

# Quad City Engineering and Science Council (QCESC)



## August 20, 2008 Meeting Minutes

1. The meeting convened at 5:00 PM at the Deere & Co. ADV Office, 6805 74<sup>th</sup> Ave., Milan, IL.
2. Attendees:

Pat Barnes	IEEE	<a href="mailto:BarnesPatrickO@johndeere.com">BarnesPatrickO@johndeere.com</a>
Scott Bullock	SAME	<a href="mailto:Scott.a.bullock@usace.army.mil">Scott.a.bullock@usace.army.mil</a>
Richard Dale	ASSE	<a href="mailto:richard.dale@us.army.mil">richard.dale@us.army.mil</a>
Craig Gehrels	AIHA	<a href="mailto:Craig.d.gehrels@us.army.mil">Craig.d.gehrels@us.army.mil</a>
Julie Haronik	AITP	<a href="mailto:julie@choosethechief.com">julie@choosethechief.com</a>
Chris Hebel	ANS	<a href="mailto:chrishebel57@yahoo.com">chrishebel57@yahoo.com</a>
John Johnson	IEEE	<a href="mailto:j.johnson@ieee.org">j.johnson@ieee.org</a>
Dell Jensen	Sigma Xi	<a href="mailto:delljensen@augustana.edu">delljensen@augustana.edu</a>
Brad Keleher	SAE	<a href="mailto:keleherdanielb@johndeere.com">keleherdanielb@johndeere.com</a>
Barry Murcie	ASM	<a href="mailto:BTMurchieQET@yahoo.com">BTMurchieQET@yahoo.com</a>
Richard Riessen	SME	<a href="mailto:richard.riessen@raymondcorp.com">richard.riessen@raymondcorp.com</a>
Tom Richmond	SAVE Int'l	<a href="mailto:mdrichmond@mchsi.com">mdrichmond@mchsi.com</a>
3. President Pat Barnes opened the meeting by introducing himself and asking each attendee to introduce him/herself. Pat provided copies of the meeting agenda, July 29 meeting minutes, and a President's Summary Report for QCESC for 2007-2008.
4. Pat reviewed the Council's activities over the past year noting in particular the partnering with the Putnam Museum in Bridge Building, Parachute and Catapult construction, and Invention Convention. Also noted were coordinating the QCESC Presidents' Reception with ASM's Hockey Night, recognizing support from and partnerships established with various organizations and companies, QCESC support to the many youth initiatives listed in the President's Summary Report cited above, and opportunities for improvement.
5. Treasurer Chris Hebel advised that the Council's monetary balance was \$2,683.17 which included a \$678.14 CD. An audit of the council's financial records will be conducted in the next two or three weeks.
6. Pat asked if there were any society updates/planned events.
  - a. **Sigma Xi** will co-sponsor (with ACS, Augustana Geology Dept) a special lecture by Dr Pat Megonigal from Smithsonian Environmental Research Center. The November 20 lecture will be open to the public at 7:30 PM in Olin Auditorium at Augustana College. Further details will be coming.
  - b. **IEEE** is looking for a speaker in one of it's monthly meetings for the next two months. They are looking having a tour of the Ethanol plan in Burlington that was canceled last Spring because of the flood. They will provide a workshop on Oct. 7 (8:00 AM - 5:00 PM) at the Radisson Hotel, Davenport, on Arc Flash Hazard Analysis. Fees are \$100.00 for IEEE members and \$150.00 for non-members. A link to the workshop is on the QCESC calendar of events.

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- c. **SME** is sponsoring a bus trip to the to IMTS (The International Manufacturing Technology Show) 2008 which runs from September 8-13 in Chicago.
  - d. **SAE** has a joint meeting with ASME in Ames at Iowa State University on September 29 and using as an opportunity to encourage students to joint SAE.
  - e. **ASM** meets every two months and also hosts an annual materials camp in June for high school juniors and seniors. In addition, they annually sponsor Hockey Night which will be held on October 29, 2008 and a golf outlining which will be held on May 18, 2009.
7. Combining E-Week Banquet with Henry Farnam Dinner on February 20, 2009. The matter was discussed at length and the conferees agreed that it was a good idea but that particulars must be worked out. A QCESC rep should attend Henry Farnam Dinner planning meetings and consider inviting Henry Farnam Committee to participate on QCESC on-going. A meeting has been scheduled between the QCESC Executive Board and a representative from the Henry Farnam Dinner Committee on September 10.
  8. Science, Technology, Engineering, and Math (STEM) activities seeking volunteer support from the QCESC for the remainder of 2008 and 2009 were discussed including:
    - a. Tom Richmond, who is on the planning/organizing committee for the Rivermont Academic Invitational, described the event (April 22 and 23, 2009) and encouraged attendees and their society members to provide support.
    - b. Pat Barnes described Project Lead The Way and reviewed Council support.
    - c. Scott Bullock and Pat Barnes commented on the second annual Bridge Building Contest at the Putnam Museum and reminded attendees that considerable volunteer support from the QCESC will be needed based on the number of participants anticipated. Kim Findlay, Putnam CEO, will be contacted for an event date and scope of QCESC support needed. We look to the Putnam for publicity and school contact.
  9. Next meeting. The QCESC will meet on Sep. 17 at the Butterworth Center, 1105 8<sup>th</sup> St., Moline, at 5:00 PM.

**Attachment:** QCESC President's Report for 2007-2008

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August 19, 2008

## President's Summary Report for QCESC for 2007-2008

### Recap of Highlights from 2007-2008

- a) Full Set of Officers with Addition of Scott Bullock as President-Elect
- b) 26Oct07 - President's Reception with ASM Hockey Night @ iWireless Center - Johnny's Italian Steakhouse ~ 50% of active societies in attendance. Overview on QCESC presented.
- c) Partnered with Putnam Museum on Leonardo Da Vinci exhibit and four events:
  - i) 12Jan08 - Parachute Workshop with 14 people
  - ii) 26Jan08 - Battle of the Bridges – 19 teams with 70 participates.
  - iii) 3Feb08 - Invention Convention with 14 participates
  - iv) 16Feb08 - Catapult Contest with 11 participates on 4 teams

Note: Included support from the following organizations and companies

Ashton Engineering	Augustana College	Elliott Aviation	Hy-Vee
Iowa National Guard	Iowa State University - Eng. College	PCT Inc.	Putnam Museum
Quad City Safety	Quad City Times	Russell Construction	St. Ambrose Univ.
Trissel Graham & Toole, Inc.	University of Iowa – Eng. College	S.J. Smith	

- d) 17Jan08 – QCESC Overview at ASCE Lunch Meeting
- e) 30Jan08- QCESC provided judges for Invent Iowa Convention for Bettendorf Community Schools
- f) 19Feb08 – Arranged speaker for St. Ambrose "Girls' Night Out - The Road to Engineering"
- g) 21Feb08 - 46<sup>th</sup> Annual E-Week Banquet held at Putnam Museum with \$3,000 scholarship and five other awards (Jr & Senior Scientist and Engineer and Lifetime Achievement) with ~ 140 people in attendance.
- h) 23Feb08 - QCESC provided judges for Invent Iowa Convention for Iowa Quad Cities Regional at Bettendorf Family Museum
- i) 6Mar08 – QCESC Joined the Project Lead the Way Advisory Council and attended regular meetings including providing an overview on QCESC

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- j) 11Mar08 – Arranged speakers for St. Ambrose Exploring Engineering Careers
- k) 25Mar08 – Overview on QCESC at ASABE Awards Night Meeting
- l) 4Apr08 – Parachute Contest at Sherrard Elementary School, 4<sup>th</sup> Graders
- m) 17Apr08 – QCESC provided judges for Rivermount Collegiate Academic Invitational for 5th-8th Grades
- n) 3May08- Presentation on Careers in Electrical and Computing Engineering at Scott Community College Rocket Car Class
- o) 12May08 – Golf Outing at Pinnacle Golf and Country Club in Milan with ASM.
- p) 17May08 – QCESC provided judge for Scott Community College Rocket Car Competition
- q) 28May08 – Project Lead The Way (PLTW) Overview at QCESC monthly meeting
- r) 29May08 - Joined and attended Advisory Council for St. Ambrose/Eastern Iowa Community College District National Science Foundation Grant Supporting STEM (Science, Technology, Engineering, and Math)
- s) 4Jun08 – QCESC provided judges for St. Ambrose CO2 Dragster Competition
- t) 19Jun08 – QCESC sponsored bridge building contest for Univ. of Illinois Extension Science Camp for 4<sup>th</sup>-6<sup>th</sup> Graders

### Key Partnerships Established:

- Putnam Museum
- St. Ambrose University
- Eastern Iowa Community College District/Scott Community College
- University of Iowa Engineering College
- Iowa State University Engineering College
- Rivermount Academic Invitational
- University of Illinois Extension, Rock Island County
- Project Lead The Way (PLTW), Davenport Schools

### Opportunities for Improvement

- 1) Increase participation by member societies

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- 2) Improve finances to support more activities
- 3) Continue to ramp-up support for STEM related activities
- 4) Improve communications with member societies, their members, and the local communities on engineering, science, and the QCESC.

Sincerely,

Patrick O. Barnes  
QCESC President 2007-2008

**Quad City Engineering and Science Council (QCESC)**

