

New York CyberSecurity and Engineering Technology Association
Minutes of the spring 2016 Meeting
April 13-15, 2016 at SUNY Buffalo State

The conference opened with a breakfast buffet dinner at the conference hotel (Salvatore's) or breakfast at Buffalo State at the Butler Library, 2nd floor library. A list of attendees is attached to the minutes.

The following exhibitors and patrons participated and helped support the conference: **Allegheny Educational Systems, USDidactic, LUCAS-NUELLE, E-Stem Solutions, Joe Zahra Associates, Empire Technical Training and HITech, Inc.**

Dr. Katherine Conway-Turner, President of Buffalo State welcomed everyone.

The plenary speaker was Shawn Thompson, Director of Manufacturing Engineering at PCB Piezotronics. Mr. Thompson spoke of the need for engineering technology students in current manufacturing businesses.

Following the plenary session, various sessions were presented in-see attached.

- Track 1: Electrical/Computer ("Apps to Increase Productivity"; one session was cancelled)
- Track 2: Educational Technologies ("Creating and Using Planetariums for STEM Learning", "A Constructivist Approach to Teaching a Graduate-Level Research Methods Course", and "Educational Television Production in STEM Teacher Education").
- Track 3: Civil Manufacturing ("Conservation Education-Enhancing Communities through Restoration", "Four Pillars and Proposed B.S. Manufacturing Engineering Technology Program at Buffalo State", and "A Survey of Suspension Bridges within the United States and Canada").

Interest group meetings were held after the technical sessions. A private tour of the Richardson Olmsted Complex was given by docent Mark Voisinet from 5-6 pm.

The evening banquet was held Thursday night at the hotel conference. The speaker was Ms. Michele Roth, Business Development Manager for Birdair, Inc. "From Idea to Icon: Designing and Building with Tensile Architecture".

The breakfast business meeting on Friday morning was also held at the conference hotel. The CETNYS roundtable summary of various institutions was held from prior to 9:15; summaries will be posted in future newsletters or on the NYSETA website.

The business meeting was called to order at 9:26 am by President John Campbell. John thanked everyone at Buffalo State for hosting the conference.

There was discussion about continuing to host NYSETA conferences twice per year. Hosting every 6 years is reasonable for most schools but there are not 12 schools that are capable of hosting the conferences; many schools are small and only a few people are available to coordinate them. If we combine our spring conference with ASEE (St. Lawrence section) then we could still hold a NYSETA conference every fall. NYSETA will pilot a spring 2017 conference with the St. Lawrence Section of ASEE.

Fall 2016	Cayuga Community College (with the Executive Board's help)
Spring 2017	Joint meeting with ASEE (University of Buffalo) as trial
Fall 2017	Corning CC
Spring 2018	Potential joint meeting with ASEE depending on spring 2017 feedback
Fall 2018	SUNY Poly

Officer elections were held at the spring 2016 conference. John Stratton will be stepping down as vice-president. The following board members were unanimously elected. Tony Hotchkiss from Buffalo State coordinated the election.

President.....	John Campbell, Cayuga CC
Vice-President.....	Mark Voisinet, Niagara CCC
Secretary.....	Jayne Baran, SUNY Poly
Treasurer.....	Fred Schoenfeld, Nassau CC
Communications Officer.....	Bill Darling, HVCC
MAL (to replace M. Voisinet).....	Jikai Du, Buffalo State

Steve Ciccarelli (Electrical and Computer) and Slade Gellin (Mechanical) summarized the interest group sessions. See attached minutes for the electrical interest group.

NYSETA Student Scholarships (Jon Balke)

Three students were awarded \$350 NYSETA scholarships:

- (1) Stacy Duink - Architectural Technology - Alfred State
- (2) Christopher Dunkle - Electrical Engineering Technology - Vermont Tech
- (3) Denise Dublin - Electrical Engineering Technology - Nassau CC

Seamless Transfer Issue Discussion

Considerable discussion was held on SUNY's seamless transfer. Community colleges are fulfilling two roles since some students go to work after obtaining their associates degree and some are transferring to four-year institutions. There are difficulties to an agreement of courses that will transfer. Representatives from various colleges have been working on this electronically; however, most were in agreement that meetings need to be held in person.

The following motion was made by J. Campbell, seconded by S. Gellin and approved unanimously by NYSETA members (with the exception of one nay vote):

NYSETA and CET will take a lead on seamless transfer and request that SUNY postpone the final decisions on seamless transfer until fall 2016. The fall 2016 NYSETA conference will be used as a meeting place for discussion and resolution.

John Campbell and Bill Darling agree to meet with SUNY Central for discussion.

Modify NYSETA name

NYSETA's name was modified to "New York Cyber Security and Engineering Technology Association" by a unanimous vote.

The meeting was adjourned at 9:26 am

Respectfully submitted by Jayne Baran, Secretary of NYSETA

Attachment:**New York Cyber Security and Engineering Technology Association Conference Spring 2016 - Attendees**

Abdallah	Mohammed	SUNY Polytechnic Institute
Balke	Jon	Corning Community College
Banerjee	Sarbani	CIS Department, Buffalo State
Baran	Jayne	SUNY Polytechnic Institute
Bastian	Bonnie	RIT
Baysal	Mehmet	Morrisville State College
Beiter	Karen	RIT
Boeck	Frank	NCCC - retiree
Campbell	John	Cayuga Community College
Carlson	Joy	Alfred State College
Carmina	Steve	Carmina Wood Morris, DPC - speaker
Cicarelli	Steven	RIT - ECTET
Cochran	Timothy	Alfred State College
Crowell	David	Lucas-Nuelle, Inc. - patron
Darling	William	Hudson Valley Community College
Davis	Edward	Queensborough Community College
Devgun	Mohan	Buffalo State
Du	Jikai	Buffalo State
Gareau	Stephen	CIS Department, Buffalo State
Gellin	Slade	Chair, NYSETA Committee for Buffalo State
Goldberg	Stephanie	Buffalo State
Gottermeier	Linda	RIT
Grinberg	Ilya	Buffalo State
Guo	Ruth	Buffalo State
Hotchkiss	Anthony	Buffalo State
Koontz	Paul	HI Tech Inc. - exhibitor
Krispinsky	Dave	RIT - ECTET - retiree
Kukulka	David	Buffalo State
Lawrence	David	RIT
Link	Robert	Allegheny Educational Systems, Inc. - exhibitor
Longwell	John	Corning Community College, STEM
Mallory	James	RIT
Mayrose	Jim	Dean, The School of the Professions
Nager	Michael	FESTO
Nelan	Shane	Empire Technical Training Systems - exhibitor
Oliver	Mark	Monroe Community College
Purizhansky	Edward	Buffalo State
Quinn	Brenda	Educational STEM Solutions - exhibitor
Rezk	Mohamed	SUNY Polytechnic Institute
Riley	Jack	Finger Lakes Community College
Roth	Michele	Birdair, Inc. - banquet speaker
Scheel	Oliver	U.S. Didactic, Inc. - patron
Shea	Jim	Buffalo State
Tezak	Edward	Alfred State College
Thompson	Shawn	PCB Piezontronics
Voisinet	Mark	Niagara County Community College
Weaver	Mike	Jamestown Community College
Zahra	Joe	Joe Zahra Associates LLC - exhibitor

ATTACHMENT (Electrical Group Notes)

EIG Mtg 04/14/2016 (Steve Ciccarelli Chairing/Reporting)

Thanks to the Buff State folks for a great conference (Slade and company)!

Breakfast/Registration

- Went well, smiles all round (friendly reg ppl)

Exhibits

- Lean this conference but having “patrons” was very helpful in bringing in \$\$, thank you!

Plenary

- Excellent message and delivery
 - Ilya to put Shawn Thompson in touch with ASEE re: Eng Tech marketing
- QUESTION – Previous conference at ALFRED (John Williams?), change eng tech to be on par with engineering with respect to federal government contracts? Any updates?
- We would like his presentation please

Session - Apps

- Well received, helps us “speak the language” of our students

Session – Planetarium for STEM Learning

- Only a few attendees, due to late start the presentation was cut short
- Informative and interesting tour of the temporary planetarium at Buff State
- Geared toward K-12, more non-traditional/innovative uses would have been helpful (likely in the presentation)

Session – Constructivist Approach to Teaching a Blended Writing Course

- Only 1 attendee (conflict with Ilya’s student projects)
- Interesting conversation and information on collaborative teaching techniques in writing and constructivist vs traditional teaching

Session – Student Projects in Power

- Some interesting projects with real world applications
- Excellent documentation (process, peer review, metrics), great for ABET and continuous improvement

Session – Suspension Bridges in the US and Canada

- Very good presentation and interest
- Covered 85 bridges and a bit too fast paced, suggest less is more approach next time

Discussion - Topics for fall?

- Roundtable on lab topics
 - Could do topic specific for instance per conference (pick one and try it, could be a standing kind of thing, example – making short videos on different measurements and using QR codes, TI educational resource kits for \$57, etc)
 - Electronic communications
 - DC and AC Labs
 - Microcontrollers
 - Sensor networks
 - Overall or smartgrid
- Power
 - Power Efficient Design (like cancelled talk)
 - Green energy
 - Smart grid