

Quad City Engineering and Science Council (QCESC)



August 19, 2009 QCESC Meeting Agenda
Introductions and Confirm Agenda – Pat Barnes (5 minutes)

Present	Confirmed	Name	Organization/Position	E-mail Address
X	Yes	Pat Barnes	QCESC President, Webmaster, PLTW Rep.	BarnesPatrickO@JohnDeere.com
		Scott Bullock	QCESC President-Elect	Scott.A.Bullock@mvr02.usace.army.mil
X	Yes	Tom Richmond	QCESC Secretary, RIA Rep.	mdrichmond@mchsi.com
X	Yes	Chris Hebel	QCESC Treasurer/Dir, Scholarship Chair	treasurer@qcesc.org
		Michael Tarpey	QCESC Dir II	Michael.J.Tarpey@mvr02.usace.army.mil
		Charles Luther	QCESC Dir. Emeritus	None
X	Yes	Mary Daniels	QCESC Speakers Bureau	mdaniels@tgt-insurance.com
		Audra Sostarecz	ACS	asostarecz@monm.edu
		Dean L. Hiebert	AFE	dhiebert@shive-hattery.com
X	Yes	Craig D. Gehrels	AIHA	craig.d.gehrels@conus.army.mil
X	Yes	Julie Haronik	AITP	jharonik@bhsb.com
X	Yes	Jeff Melvin	ANS	Jeff.Melvin@exeloncorp.com
		???	APICS	TBD
		Mark Bowers	ASABE	BowersMarkD@JohnDeere.com
X	No	Greg Shuger	ASCE	gshuger@hrgreen.com
	Yes	Mike Helm	ASCE	HelmsMichael@stanleygroup.com
		Andrew Price	ASHRAE	PriceAndrew@stanleygroup.com
		Mike Graham	ASME	michael.graham@alcoa.com
X	Yes	Barry Murchie	ASM	btmurchieget@yahoo.com
	No	Brian Rossmiller	ASPE	brossmiller@estesconstruction.com
	No	Terry Simmons	ASQ	Terry.Simmons@noaa.gov
	Yes	Richard Dale	ASSE	Richard.dale@us.army.mil
		Jesse Borcher	CSI	jborcher@kingsmaterial.com
		Mike Kaas	FPS	mkaas@ifpusa.com
	Yes	James White	IEEE	WhiteJamesW@JohnDeere.com
		John Johnson	IEEE	JohnsonJohnD@JohnDeere.com
	No	Roy Quinn ???	IIE	rquinn@olysteel.com
	Yes	Marinaccio Kendra	NAWIC	k.marinaccio@landgroup.biz
X	No	Steve Mapley	NDIA	Mapley1@mchsi.com
		Scott Kammerman	NSPE	ScottK@missman.com
X	Yes	Brad Keleher	SAE	KeleherDanielB@JohnDeere.com
X	Yes	Scott Bullock	SAME	Scott.A.Bullock@mvr02.usace.army.mil
X	Yes	Brad Palmer	SAME	Bradley.D.Palmer@usace.army.mil
		Tom Richmond	SAVE	mdrichmond@mchsi.com
		TBA	SHPE	
X	Yes	Tom Yang	Sigma Xi	YangTom@sau.edu
X	Yes	Riessen Richard	SME	richard.riessen@raymondcorp.com
X		Julie Fisher	SWE	Julie.L.Fisher@usace.army.mil
Guests/Others:				
X	Yes	Grace Johnson	QC Grad Center	
		17	Total Expected	

- Red text indicates changes or new participates
- Names with strikethrough text indicate people who ahead of the meeting indicated they could not attend.

Quad City Engineering and Science Council (QCESC)

2. Introduction of members/guests:

Pat Barnes had attendees introduce themselves and provided all with hard copies of meeting agenda. Reference the attached slides in PDF format for the content without notes from the meeting.

[Link to Meeting Slides \(Full size\)](#)

3. Minutes of previous meeting.

The minutes of the previous meeting were approved without change.

4. Treasurer's Report. Chris Hebel,

Council Treasurer, advised that at the end of FY2008, total Council assets/funds were \$2,967.67 - now they total \$6,167.28.

5. Plans for future QCESC meetings.

Future meetings of the QCESC at the Augustana College site will require that the Council pay a fee. Other sites are being considered including Trissel, Graham, & Toole and Western Illinois University's Engineering building in downtown Moline.

6. Society Updates.

- a. SAE. Brad Keleher stated that SAE typically has four meetings per year: Quad Cities, Waterloo, Ames, and Dubuque.
- b. IEEE. John Johnson stated that it will inaugurate a student chapter at St. Ambrose U. this Fall.
- c. SME. Richard Riessen reported that SME will host a golf outing on Sep 17 at Glynn's Creek Golf Course.
- d. ASM. Barry Murchie reminded attendees that the QCESC will partner again with ASM to host the ASM Hockey Night/QCESC Presidents' Reception at Johnny's Italian Steakhouse and I-Wireless Center on Oct. 30. Cost will be in the \$18-\$20 range. Barry would like suggestions for a speaker.

7. Miscellaneous.

Mary Daniels suggested that all societies have their meeting and other important data on the Council's website. She also suggested that the Council establish a student reporter at one of the local colleges.

8. Next Meeting

Next meeting will be on Wednesday, September 16 at 5:00 PM at WIU - Caxton Building - 1701 River Drive, Moline, IL (East Side of Building - 1st Floor)

QCESC Monthly Meeting

<http://www.qcesc.org>

August 19, 2009

Expected Attendees:

Present	Confirmed	Name	Organization	Home Address
	Yes	Pat Barnes	QCESC President	bbarnes@qci.com
		Scott Bullock	Westminster, IL, TV, Rep.	Scott.A.Bullock@usace.army.mil
	Yes	Tom Richmond	QCESC Secretary	tomrichmond@qci.com
	Yes	Chris Hebel	QCESC Treasurer/Dir, Scheduling Chair	chhebel@qci.com
		Michael Tappay	QCESC Dir II	Michael.J.Tappay@usace.army.mil
		Chadler Luther	QCESC Dir Emeritus	None
	Yes	Mary Daniels	QCESC Speakers Bureau	mdaniels@tgi-insurance.com
		Audra Szostak	ACS	aszostak@msvm.edu
	Yes	Dean L. Theibert	AFS	dtheibert@usace.army.mil
	Yes	Craig D. Gabels	AHA	craig.d.gabels@usace.army.mil
	Yes	Julie Harok	ATFE	harok@qci.com
	Yes	Jeff Meun	ANS	jeff.meun@eatoncorp.com
	Yes	???	APICS	TRD
	No	Mark Bowers	ASABE	BowersMarkD@JohnDeere.com
	No	Greg Strager	ASCE	strager@usace.army.mil
	Yes	Mike Heath	ASCE	HeathMike@stambygroup.com
		Andrew Hink	ASABE	Andrew.Hink@usace.army.mil
		Mike Graham	ASABE	Mike.Graham@usace.army.mil
	Yes	Barry Murchie	ASAM	barrymurchie@yahoo.com
	No	Blair Bonnell	ASPE	bonnell@usace.army.mil
	No	Terry Simmons	ASQ	Terry.Simmons@usace.army.mil
	Yes	Richard Dale	ASCE	rdale@usace.army.mil
		Jesse Borchert	CS	borchert@knapmarrall.com
		Mike Kops	EPS	mkops@usace.army.mil
		James White	EEF	James.White@usace.army.mil
	Yes	John Johnson	EEF	johnjohnson@qci.com
	No	Rich Johnson	EEF	richjohnson@qci.com
	RE	Marionette Kandra	ENR/IC	M.Kandra@usace.army.mil
	No	Steve Macley	NUA	Steve.Macley@usace.army.mil
		Scott Kammann	NSPE	Scott.Kammann@usace.army.mil
	Yes	Scott Kessler	NSPE	Scott.Kessler@usace.army.mil
QCESC		Scott Bullock	QCESC President Elect	Scott.A.Bullock@usace.army.mil
QCESC		Tom Richmond	SAVE	tomrichmond@usace.army.mil
		TBA	SBPE	
	Yes	Tom Yang	Sigma Xi	tomyang@usace.army.mil
	Yes	Reuben Richard	SME	reuben.richard@usace.army.mil
		John Fisher	SME	John.Fisher@usace.army.mil
Guests/Other:				
	Yes	Grace Johnson	QC Grad Center	
	Yes	Total Expected		

Agenda – Pat 5:00 – 5:05 PM

- Introductions and Confirm Agenda - Pat
- Review and Approve Minutes – Tom
- Treasurer's Report – Chris
- Plans for Future QCESC Meetings – Pat
- Recap of Summer Activities – Pat/Jeff
- Society Updates - All
- Status and Plans – New QCESC Officers – Pat
- Discuss and Brainstorm Goals and Plans for 2009-2010 – All
- Suggested Agenda Items for September 16 QCESC Meeting

Secretary and Treasurers Reports 5:05 – 5:10 PM

- Review and Approve Minutes from June 17 Meeting – Tom Richmond
- Treasurer's Report – Chris Hebel

Plans for Future QCESC Meetings 5:10 – 5:15 PM - Pat

- Traditionally Held 3rd Wednesday at 5:00 – August thru June
- Last Year Moved from Butterworth To Augustana and Added Support for Calls for Most Meetings and Availability of SMART Technology (Data Projectors, Mark-up Tools, etc.)
- For 2009-2010 - Augustana's Policy Has Changed and Will Have to Start Charging for Future Meetings
- 2009-2010 Schedule Loaded on website

Plans for Future QCESC Meetings 5:10 – 5:15 PM – Pat (Cont'd)

- Open Discussion Options:
 - Confirm Requirements:
 - Data Projector
 - Open Access (Badges or Security Access Not Required)
 - Support Teleconference with local call, prefer high quality phone present if possible (Polycom)
 - Seat 15 – 20 People
 - Available 5:00 PM or Other Agreed Time
 - Central, easy access near key roadway
 - Options for Meeting Type:
 - Face to Face or Face to Face and Teleconference or Teleconference
 - If Face to Face, Potential Locations
 - Western Illinois
 - St. Ambrose
 - Bettendorf or Moline Library (fee)
 - John Deere Facility (not open access)
 - AEA – Bettendorf
 - Other Ideas
 - Next Steps

Recap of Summer Activities - 5:15 – 5:40 PM – Pat/Jeff

- June 22 – Participation in STEM Strategy Meeting at Iowa State Capital – Pat
- July 2 – University of Illinois, Rock Island Extension Science Camp – Steve
- July 7 – ROE – Summer Institute for Teachers Academy – Steve/Terry (plus 2 Deere and 1 KJWW Engineers)
- July 13-17 – Davenport School Engineering Summer Camp – Jeff
- August 3 & 4 – [Engineering Kids Camp at Putnam with ISU – Steve/Tom/Dave/Pat/...](#)

Society Updates - Calendar 5:40 – 5:50 PM – All



QCESC Calendar of Events

Date/Time	Description	Location	Contact
August 2009			
August 19, 2009 5:00 PM	QCESC Monthly Meeting - Everyone is welcome to attend.	Augustana College, Emmy Carlson Evald Hall Room 120 3601 7th Ave. Rock Island, Illinois	Pat Barnes Ph. 563-344-1169
August 21, 2009 8:30 AM Shotgun	SAME - 13th Annual Scholarship Fund Golf Outing Link to Further Details	Geneva Golf and Country Club Muscatine, Iowa	Heather Croas Ph. 309-794-6735 Register by August 7
August 22, 2009	SAME - Outreach with ASCE - Xstream Cabling 2009		
August 24, 2009 5:30 - 7:30 PM	AITE - Kickoff Networking and Informational Event - Free Appetizers - Network with Other IT Professionals and Learn More About AITE Link to Further Details	Open Range 3400 State Street Bettendorf, Iowa	RVSP to: jule@choosethechief.com
August 28, 2009 7:00 AM Check in 9:00 Shotgun	ASSE - Annual Golf Outing - four person teams Link to further details	Springbrook Country Club 2771 224th Street DeWitt, Iowa	Mike Doucette Ph. 563-629-0659

September 2009

September 10, 2009 11:30 AM	SAME - Monthly Meeting	QC Botanical Center Rock Island, Illinois	Dean Cerny
September 10, 2009	AIHA - IAHL Section - Professional Development Conference - "If I'm Teaching, Why Aren't They Learning?" Speaker: Jonathan Klane, Klane's Education Information Training Hub, LLC	TBD	Paul Hokanson
September 17, 2009 8:30 AM - 3:00 PM	Mississippi Bend Area Education Agency (AEA) - "Choices, Changes & Challenges: Meeting the Needs of 21st Century Students" - Featuring Tony Wagner, Co-Director of Change Leadership Group at Harvard Graduate College and Author Link to One Page Flyer	Waterfront Conf. Center 2021 State Street Bettendorf, Iowa 52722	Link to Registration or Call Donna Brase @ 563-344-6481
September 22, 2008 6:00 PM	ACS - "How do I find a job?" - Managing the Job Market Speaker: Warren V. Bush	Loras College Dubuque, Iowa	Dr. Mary Ellen Biorini Ph. 309-762-6114

Iowa **CORE Curriculum** Mississippi Bend Area Education Agency

CHOICES, CHANGES & CHALLENGES: MEETING THE NEEDS OF 21ST CENTURY STUDENTS

Mississippi Bend Area Education Agency is pleased to invite Iowa Core Curriculum district and building leadership teams and community members to a 2009/10 school year kickoff event featuring Tony Wagner, Change Leadership Group. Dr. Wagner will discuss the need to address the global achievement gap by providing students with 21st Century Skills.

WHEN: SEPTEMBER 17, 2009

WHERE: WATERFRONT CONFERENCE CENTER

2021 STATE STREET
BETTENDORF, IOWA 52722
Parking is available off Grant Street on the east side of the Waterfront Conference Center

TIME: 8:30 AM – 3:00 PM

TARGETED AUDIENCE: Administrators, Iowa Core Curriculum District/Building Leadership Teams, School Board Members, Central Office Staff, Teacher Librarians, Teachers, Technology Specialists, School Counselors, Learning Supports Staff, Parents, Community Members

REGISTER ONLINE AT: <http://www.solutionwhere.com/embaea/cw/main.asp> or contact Donna Brase at 563-344-6481

FEES: \$40 (includes print materials, continental breakfast and lunch)



Tony Wagner has served as Co-Director of the Change Leadership Group at the Harvard Graduate School of Education and is on the faculty of the Executive Leadership Program for Educators, a joint initiative of Harvard's Graduate School of Education, Business School, and Kennedy School of Government. Tony consults with schools, districts, and foundations nationally and internationally and has served as Senior Advisor to the Bill & Melinda Gates Foundation. Tony Wagner's latest book is *The Global Achievement Gap: Why Even Our Best Schools Don't Teach The New Survival Skills Our Children Need - And What We Can Do About It*.

FOR MORE INFORMATION CONTACT:
Cindy Swanson, cswanson@aeo912.iaweb.org, Barb Brunken, lbrunken@aeo912.iaweb.org, Amy Wickham, awickham@aeo912.iaweb.org
Phone: 563-330-1071

The Mississippi Bend Area Education Agency does not discriminate on the basis of race, color, creed, gender, ancestry, marital status, sex, sexual orientation, national origin, age or disability.
In its educational programs, services or educational activities, training concerning the following: race, national origin, sex, sexual orientation, age or disability, it does not discriminate on the basis of race, national origin, sex, sexual orientation, age or disability.
Institutional address: 1040 S. State Street, Bettendorf, IA 52722 Phone: 563-344-6481

Society Updates - 5:40 – 5:50 PM – All

Potential Discussion Items by Society:

- Key Activities Plans for 2009-2010
 - Date
 - Location
- Opportunities/Interest in Partnering with Other Societies on Meeting
- Key Challenges/Goals
- Other Items?

QCESC Officer and Committees - 5:50 – 5:55 PM – Pat

Officers:

- President, Scott Bullock (- Oct09)
- **President Elect – TBD**
- Treasurer, Chris Hebel
- Secretary, Tom Richmond
- Director I, Pat Barnes
- Director II, Chris Hebel
- Exec. Dir Emeritus, Charles Luther

Committees/Chairs:

- Award Chair, David Smith
- – **Committee to be announced**
- Student Activities, Steve Mapley
- Scholarship Chair, Chris Hebel
- Webmaster, Pat Barnes
- **Publicity/PR/Public Relations - ???**
- **E-Week Banquet Committee - ???**
- **Bridge Building Contest - ???**
- **Silent Auction – Mary Daniels**
- **Nominating Committee - ???**
- **Collaboration Project Team - ???**

Brainstorm and Discuss Goals and Potential Plans for 2009-2010 – All (5:55 – 6:10 PM)

- Recap for 2008-2009 – Pat
- Tentative Schedule for New Year Events – Pat
- Brainstorm Ideas and Potential Plans - All

QCESC 2008-2009 Key Highlights

- **Much Improved Financial Position & Re-certification of non-profit status with IRS**
– ~\$6,167 (Aug09) vs. \$2,583 (Aug08)
- **Improve Attendance and Involvement:**
– QCESC Monthly Meetings Attendance
Goal 12 - Actual 11.2 (8 previous year)
– President's Reception Attendance
Goal 70% - Actual 28 total with 67% (14 / 21) active societies)
– E-Week Banquet Attendance
Goal 200 - Actual (-129/272)
- **Significantly Increased Support for Student Related Activities Including Eng. Camp for Younger Kids**
– **20 Student/Teacher Events in 2008-2009**
- **First Time Funding of \$5K in Scholarships by Iowa State and Univ of Iowa**
- **All Officer Positions Occupied**
- **Start of Improved Collaboration with Local Schools Through AEA and ROE Along with Iowa Math & Science Education Partnership (IMSEP)**

June – October 2008

- **Started Year with Full State of Officers – Pat Barnes Continued as President in light of Flooding and Scott Bullock's Work Commitments.**
- **June 18** – Bridge Building at Univ of Illinois Extension Science Camp – Big Island/Milan
- **July 29** – [Meeting with Putnam on 2008-2009 Partnership Plans](#)
- **August 20** – [QCESC Monthly Meeting](#) (12 people attend)
- **September 4** – Project Lead The Way (PLTW) Advisory Council Meeting
- **September 10** – QCESC Goals Planning Meeting with Board – Initial Discussion with Henry Farnum Committee
- **September 17** – [QCESC Monthly Meeting](#) (11 people attend)
- **September 23** – PLTW Summer Camp Sub-Committee
- **September 29** – Provide Support Letter to St. Ambrose/Scott Community College for NSF Grant
- **October 2** – Project Lead The Way (PLTW) Advisory Council Meeting
- **October 14** – Exploring Engineering Night – St. Ambrose
- **October 15** – [QCESC Monthly Meeting](#) (10 people attended)
- **October 29** – [President's Reception](#) / Hockey Night (28 attended from QCESC represented 67% (14 / 21) active societies
- **October 31** – [Overview on IS Explorers Program](#) (Thomas Stewart)

November 2008 – January 2009

- **November 6** – Project Lead The Way (PLTW) Advisory Council Meeting
- **November 19** – [QCESC Monthly Meeting](#) (11 people attend) – Meetings moved to Augustana College
- **December 15** – Meeting with Engineering Colleges - ISU & Iowa – Climate Change Workshop & PLTW Summer Camp – Ideas – Putnam/Davenport Schools
- **December 17** – [QCESC Monthly Meeting](#) (11 people attend) – Meetings moved to Augustana College
- **January 8** – Project Lead The Way (PLTW) Advisory Council Meeting
- **January 17** – Technical Judge – FIRST Lego League – Iowa State Championship
- **January 21** – Review with ASABE on Potential Comedy Event – Fall 2009
- **January 21** – [QCESC Monthly Meeting](#) (10 people attend)

February – March 2009

- **February 4** – [QCESC Monthly Meeting](#) (16 people attend) with Scholarship Selection Following Meeting
- **February 5** – Project Lead The Way (PLTW) Advisory Council Meeting
- **February 7** – [2nd Annual Battle of the Bridge Building Contest – Putnam – 65 participates, 20 teams with \\$3K in scholarship from Univ of Iowa. Eng. College](#)
- **February 9** – Meeting with Blackhawk College – Potential Engineering Teen Camp
- **February 18** – [QCESC Monthly Meeting](#) (??people attend/ Teleconference)
- **February 20** – [47th Annual National Engineers Week Banquet with Henry Farnum Dinner – Radisson, Davenport](#)
- **February 21** – Provided Judges for QC Invent Iowa Regional Convention - Bettendorf
- **February 26** – PLTW Summer Camp Sub-Committee
- **March 5** – Project Lead The Way (PLTW) Advisory Council Meeting
- **March 14** – Provided Judges for Mousetrap Car Regional Competition - Davenport
- **March 18** – [QCESC Monthly Meeting](#) (9 people attended)
- **March 12** – Meeting with ISU – Summer Camp and FIRST Lego League Options

April 2009

- **April 2** – Reinstatement as Non-Profit Statue – 501(c)-(3)
- **April 2** – Project Lead The Way (PLTW) Advisory Council Meeting
- **April 4** – [Boy Scouts Engineering Day at Rock Island Arsenal Clock Tower Complex](#)
- **April 7** – Discussion with Univ of Illinois on Working Together
- **April 7** – Exploring Engineering Night – St. Ambrose
- **April 14** – Scott Community College STEM Career Day with 175+ students
- **April 16** – Univ of Illinois Extension, – 4H Tech Club - Spaghetti Challenge
- **April 17** – [2nd Annual Trebuchet Egg Throw Competition – Eastern Iowa Teams – Bettendorf High School](#)
- **April 19** – Girl Scout Badge Event on Engineering at St. Ambrose sponsored by Society of Women Engineers
- **April 22 & 23** – 2nd Annual Rivermont Academic Invitational with 300 students in 5th-8th Grade
- **April 30** – Special QCESC Meeting on Improving Collaboration with local schools with AEA and ROE

May – June 2009

- **May 5** – Career Day Presentations – Sherrard, IL 5& 6th Graders
- **May 6** – Judging - St. Ambrose 3rd Annual OO2 Dragster Competition
- **May 7** – Davenport Schools Project Lead the Way Advisory Council
- **May 18** – Provided Support Letter for ROE Grant Request
- **May 21** – Project Lead the Way (PLTW) Symposium – Univ of Iowa
- **May 21** – [Presentation at AEA Regional Meeting with Iowa Math & Science Education Partnership \(IMSEP\) – Partnerships](#)
- **June 16** – Meeting With ROE and Western Illinois University Professors – STEM Speakers for Teacher Academy
- **June 22** – Participation in STEM Strategy Meeting at Iowa State Capital
- **July 2** – [University of Illinois Rock Island County Extension Science Camp](#)
- **July 7** – ROE – Panel Discussion at Summer Institute for Teachers Academy
- **July 13-17** – Davenport School Engineering Summer Camp
- **August 3 & 4** – [Engineering Kids Camp at Putnam with ISU](#)

Key **Potential** Events – 2009-2010

- Launch and Support – First Lego League Teams by October 2009
- October 30 - President's Reception/Hockey Night with ASM
– **Get Approval to Proceed – Fund One Person per Society plus 1 drink**
- November - First Lego League (FLL) Regional ???
- ??? - Engineering Comedy Event with ASABE
- 3rd Annual Bridge Building Contest with Celebrity and QCESC Teams?
– **1st Choices (Jan 16, 23, 30 or Feb. 20) – 2nd Choice Feb 13 (event next day)**
- Feb 19 – National Engineers Week Banquet (February 14-20, 2010)
– **Tenative, Friday – Feb. 19 ???**
- April ??? – 3rd Annual Trebuchet Contest
- May 24 – Annual Golf Classic with ASM
- June ?? – 2nd Annual Engineering Kids Camp

Target for Next 60 Days

- **Complete Audit of Finances & Establish Budget for 2009-2010**
- **Finalize QCESC 2009-2010 Officers, Chairs, and Committees – includes:**
 - Publicity / Branding / PR
- **Support New FIRST Lego League Teams in Quad City Region by:**
 - Line Up Coaches and Mentors
 - Line Up Funding
 - Line Up Student Teams
 - Work on Setting Up Regional if Enough Teams
- **Finalize President's Reception and Send Invitation to Society President's Updating Officer List Including QCESC Rep.**
- **Send Out Support and Funding Request**
- **Develop Package for Meeting with Schools, Societies and other Community Groups on QCESC with Updated Collaboration Tools.**
 - Setup Follow-up with AEA and ROE to Review and Next Steps with Schools
 - Replace/refresh current website, add secured database to manage key contacts and relationships including volunteers
 - Establish Facebook presence
 - Add STEM Page and links to past events and pictures
 - Establish speakers/program resources

Wrap-up / Next Meeting

- Wednesday, September 16 at 5:00 PM
- Location to Be Determined
- Agenda Items?