

Civil Engineering Division: General Membership Business Meeting

June 25, 2020; 5:00-6:00pm EST

1. Welcome and Call to Order C.J. Riley
 - 1.1. Approval of Agenda
 - 1.1.1. Unanimously approved
 - 1.2. Attendance Roster
2. Approval of 2019 General Membership Business Meeting minutes David Saftner
 - 2.1. Unanimous approval to suspend Robert's Rules for the online meeting
 - 2.2. No comments to last year's minutes
3. CE Division leadership C.J. Riley

Attachment 1: Division Leadership

Attachment 2: Division Organization Chart for upcoming year

 - 3.1. Review of attachments
 - 3.2. Elected officers for 2020-2021 C.J. Riley

| | | |
|---------------------------|-----------------------|--|
| Chair: | Steve Burian | |
| Vice Chair/Program Chair: | Matthew Lovell | |
| Secretary-Treasurer: | Dave Saftner | |
| Senior Director: | Tonya Nilsson | |
| Mid-Term Director: | Jennifer Retherford | |
| Freshman Director: | Mary Katherine Watson | |

Executive Board Appointments

| | | |
|--------------------|--------------|---------------------------------------|
| Newsletter Editor: | Decker Hains | <i>entering year 1 of 3-year term</i> |
| Historian: | Brock Barry | <i>entering year 1 of 5-year term</i> |
4. PIC I Report Christi Luks/Steve Burian
 - 4.1. ASEE Code of Conduct – available at ASEE website
 - 4.2. Attendees, papers, & authors up from last year, but down from expected
 - 4.3. Conference material available for a year so attendees can catch up
 - 4.4. PIC Reorganization
 - 4.4.1. PIC's had 3-15 Divisions – issues like PIC Best Paper weren't equitable
 - 4.4.2.6/29 dissolves current PIC, 6/30 new PIC assigned; CE moves from I to IV, breaking up "powerhouse" PIC containing traditional engineering disciplines; new organization system places like disciplines together to encourage collaboration
 - 4.5. Membership down 3% for individual membership, 0.7% for academic institutional membership, and 4% for non-academic institutional membership; budget down but could end in black with potential government grant; if grant comes through, plan to cut registration costs for Long Beach
 - 4.6. By-laws reviewed, diversity statement required in Division by-laws
 - 4.7. BASS account is only Division account now; 30% overhead to manage accounts, closely monitored to ensure it's the right number
 - 4.8. Monolith replaced after next year

- 4.9. JEE publishing special COVID edition
- 4.10. Best PIC papers announced, PIC III paper best overall
- 4.11. CE Division has modest growth in # of papers, consistent with usual trend in terms of # papers / # abstract; downward membership trend, consistent with larger divisions

- 5. ASEE Committee on Diversity, Equity, and Inclusion (CDEI) Frank Falcone / Rebecca Atadero
Attachment 4: Committee notes
 - 5.1. Review of attachment
 - 5.2. Volunteers encourage if any are interested in action items in Attachment 4
 - 5.3. Best paper for DEI & Division Constituent Awards available

- 6. ASEE P12 Committee Report Leslie Brunell
 - 6.1. Committee changing to Commission
 - 6.2. Looking for partners for Engineering for All (e4usa.umd.edu/about-us)
 - 6.3. New Facebook page – ASEE P12 Instructors and Parents
 - 6.4. Updated webpage (sites/asee.org/p-12committee)
 - 6.5. Teacher classroom grants are available (etpde.asee.org)
 - 6.6. P12 society awards are available, CE nominations?
 - 6.7. Mindy Zarske taking over as chair
 - 6.8. Request papers of P12 interest to have one tag (P12) to ease coordination

- 7. ASEE CE Division and related ASCE reports
 - 7.1. 2020 Conference Overview Steve Burian
 - 7.1.1. 112 abstracts, 80 draft papers, 65 approved, 62 presented
 - 7.1.2. 145 reviewers, 318 abstract reviews, 224 paper reviews
 - 7.1.3. 15 sessions, one distinguished lectured
 - 7.1.4. 24 moderators
 - 7.1.5. Recommend co-sponsors to Best in 5
 - 7.1.6. Chat, videos & live stream/call-in successful virtual adaptations worth considering for the future
 - 7.1.7. Only one diversity paper, recommend increasing recruitment
 - 7.2. Secretary-Treasurer report David Saftner
Attachment 5: Treasurer's report
 - 7.2.1. Scholarships this year rather than social events
 - 7.3. PIC I business meeting report Steve Burian
Attachment 3: Notes from Steve Burian
 - 7.3.1. Review of attachment
 - 7.4. ASCE Committee on Education report Matt Roberts/Andrea Welker
 - 7.4.1. Report on Education Summit has been published, want to revisit this more frequently moving forward (www.asce.org/education-summit/)
 - 7.4.2. Enhance DH engagement in education
 - 7.4.3. Take ExCEED to the next level through CFD efforts
 - 7.4.4. Promoting a culture of innovation in CE – COE subcommittee
 - 7.4.5. Walter LeFevre Award to CE Dept encouraging licensure, professionalism, etc. – want folks to apply
 - 7.4.6. ASCE ExCEED Teaching Workshops 2020 suspended for COVID, Community Exchange in August, followed by monthly sessions through fall, planned to be face-to-face in 2021 including ExCEED-PBL in Limerick, Ireland

- 7.4.7. Dept Head Conference (virtual) had 125 participants
 - 7.4.8. 109 programs evaluated by ASCE PEV's
 - 7.4.9. 2020 ExCEED Leadership Award – Camilla Saviz, P.E., Ph.D., F.ASCE
 - 7.4.10. 2020 ExCEED New Faculty Excellence in Teaching Award – Dong Zhao, Ph.D., M.ASCE
 - 7.4.11. 2020 Ridgway Award Winner – Western Kentucky University
 - 7.4.12. 43500 student members of ASCE, 381 ASCE Student Chapters (74 international)
 - 7.4.13. Andrea taking over, so please forward ideas to her or Leslie
8. Supporting and Special Committee Reports
- 8.1. Awards Committee Report Brock Barry
 - 8.1.1. Gerald R. Seeley Award: Dr. Benjamin Dymond from University of Minnesota, Duluth (Dave Saftner nominated)
 - 8.1.2. Stephen J. Ressler Best Paper Award: Sean L. Gestson, Shane A. Brown, Matthew S. Barner, Masoud G. Abadi, and David S. Hurwitz - Paper Title: *Factors Contributing to the Problem-Solving Heuristics of Civil Engineering Students*
 - 8.1.3. Glen L Martin Practitioner Service Award: Jon D. Nelson, PE, Dist.M.ASCE (Tom Lenox nominated)
 - 8.1.4. George K. Wadlin Distinguished Service Award: Matthew W. Roberts, P.E., Ph.D.
 - 8.1.5. Induction to ASCE Fellow: none
 - 8.1.6. Civil Engineering Emerging Leader Fellow: Tim Kennedy, PhD, PE, Abilene Christian University (Audra Morse nominated)
 - 8.1.7. Awards mailed this year for the virtual conference
 - 8.2. Nominating Committee Report Andrea Welker
 - 8.2.1. Solicited nominations for Freshman Director, Newsletter Editor, & ASCE Liaison
 - 8.3. By-law updates Matt Roberts
 - 8.3.1. No luncheon with the planning meeting anymore
 - 8.3.2. Deleted duplication in Secretary-Treasurer elect
 - 8.3.3. Updated 4 standing committees to 5
 - 8.3.4. Not asking standing committee chairs to facilitate, but rather participate in review process
 - 8.3.5. Unanimous approval of changes
 - 8.4. Membership Committee Report: Survey Report Tonya Nilsson
Attachment 6: Membership numbers
 - 8.4.1. Review of attachment
 - 8.4.2. While we're losing membership, % membership lost is less than peer divisions
 - 8.5. Newsletter Report Mary Katherine Watson
 - 8.5.1. Newsletters are on the ASCE website
 - 8.6. Historian's Report Brock Barry
 - 8.6.1. Moving from in-person to online quiz
 - 8.6.2. Thank you to Ron Welch for last 10 years of Historian service
 - 8.6.3. Quiz answers posted – winner = Tom Lennox, CJ Riley a close 2nd
9. Other business/discussion C.J. Riley
- 9.1. BASS Account Spending Plan
 - 9.1.1. Send CJ ideas for any spending ideas outside of the usual methods
 - 9.2. Website
 - 9.2.1. Standard practice is to use newsletters rather than website
 - 9.2.2. Difficult to maintain, but no place to maintain some items (i.e., Best in 5 videos)

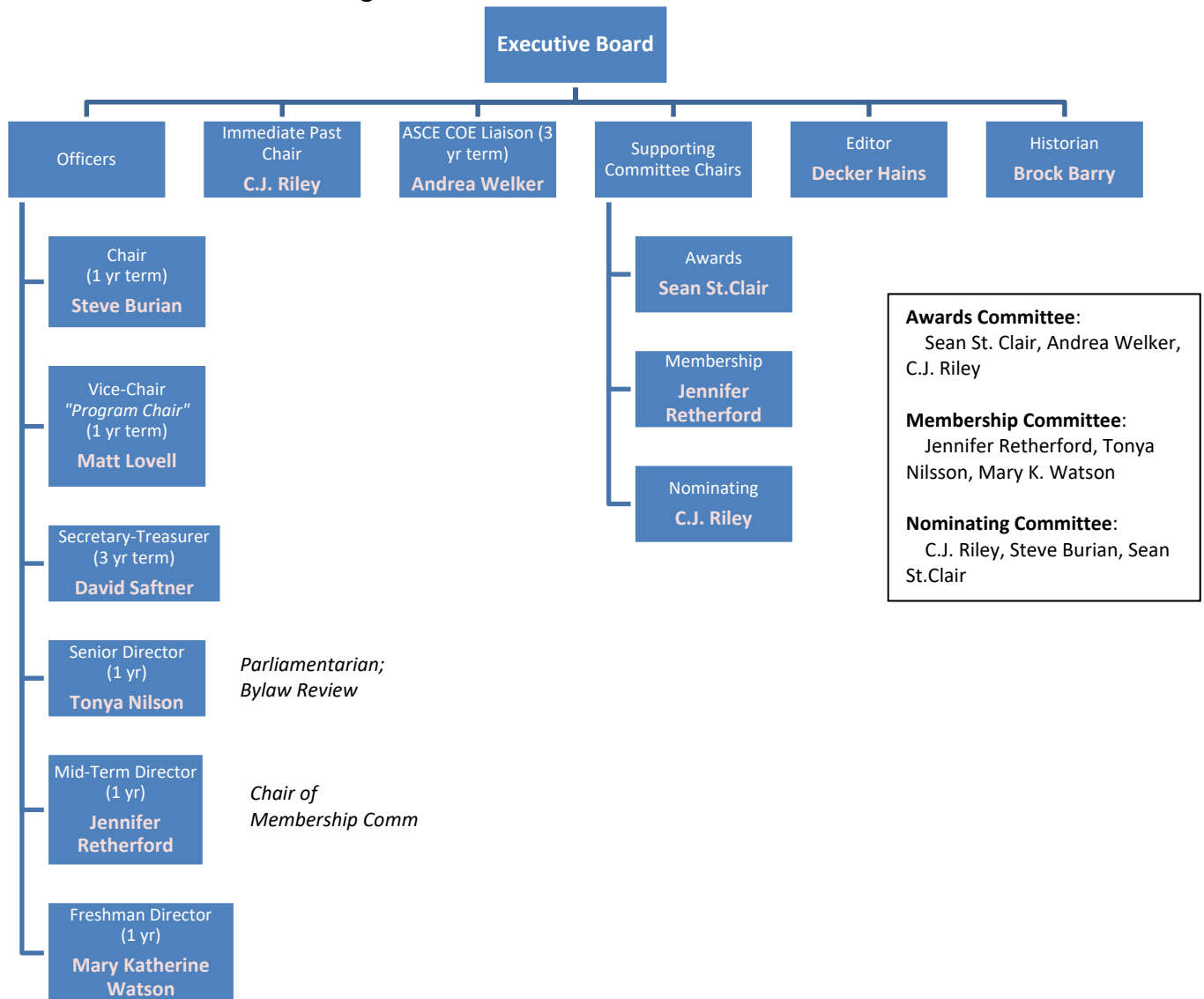
- 9.3. Suggestion to lower cost of Award Banquet to encourage higher attendance or combine with RAP session
- 9.4. Great work CJ & Steve transitioning the conference to virtual format!

10. Adjourn

Attachment 1: ASEE CE Division Leadership (June 2020 to June 2021)

| Position | 2014-2015 | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 |
|---|---|--|--|--|--|--|--|
| Immediate Past Chair | Matt Roberts | Yusuf Mehta | Kevin Hall | Brock E. Barry | Sean St. Clair | Andrea Welker | C.J. Riley |
| Chair | Yusuf Mehta | Kevin Hall | Brock E. Barry | Sean St. Clair | Andrea Welker | C. J. Riley | Steve Burian |
| Vice Chair & Program Chair | Kevin Hall | Brock E. Barry | Sean St. Clair | Andrea Welker | C. J. Riley | Steve Burian | Matthew Lovell |
| Senior Director | Brock E. Barry | Sean St. Clair | Andrea Welker | C. J. Riley | Steve Burian | Matthew Lovell | Tonya Nilsson |
| Mid-Term Director | Sean St. Clair | Andrea Welker | C.J. Riley | Steve Burian | Matthew Lovell | Tonya Nilsson | Jennifer Retherford |
| Freshman Director | Andrea Welker | C.J. Riley | Steve Burian | Matthew Lovell | Tonya Nilsson | Jennifer Retherford | Mary Katherine Watson |
| Sec/Treasurer | Steve Burian | Steve Burian | Tonya Nilsson | Tonya Nilsson | Dave Saftner | Dave Saftner | Dave Saftner |
| Newsletter Editor (Exec Appt: 3 yr) | C.J. Riley (3) | Matt Lovell (1) | Matt Lovell (2) | Mary Katherine Watson (1) | Mary Katherine Watson (2) | Mary Katherine Watson (3) | Decker Hains (1) |
| Historian (Exec Appt: 5 yr) | Ron Welch (4) | Ron Welch (5) | Ron Welch (1) | Ron Welch (2) | Ron Welch (3) | Ron Welch (4) | Brock Barry (1) |
| ASCE COE Liaison (Exec Appt; 3 yr) | Kevin Sutterer (1) | Kevin Sutterer (2) | Kevin Sutterer (3) | Matt Roberts (1) | Matt Roberts (2) | Matt Roberts (3) | Andrea Welker (1) |
| Educational Policy (+ Curriculum Dev.) | N/A | Ryan Fries Yusuf Mehta Jeffrey Evans | Andrea Welker Norm Dennis | Derek Williamson Norm Dennis | Scott Hamilton Rodolfo Valdes-Vasquez | Kevin Hall Scott Hamilton Norm Dennis Haritha Malladi | Anuja Kamat Sarah Christian Tonya Nilson |
| Effective Teaching | N/A | Mary Katherine Watson Matt Lovell Tonya Nilsson David Saftner | C. J. Riley Mary Katherine Watson David Saftner | Mary Katherine Watson David Saftner | Clifton Farnsworth Jim Kaklamanos Joel Lanning | Tonya Nilsson Dave Saftner Joel Lanning Brad Wambeke Laura Doyle | Anthony Battistini Brad Wambeke Mary Katherine Watson |
| Instructional Technology | N/A | Laura Doyle M.A. Karim | Matthew Sleep Steve Burian | Matthew Sleep Jenny Retherford | Doug Schmucker Matthew Sleep | Matt Lovell Erfan Goharian Tim Kennedy | Norm Dennis Monica Paloma Timothy Wood Haritha Malladi David Saftner |
| Professional Practice | N/A | Kyle Kershaw C.J. Riley | Kyle Kershaw Yusuf Mehta Jenny Retherford | Mohammad Moin Uddin Matthew Lovell | Norb DeLatte Claire Dancz Matt Lovell | Claire Dancz Yvette Pearson | Jakob Bruhl Rodolfo Valdes Paul Leidig Jenny Retherford |
| ASCE Liaison Committee | Tom Lenox Jim O'Brien | Tom Lenox Jim O'Brien | Tom Lenox Jim O'Brien Leslie Nolen Mark Kilgore | Tom Lenox Jim O'Brien | Tom Lenox Jim O'Brien Leslie Nolen | Tom Lenox Leslie Nolen | Tom Lenox Leslie Nolen |
| ASCE COE Liaison | | | | | Matt Roberts (1) | Matt Roberts (2) | Andrea Welker (1) |
| Awards | Shashi Nambisan (Chair) Asghar Bhatti Matt Roberts | Asghar Bhatti (Chair) Matt Roberts Yusuf Mehta | Matt Roberts (Chair) Yusuf Mehta Kevin Hall | Yusuf Mehta (Chair) Kevin Hall Brock E. Barry | Kevin Hall (Chair) Brock Barry Sean St.Clair | Brock Barry (Chair) Sean St.Clair Andrea Welker | Sean St.Clair (Chair) Andrea Welker C.J. Riley |
| Nominating | Matt Roberts (Chair) Asghar Bhatti Yusuf Mehta | Yusuf Mehta (Chair) Matt Roberts Kevin Hall | Kevin Hall (Chair) Brock E. Barry ... | Brock E. Barry (Chair) Sean St. Clair Kevin Hall | Sean St. Clair (Chair) Kevin Hall Andrea Welker | Andrea Welker (Chair) C.J. Riley Brock Barry | C.J. Riley (Chair) Steve Burian Sean St.Clair |
| Membership | Sean St. Clair (Chair) Brock E. Barry Andrea Welker | Andrea Welker (Chair) Sean St. Clair C.J. Riley | C.J. Riley (Chair) Andrea Welker Steve Burian | Steve Burian (Chair) C.J. Riley Matthew Lovell | Matthew Lovell (Chair) Steve Burian Tonya Nilson | Tonya Nilsson (Chair) Matthew Lovell Jenn. Retherford | Jenn. Retherford (Chair) Tonya Nilsson Mary K. Watson |

Attachment 2
DIVISION ADMINISTRATION
Organizational Chart 2020-2021



Awards Committee:

Three most recent past Division Chairs;
Committee Chair: Senior-most past Division Chair

Membership Committee:

Three elected Directors of the Division;
Committee Chair: Mid-Term Director of the Division

Nominating Committee:

Immediate past Division Chair; current Division Chair; an active Past Division Chair; Vice-Division-Chair-Elect (*ex officio*)
Committee Chair: Immediate past Division Chair

Attachment 3**PIC-1 Business Meeting****6-23-2020**

1. Conference facts:
 - a. 3263 attendees
 - b. 1762 papers – more than last year
2. PIC Reorganization
 - a. CE Division is moving to PIC IV (Beth Hollaway) with Arch, CE, Const, Env Eng, First Year, International, Military/Vet, Minorities, Pre-College, 2-Year, Women in Engineering
3. Monolith
 - a. Phase out starting July 2020
 - b. Monolith still used for July 2021 conference
 - c. July 2021 new paper management system for 2022 Annual Conference
4. BASS account – Chair will need to provide a spending plan
5. Web site – updates encouraged (shows CE Division updated in 2019), be sure link to ASEE is there
6. Christi Luks coming to meeting CE Division Business meeting; new PIC Chair (IV) is not scheduled to appear, but could be invited.
7. Electronic voting – anything done on Zoom is considered voting in-person

Attachment 4

ASEE Commission on Diversity, Equity & Inclusion

Added comments, Frank E. Falcone; A.P., P.E. D.WRE
Capt, USN (ret'd)
Director, Professional Development & Experiential Education
College of Engineering, VILLANOVA UNIVERSITY
June 22, 2020

For whatever reasons, our ASEE Commission on Diversity, Equity & Inclusion (D,E&I) still seems to be focused on committee structure, subcommittees and D,E&I presence at the ASEE National Conference. While these initiatives are important and essential, they are largely structural and should not dominate our overall program and goals.

What are our overall goals? Perhaps, I have not directed enough professional attention to this issue.my apologies. It just seems to me that we keep '*dancing around*' the DE&I issue without initiating any real effort to define or achieve our program goals.

Here's a suggested new **GOAL STATEMENT** for our collective future consideration.

The ASEE Diversity, Equity & Inclusion Commission exists to reinforce the basic belief that all individuals, regardless of race, color, religion, creed, national origins, sexual persuasion or political persuasion, deserve respect, to be treated with basic human dignity and the right to be heard openly and respectfully. Also, '**Diversity of Thought**' is essential and should be strongly encouraged throughout the academic engineering community.

What have we done to address the issues in this suggested GOAL STATEMENT? What have we done to identify '*real*' and '*systemic*' DE&I problems within the academic engineering community? And, what have we done to dispel potential 'DE&I Problems of Myth'?

Report on the ASEE Commission on Diversity, Equity and Inclusion

From the Civil Engineering Division Delegate, Becki Atadero

1. The Commission is active and has many opportunities for contributions
 - a. If you are interested in working with the commission as an individual subscribe to the mailing list [Here](#). The Commission will follow up after the conference to explain activities for the upcoming year and explain opportunities to help.
 - b. The Commission is also looking to form partnerships. If our division has ideas about specific activities to work on with the Commission we should contact the Partnerships Committee.
2. The Professional Development Committee of the Commission offers a lot of programming
 - a. Weekly summer workshops are posted [here](#). (Including recordings of past workshops)
 - b. For Program Chairs, the session on August 12th provides guidance for nominating papers for the Best Diversity, Equity and Inclusion Paper.
3. The Commission is in the final stages of approving a Constituent Award (not for individuals, but for divisions, special interest groups, zones, committees, etc.)
 - a. The award is presented for activities over the past five years.
 - b. A [description of the award and rubric](#) for evaluation are now available.

Attachment 5
Treasurer's Report (through 2020)

| | 10/1/2015 - 9/30/2016 | | 10/1/2016 - 9/30/2017 | | 10/1/2017 - 9/30/2018 | | 10/1/2018 - 9/30/2019 | | 10/1/2019 - 3/31/2020 |
|--------------------------------|-----------------------|-----------------|-----------------------|-----------------|-----------------------|-----------------|-----------------------|-----------------|---------------------------------|
| | 207 Bass | 307 CE Div. | 207 Bass | 307 CE Div. | 207 Bass | 307 CE Div. | 207 Bass | 307 CE Div. | 207 Bass (no more 307 accounts) |
| Beginning Balance | | | | | | | | | |
| 30000 Fund balance | \$8,956.74 | \$593.00 | \$10,982.91 | \$563.00 | \$7,417.96 | \$568.00 | \$4,912.08 | \$521.00 | \$9,003.26 |
| Total Beginning Balance | \$8,956.74 | \$593.00 | \$10,982.91 | \$563.00 | \$7,417.96 | \$568.00 | \$4,912.08 | \$521.00 | \$9,003.26 |
| | | | | | | | | | |
| Revenue | | | | | | | | | |
| 43010 Field Unit Dues | \$2,200.00 | | \$2,440.00 | | \$2,115.00 | | \$2,220.00 | | \$1,204.00 |
| 43020 Field Unit Contributions | \$500.00 | | \$500.00 | | \$500.00 | | \$6,845.64 | | \$519 |
| 43030 Field Unit Other Revenue | \$6,501.60 | | \$5.01 | | \$7.12 | | \$44.72 | | \$37.79 |
| Total Revenue | \$9,201.60 | | \$2,945.01 | | \$2,622.12 | | \$9,110.36 | | \$1,760.79 |
| | | | | | | | | | |
| Expenses | | | | | | | | | |
| 71110 Plaques/cert/medals | \$500.00 | | \$721.11 | | \$479.67 | | | | |
| 73060 Expenses | \$5,865.43 | | \$5,056.85 | | \$4,013.83 | | \$3,190.49 | | |
| 89016 Bass Admin Fee | \$810.00 | | \$732.00 | | \$634.50 | | \$1,828.69 | | \$361.20 |
| Total Expenses | \$7,175.43 | | \$6,509.96 | | \$5,128.00 | | \$5,019.18 | | \$361.20 |
| | | | | | | | | | |
| Ending Balance | \$10,982.91 | \$593.00 | \$7,417.96 | \$563.00 | \$4,912.08 | \$568.00 | \$9,003.26 | \$521.00 | \$10,422.30 |

Attachment 6

Membership numbers

Membership peaked for most PIC I divisions in 2008 and has been steadily declining. Figures 1 and Table 1 represent CE Division membership numbers since 2000 and a comparison to membership counts for the overall PIC I and comparable divisions. Normalized membership data is provided in Figure 2 for a direct comparison.

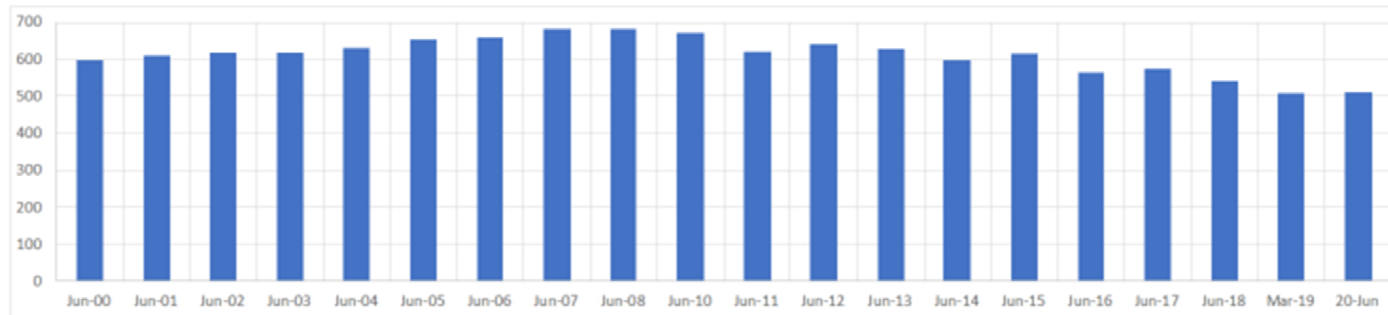


Figure 1: Civil Engineering Division annual membership since the year 2000. Membership peaked in 2008.

Table 1: Membership counts for the entire PIC I and selected PIC I Divisions since the year 2008.

| Membership Counts | Jun-00 | Jun-01 | Jun-02 | Jun-03 | Jun-04 | Jun-05 | Jun-06 | Jun-07 | Jun-08 | Jun-10 | Jun-11 | Jun-12 | Jun-13 | Jun-14 | Jun-15 | Jun-16 | Jun-17 | Jun-18 | Mar-19 | 20-Jun |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Construction Engineering (PIC I) | 126 | 129 | 143 | 140 | 149 | 166 | 162 | 174 | 183 | 165 | 159 | 176 | 173 | 153 | 158 | 139 | 135 | 124 | 119 | 136 |
| Architectural Engineering (PIC I) | 230 | 248 | 248 | 259 | 254 | 290 | 321 | 344 | 360 | 363 | 303 | 295 | 279 | 261 | 278 | 251 | 237 | 237 | 241 | 218 |
| Mechanical Engineering (PIC I) | 964 | 964 | 970 | 994 | 1033 | 1044 | 1042 | 1047 | 999 | 1000 | 931 | 962 | 984 | 959 | 950 | 863 | 816 | 821 | 793 | 731 |
| Civil Engineering (PIC I) | 598 | 612 | 617 | 617 | 632 | 654 | 658 | 679 | 680 | 670 | 621 | 641 | 628 | 596 | 614 | 563 | 573 | 540 | 510 | 512 |
| Total PIC I Members | 5654 | 5714 | 5679 | 5576 | 5604 | 5641 | 5607 | 5690 | 5609 | 5412 | 4957 | 5110 | 5071 | 4927 | 4862 | 4451 | 4310 | 4204 | 4061 | 3987 |

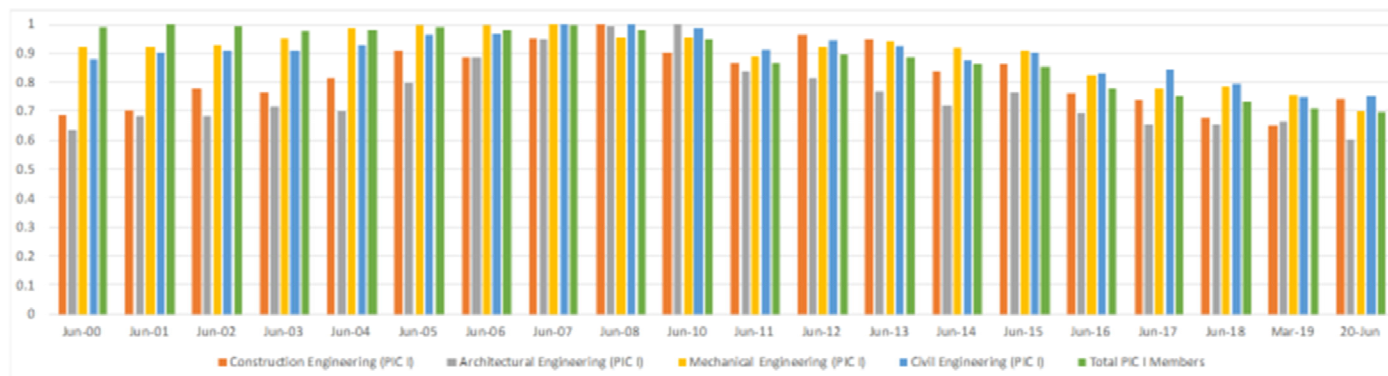


Figure 2: Membership numbers from Table 1 normalized by the corresponding peak membership to allow direct comparison of percent of membership loss.