Daniel Kohn Secretary / Treasurer

**Executive Board Meeting**

March 30, 2014 – Mercer University – Macon GA

Preliminary Minutes

**Attendance**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Division or Unit** | **Position** | **Email Address** | **School** |
| Barbara Bernal | **SOFTWARE ENGINEERING DIVISION** | Secretary | [bbernal@spsu.edu](mailto:bbernal@spsu.edu) | Software Ed. + Support |
| | | **SECTION OFFICERS 2013-2014** | Proceedings Editor | [bbernal@spsu.edu](mailto:bbernal@spsu.edu) | Southern Polytechnic State University |
| Beth Todd | **K-12 DIVISION** | Chair: | btodd.eng@gmail.com | University of Alabama |
| Cecelia Wigal | **INDUSTRIAL ENGINEERING DIVISION** | Chair: | [cecelia-wigal@utc.edu](mailto:cecelia-wigal@utc.edu) | Univ of TN at Chattanooga |
| Claire McCullough | **ELECTRICAL ENGINEERING DIVISION** | Vice Chair: | [Claire-McCullough@utc.edu](mailto:zhaoxian.zhou@usm.edu) | University of Tennessee at Chattanooga |
| | | **PROFESSIONAL SKILLS** | Chair: | [Claire-McCullough@utc.edu](mailto:zhaoxian.zhou@usm.edu) | University of Tennessee at Chattanooga |
| Daniel Kohn | **SECTION OFFICERS 2013-2014** | Secretary-Treasurer | [dekohn@memphis.edu](mailto:dekohn@memphis.edu) | University of Memphis |
| David Domermith | **BIOENGINEERING DIVISION** | Chair: | domermuthdh@appstate.edu | Appalachian State University |
| | | **PUBLICATIONS AND PROMOTIONS** | Vice President | domermuthdh@appstate.edu | Appalachian State University |
| Donna Reese | **ADMINISTRATIVE DIVISION** | Chair: | [dreese@cse.msstate.edu](mailto:atin.sinha@asarams.edu) | Mississippi State University |
| | | **SOFTWARE ENGINEERING DIVISION** | Chair: | [dreese@cse.msstate.edu](mailto:dreese@cse.msstate.edu) | Mississippi State University |
| | | **PUBLICATIONS AND PROMOTIONS** | Vice Chair | [dreese@cse.msstate.edu](mailto:dreese@cse.msstate.edu) | Mississippi State University |
| Hodge Jenkins | **MECHANICAL ENGINEERING DIVISION** | Vice Chair: | [jenkins\_he@mercer.edu](mailto:wmunger@Southern.edu) | Mercer University |
| | | **PROGRAM UNIT** | Vice President | jenkins\_he@mercer.edu | Mercer University |
| | | **AWARDS AND RECOGNITION** | Vice President | jenkins\_he@mercer.edu | Mercer University |
| Jerry Newman | **PROGRAM UNIT** | Vice Chair | [jdnewman@memphis.edu](mailto:jdnewman@memphis.edu) | University of Memphis |
| | | **ENGINEERING TECHNOLOGY DIVISION** | Chair: | [jdnewman@memphis.edu](mailto:jdnewman@memphis.edu) | University of Memphis |
| John Brocato | **SECTION OFFICERS 2013-2014** | Campus Rep. Coordinator | [brocato@engr.msstate.edu](mailto:brocato@engr.msstate.edu) | Mississippi State University |
| Laura Moody | **INDUSTRIAL ENGINEERING DIVISION** | Vice Chair: | moody\_le@mercer.edu | Mercer University |
| Otsebele Nare | **PROFESSIONAL SKILLS** | Vice Chair: | otsebele.nare@hamptonu.edu | Hampton University |
| Paul Palazolo | **INSTRUCTIONAL DIVISION** | Vice Chair | [ppalazol@memphis.edu](mailto:ppalazol@memphis.edu) | University of Memphis |
| | | **AWARDS AND RECOGNITION** | Vice Chair | [ppalazol@memphis.edu](mailto:ppalazol@memphis.edu) | University of Memphis |
| Priscilla Hill | **SECTION OFFICERS 2013-2014** | President | [Phill@che.msstate.edu](mailto:atin.sinha@asarams.edu) | Mississippi State University |
| Scott Schultz | **INDUSTRIAL ENGINEERING DIVISION** | Secretary: | [schultz\_sr@mercer.edu](mailto:schultz_sr@mercer.edu) | Mercer University |
| Tanya Kunberger | **CIVIL ENGINEERING DIVISION** | Chair: | [tkunberg@fgcu.edu](mailto:tkunberg@fgcu.edu) | Florida Gulf Coast University |
| | | **PROGRAM UNIT** | Secretary | [tkunberg@fgcu.edu](mailto:tkunberg@fgcu.edu) | Florida Gulf Coast University |
| Tom Fallon | **PUBLICATIONS AND PROMOTIONS** | Secretary | [tfallon@spsu.edu](mailto:tfallon@spsu.edu) | Southern Polytechnic State Univ |
| Tulio Sulbaran | **SECTION OFFICERS 2013-2014** | President Elect | [Tulio.Sulbaran@usm.edu](mailto:Tulio.Sulbaran@usm.edu) | University of Southern Mississippi |
| Tyson Hall | **COMPUTER ENGINEERING & TECHNOLOGY DIVISION** | Secretary | [tyson@southern.edu](mailto:tyson@southern.edu) | Southern Adventist University |
| | | **SECTION OFFICERS 2013-2014** | Past President | [tyson@southern.edu](mailto:tkunberg@fgcu.edu) | Southern Adventist University |
| John Abbitt | **2015 Conference Site Coordinator** |  | [jda@ufl.edu](mailto:jda@ufl.edu) | University of Florida |

1. Call to order by Priscilla Hill at 3:09pm
2. Introductions
3. Approval of minutes of Fall Exec Meeting. Approved with corrections.
4. Due to an oversight, we failed to send out the proposed Constitution and Bylaws to the membership 30 days before the conference so we will be unable to vote on the changes discussed at our last meeting at this conference. This is an action item for spring 2015.
5. Treasurer’s report: There was an error in the amount of interest reported for the 3rd and 4th quarters of this year due to an accounting error (miscalculation of interest ie used 2% instead of 0.2%). Tulio pointed out that it is odd that there are NO institutional Dues in 3rd and 4th quarter.
6. Technical Sessions Summary Report

There were initially 128 abstracts submitted. After the paper review, 32 papers were withdrawn or rejected, leaving 96 papers being presented at the conference. Here is the breakdown by Division:

|  |  |
| --- | --- |
| **Division** | **2014 Count** |
| Administrative | 6 |
| Bioengineering | 6 |
| Chemical Engineering | 3 |
| Civil Engineering | 15 |
| Computer Engineering and Technology | 7 |
| Electrical Engineering | 4 |
| Engineering Design Graphics | 3 |
| Engineering Technology | 3 |
| Instructional | 21 |
| K-12 | 7 |
| Mechanical Engineering | 4 |
| Professional Skills | 7 |
| Research | 6 |
| Software Engineering | 3 |
| Industrial Engineering | 1 |
|  | 96 |

1. Host Site Report (Hodge Jenkins)
2. Proceedings Editor Report (BarbaraBernal). The 14 year history of papers does not fit on CD’s any more. DVD’s took longer than time allotted, so the disk only contains this year’s conference. We have 200 CD and/or DVD’s made for the conference, but suggests that next year we go to USB thumb drives since these can be copied faster than DVD’s.

There was also a discussion on the conference schedule (book) and the decision not to print abstracts or extended abstracts. Barbara reminded the board this decision was made, not as a cost cutting measure, but due to time constraints. There was a suggestion to add back in the regular abstract and remove the requirement of an extended abstract next year. Tyson thought Open Conf might be able to generate the abstract document, but needs to look into this further.

1. Nominating Committee Report (Tyson H) – Recommend Paul Palazola for President Elect.
2. Section Awards Report (Hodge J.) - No Tony Tillman Award nomination again this year. See Appendix for Award Winners
3. Future Conferences:

2015 Annual Meeting Plans (John Abbitt) –The 2015 ASEE SE Regional Conference will be held at the University of Florida, Sun Apr 12 – Tuesday April 14. No changes from what was reported at the fall Conference Planning Meeting.

Suggestion was made to try to get Internet connectivity included in the hotel contract.

2016 Annual Meeting Plans (University of Alabama) – Beth Todd has agreed to host this conference. The conference will be during the spring break and will be held on campus (dates TBA, but should be available at fall meeting).

Future Annual Meeting Sites (David Domermuth)

2017 – Embry-Riddle Aeronautical University

2018 – Auburn University

2019 – University of Memphis

Question on the Zone II Conference for 2017 possibly in Puerto Rico, instead of Individual Regional Conferences. If this occurs, the conference hosts would be moved back one year on the list.

1. Campus Rep Report (John Brocato) – 4 campus reps put up for campus rep award. (to be handed out later in the conference)
2. Newsletter Editor Report (Ken Brannan ) Needs for next newsletter – Article and pics of conference for 2015. President’s message and picture. 2015 call for papers (done). Highlights of conference from this year. Student Poster Session info from conference. List of officers for 2015.
3. Website – has been moved to national now for about a year. Need to look into reported issues with some historical conference proceedings .
4. The officer manual was updated (to include discussed changes at fall meeting), but link was pointing to old one…..now fixed.
5. Zone II Chair Report

Need to hold a vote at the Fall 2014 Executive meeting on the Zone II conference idea.

1. Old Business
2. Paul Palazola made a motion to change Tony Tilman Award to Tilman-Dion Service Award (motioned by Tyson H, 2nd Tulio). All Executive members passed the motion.
3. New Business
   1. Jerry Newman asked to modify the author instructions for papers (see Appendix). Barbara counter proposed that we use the National format so that the best paper does not have to be reformatted when submitted. General consensus is to let the next paper chair decide.
   2. OpenConf comments

Tyson – largest problems were the confirmation emails going into spam filters. We need to inform authors to ensure the email account used is listed as “Not Spam”.

Those in attendance agreed that OpenConf should be used in the future.

* 1. Historical ASEE-SE records (Dan K). All historical records (all 2 file boxes full) are being converted to pdf and made available online (<https://docs.asee-se.org/>). Since the paper records will no longer be needed the question was posed: Should the paper records be discarded. It was decided that, since some of the records might be of historical interest, we should contact national to see if they want for their archives.
  2. Suggestions for improving ways of supporting the section (Tulio)
* Advertise and promote
* The way we decide on what division a paper belongs in. Maybe going topical instead of division. Or partition instruction.
* Promote our regional conference proceedings and the prestige thereof (especially in matters of Tenure and Promotion)
* Possibly link campus rep to act as an advocate for the above.

1. Adjourn at 5:18.

**2014 ASEE-SE Awards**

**Outstanding New Teacher Award $250 Matthew Cooper**Dr. Matthew Cooper is a Teaching Assistant Professor in the Department of Chemical and Biomolecular Engineering at North Carolina State University. He received his B.S. in Chemical Engineering from West Virginia University and his MS and Ph.D. in Chemical Engineering from Ohio University. Dr. Cooper then served as a research engineer for RTI International in Raleigh, NC, focusing on the development of novel technologies for the energy sector. Several years later in 2011, Dr. Cooper joined the Department of Chemical and Biomolecular Engineering at North Carolina State University, where he currently teaches the Unit Operations laboratories sequence, Transport Phenomena, Material / Energy Balances, and Mathematical / Computational Methods. He is the recipient of a 2014 North Carolina State University Outstanding Teacher Award and the 2013 ASEE Chemical Engineering Division's Joseph J. Martin Award. He also serves as the ASEE Chemical Engineering Division’s newsletter editor. Dr. Cooper’s research interests include effective teaching, conceptual and inductive learning, integrating writing and speaking into the curriculum, and professional ethics.

**Outstanding Mid-Career Teaching Award $350 Dr. Priya Goeser**Dr. Priya Goeser received her B. Tech in Mechanical Engineering from the Indian Institute of Technology, Chennai in 1997 and her Ph.D. in Mechanical Engineering from the University of Delaware in 2001. After spending a couple of years working as a Research Associate in the Center for Composite Materials at the University of Delaware, she decided to pursue her passion: a career in full-time teaching. She joined the faculty at the Engineering Studies Program at Armstrong Atlantic State University, Savannah GA in Fall 2003 where she continues to enjoy her work with the students. While she is certainly known for her rigorous and strict classroom policies including ‘sleeping in class leads to being asked to leave the classroom’ students appreciate her dedication and genuine interest in their overall success.

**Outstanding Teaching Award $500 Dr. David A. Dampier**Dr. Dave Dampier is Professor of Computer Science and Engineering at Mississippi State University, where he has served since 2000. A member of the Academy of Distinguished Teachers for the Bagley College of Engineering, Dave Dampier was also the recipient of the ASEE-SE New Teacher Award in 2003. He currently serves as the Director of the Center for Computer Security Research at MSU and in that role he runs a very successful Cyber Corps: Scholarship for Service program with over 20 students on active scholarship in any given year. Additionally, he has been leading a very successful Cyber Girls program to increase the participation of women in cyber security. That program has seen an increase of women's participation from approximately 8% to nearly 50% in three years.

**Thomas C. Evans Instructional Paper Award $500 The Da Vinci Foundry Dr. Pedro Arce**The Da Vinci Foundry: A Powerful Learning and Thinking Systems to Develop the 21st Century Renaissance Engineer , by P. E. Arce, J. Biernacki, J. Pascal and J. R. Sanders.

Accepting the award is Dr. Pedro Arce. Dr. Arce is a Professor and Chair of the Department of Chemical Engineering at Tennessee Technological University in Cookeville. One if his colleagues, Dr. Karre , describes him as a “a dedicated, charismatic and innovative leader focused on student success”. Under his leadership, his department has experience a renaissance: increasing enrollment, program diversity, and retention. Dr. Arce’s innovations include a “Cabinet-Style Managerial-Leadership Model” that empowers faculty, staff and students, an internationally-recognized learning platform (Hi-PeLE) and a computational-mobile learning platform (MoLE-SI), among others. An accomplished engineering educator, Dr. Arce has published more than 120 peer-reviewed articles in journals, proceedings, and invited book chapters. He as directed more than 130 thesis projects in undergraduate research, master, doctoral, and postdoctoral levels; an important number of them with members of underrepresented classes. Dr. Arce has delivered more than 250 technical and educational presentations including workshops and numerous invited key-note/plenary lectures in the USA, Latin America and Europe. Because of his dedicated efforts to advance the Tennessee Technological University mission, he was named a “University Distinguished Faculty Fellow” in 2010. Dr. Arce has three degrees in chemical engineering, i.e. a Diploma (from the Universidad Nacional del Litoral, Santa Fe, Argentina), Master and PhD Degrees (Purdue University). Dr. Arce is proud of his long association with the ASEE-SE and feels much honored that the “Da Vinci Foundry” is the fourth paper that he co-authored that has been selected as a Thomas C. Evans Award. Congratulations!

**New Faculty Research 2ND Place Award $150 Dr. Islam El-adaway**Dr. Islam El-adaway is the Richard A. Rula Professor of Construction Engineering and Management and Assistant Professor of Civil and Environmental Engineering at Mississippi State University. He earned his Ph.D. in Civil Engineering from Iowa State University. Dr. El-adaway’s research interests investigate how an integrated approach, based on broad systems of environment interdependencies, can mitigate the management of infrastructure sustainability challenges. Dr. El-adaway’s educational interests include pedagogies to promote high-order-learning as related and applied to sustainability instruction. His research and educational activities resulted in publication of 50 peer-reviewed papers. Dr. El-adaway was also awarded a 2011 Young Faculty Research Award and a 2010 State Pride Faculty Award.

**New Faculty Research Award, $250 Dr. Treavor H. Boyer**Dr. Treavor Boyer is an Assistant Professor in the Environmental Engineering Sciences Department at the University of Florida. He joined UF in August 2008 after completing his Ph.D. in environmental engineering at the University of North Carolina at Chapel Hill. Dr. Boyer's research and teaching interests include environmental chemistry, environmental technology, and sustainability. Dr. Boyer is the recipient of a National Science Foundation CAREER Award and his research has been sponsored by federal agencies, state agencies, and private companies.