Castano
 David Hall
 Suzy Kana
 Dubem Mbeledogu
 Sam Mulbah
 Kayla Murphy
 Lisha Murphy
 Chinedu Okorafor
 Chinomso Onuoha
 Zully Perez Sierra
 Noel Perry
 Ana Santandreu
 Kelvin Smith

2015 MAC Scholarship Demographics



Congratulations Janice Lumpkin Travel Award Winners

This travel award to bring young professionals to attend AIChE annual conference and give them opportunities for networking and professional development is in honor of late Dr. Janice Lumpkin, Assistant Professor of Chemical Engineering at University of Maryland Baltimore County (UMBC) . The award covers free registration fees for the annual conference and \$500.00 travel fund. Congratulations to the following award winners.

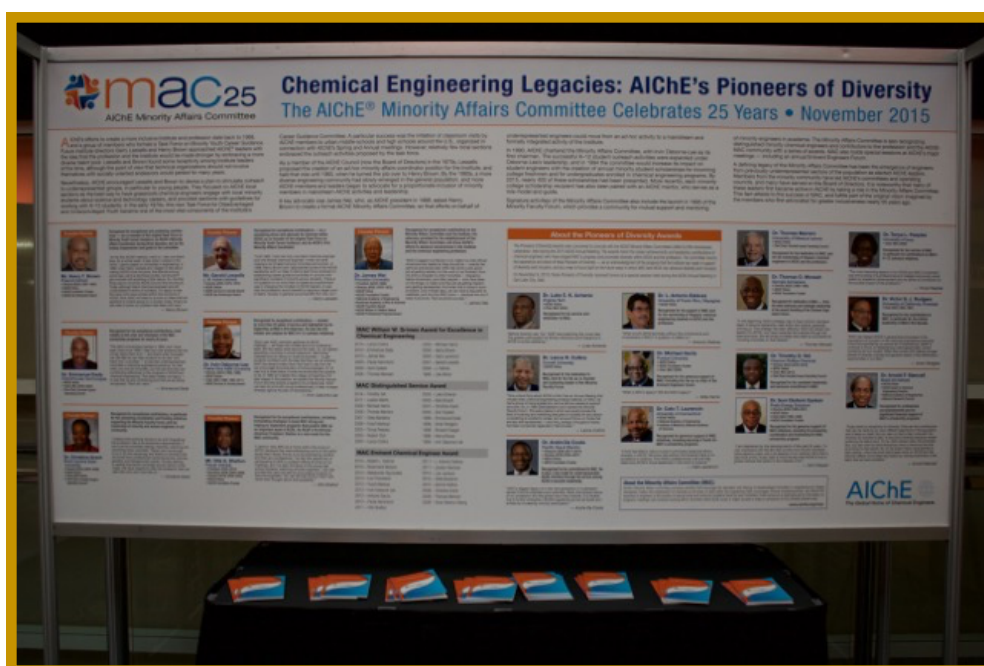
Jorge Vazque, Ph.D., Graduate Student, The University of Texas at Austin,
Richelle Thomas, Advanced Engineer, Owens Corning Science & Technology,
Kasim Adewuyi, Graduate Student, John Hopkins University
Kryssia P. Diaz Orellana, Ph.D., Graduate Student, Clemson University
Onajite Shemi, Ph.D., Graduate Student, University of Michigan,
Adesoji Adesina, ATODATECH, LLC, Pasadena, CA,

The Pioneers of Diversity Awards

The Pioneers of Diversity Awards took place on November 9, 2015. During the awards ceremony, MAC honored the founding pioneers of MAC and the members whose work throughout the years has been essential to the organization's success. These individuals paved the way for minorities in engineering by establishing a support network for young engineers and bringing light to difficulties faced by underrepresented groups in the field. Their work has brought greater inclusion and diversity to the profession of chemical engineering, and we thank them for their dedication.

The Founding Pioneers

Mr. Henry T. Brown	Dr. Irvin Osborne-Lee
Polaroid (Retired)	Prairie View A&M University
Director AIChE (1981-1983)	Director AIChE (1994-1996)
AIChE Fellow	AIChE Fellow
AIChE Foundation Trustee	Chair, MAC (1990-1993, 2011)
AIChE Van Antwerpen Award	AIChE Service to Society Award
Dr. Emmanuel Dada	Mr. Otis A. Shelton
ChemProcess Technologies	Praxair (Retired)
AIChE Fellow	President, AIChE (2014)
Chair MAC (2000-2002)	Secretary, AIChE (2004-2006)
Past Chair, Societal Impact Operating Council	Director AIChE (2000-2002)
Dr. Christine Grant	AIChE Fellow
North Carolina State University	AIChE Foundation Trustee
Director AIChE (2004-2008)	Dr. James Wei
Chair, MAC (2003)	Princeton University
Past Chair, Societal Impact Operating Council	President, AIChE (1988)
Mr. Gerald Lessells	AIChE Fellow
J.M. Huber (Retired)	AIChE Foundation Trustee
Director, AIChE (1973-1975)	National Academy of Engineering
AIChE Fellow	American Academy of Arts & Sciences
AIChE Service to Society Award	AIChE Founders Award
AIChE Van Antwerpen Award	AIChE William H. Walker Award
	AIChE Professional Progress Award



The Pioneers of Diversity

Dr. Luke E.K. Achemie Virginia Tech AIChE Fellow Chair, MAC (2004)	Dr. Thomas O. Mensah Georgia Aerospace Director, AIChE (1988-1990) AIChE Fellow
Dr. Lance R. Collins Cornell University AIChE Fellow	AIChE Foundation Trustee
Dr. Andre Da Costa Pacific Gas & Electric Treasurer AIChE (2011-2013) Director AIChE (2006-2007) AIChE Fellow	Dr. Timothy O. Odil Chevron Phillips Chemical AIChE Chair, MAC (2013) Past Chair, Societal Impact Operating Council
Dr. L. Antonio Estévez University of Puerto Rico, Mayagüez AIChE Fellow	Dr. Soni Olufemi Oyekan Prafts Energy Solutions Director AIChE (1999-2001) AIChE Fellow
Dr. Michael Harris Purdue University AIChE Fellow AIChE Foundation Trustee Chair, MAC (2008)	Chair, MAC (1998-1999) AIChE Foundation Trustee
Dr. Cato T. Laurencin University of Connecticut AIChE Fellow National Academy of Engineering Institute of Medicine, National Academy of Sciences	Dr. Tonya L. Peebles University of Iowa Chair MAC (2008)
Dr. Thomas Marrero University of Missouri (Retired) AIChE Fellow Past Chair, Societal Impact Operating Council	Dr. Victor G.J. Rodgers University of California, Riverside Chair MAC (1994-1997)
	Dr. Arnold F. Stancell Mobil Oil (Retired) AIChE Fellow AIChE Award in Chemical Engineering Practice National Academy of Engineering National Research Council

MAC Leadership 2015

Chair:	Isaac Gamwo	gamwoi@gmail.com
Chair-Elect:	Kathy Lee	kathylee30@comcast.net
Treasurer:	Maria Gencoglu	mftafur@mtu.edu
Secretary:	DeMarcus Hunter	demarcushunter@yahoo.com

Sub-committee Chairs

Scholarships:	Emmanuel Dada	emmanuel.Dada@ymail.com
Archive:	Rodney Dotson	r.dotson@cque.org
MFF:	Lance Collins	LC246@cornell.edu

MAC Business Meeting

Monday, Nov. 9, 4:30-6 pm

Hilton Salt Lake City Center, Grand Ballroom C

1. Meeting was called to order at 4:37pm
2. Announcements/Reminders/ Greetings to Pioneers were given by Isaac
3. Reception tonight for MAC@25. A must see event.
4. Please attend diversity inclusion summit. Will focus on concrete ways for AIChE to make a difference
5. Minutes from Spring meeting in Austin, TX were approved.
6. A welcome for our new interim treasurer Joe Howard. Official vote is in 2016. Welcome to Michael Chee-Awai who will be taking over publication of the MAC eNews.
7. Belinda Akpa been voted in as our new Chair-Elect
8. SIOC Update

MAC in 2020: What is your vision? All in support of the SIOC mission. Looking to put together committee to align MAC 2020 with SIOC long term plans. Looking to expand reach of what we think diversity is
9. Scholarship and Mentorship activities

Applications:

 - A. Incoming Freshmen (AA Female 9, AA Male 5, Hispanic Female 4, Hispanic Male 4, Pacific Islander Female 1, Multi Female 1)
 - B. College Students (AA Female 3, AA Male 4, Hispanic Female 2, African Male 1)
 - C. College Student Renewal (Native American 2, AA Male 1, Hispanic Female 2)

Reviewers: We have enough scholarship reviewers at present.

2015-2016: We will award 14 scholarships this year. Scholarship recipient demographics will be sent to Executive Committee. We need to grow our pool of applicants. Activity in place to reach out to Student Chapters (See new business).

Student's feedback: they want easier path to renew scholarship and the ability to present a resume book to prospective employers

New: MAC got a gift of \$5,000 for the South Texas local section chapter. First time a local section has directly given money to MAC. Developing new mentor program (See new business).

10. *Fundraising/Money Outlook Report/Endowment Update*

Endowment Update:

Endowment Steering Committee Members: Soni Oyekan, Otis Shelton, Christine Grant, Levi Thompson, Gilda Barabino, Pete Lederman (Staff Liaison)

Looking to raise \$300K on the next 3years. Fund just launched. YTD funds \$1,250

MAC futures fund: YTD \$2,650 (no fundraising campaign)

11. *Minority Faculty Forum*

30 people attended Sunday's MFF

Gilda Barabino is chair for MFF

Lola Eniola-Adefeso is chair elect

Agreed to meet at least once a year

Will use networking tool (sponsored by MAC) to meet more often

Will continue to be part of MAC

12. *Organization Chart*

Kathy Lee drew up the current org chart based on current structure that include also includes 3 new activities. The goal is to connect new people with more experienced members

Two new SubCommittees were proposed, an Advisory National Committee and an Awards and Recognition Committee. The by-laws will be researched to see if these structures already exist

Sheena Reeves has agreed to lead our HBCU /OMI / Minority-serving institutions programs.

Tagbo Niepa will work closely with Emmanuel Dada on a new Mentor Management project

Entrepreneurial workshop, in conjunction with new AIChE Center for Entrepreneurial Excellence, spearheaded by Kathy Lee, will include tactics, history and innovation on minority entrepreneurship.

13. *New Business - Proposed Activities for next year*

Entrepreneur Workshop

Student Chapter Outreach

Proposed new subcommittees

Mentor Management effort with South Texas Section

14. *Meeting was adjourned at 6:07 pm*

MAC Business Meeting Attendees

James Abel
Olasehinde Owoseni
Irvin W. Osborne-Lee
Belinda Akpa
Emmanuel Dada
Kryssia Diaz
Rafael Jimenez
Naima Ali
DeMarcus Hunter
Seyi Oduenyugbo
Cato Laurencin
Otis Shelton
Antonio Estevez
Christine Grant
Tagbo Niepa

Tim Odi
Kate Ziemer
Gilda Barabino
Richelle Thomas
Sipho Ndlela
Isaac Gamwo
Kenna Joseph Okeke
Adesoji Adesine
Kathy Lee
Lance Collins
Thomas Mensah
Akpojotor Shemi
Tonya Peeples
Michael Chee-Awai
Treniece Terry

AICHe
Statement of Revenue and Expenses
For the Nine Months Ending September 30, 2015

Minority Program 20-481

Acct	Description	2015 September Actuals	2015 Y-T-D Actuals
Revenue:			
40702	Contributions - Members	\$2,441.00	\$9,201.00
40703	Contributions - Corporate (Foundation)	0.00	2,000.00
40731	Foundation Transfers	0.00	71,800.00
	Total Revenue	2,441.00	83,001.00
Direct Expenses:			
52204	Delivery Service	0.00	369.55
52701	Postage - 1st Class	0.00	37.92
54109	Site Costs - Registration	0.00	137.15
55102	Internal Grant Transfers	(500.00)	0.00
55107	Grants	0.00	149.34
55115	Scholarships	0.00	1,000.00
	Total Expenses	(500.00)	1,693.96
	Net Income - Profit/(Loss)	2,941.00	81,307.04

Note: Foundation Transfers monies are to be spent in 2015
 \$50K Gala 2014 money for scholarships only
 \$21.8k from MAC@25 proposal grant

Rpt: Fnd - P&L

Date: 10/14/15