



STEM: Summer Institute 2018 Theme:
INNOVATE TO INTEGRATE
CULTIVATING TOMORROW'S
PROBLEM SOLVERS

NYS STEM EDUCATION COLLABORATIVE
SAVE THE DATES! JULY 29 - JULY 31, 2018
Alfred State-SUNY College of Technology

- Now accepting Presentations and/or Posters that address various learning levels K thru 20
- Nominations are open for the Margaret Ashida STEM Leadership Award in K-12 / Higher Ed / STEM Workforce Categories
- Attendees can gain 15 CTLE Professional Development Hours
- Online Registration & Housing: Opens April 14, 2018

Go to: <http://www.nysstemeducation.org/>

Conference Co-Chairs: Craig Clark, PE, PhD clarkcr@alfredstate.edu
Gwendolyn Maturo-Grasso gmaturo@syr.edu



Student Leadership Center



SCIENCE

S



TECHNOLOGY & ENGINEERING

T



NYSSPE
ENGINEERING

E



MATHEMATICS

M



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PLENARY PANELISTS: MONDAY, JULY 30, 2018, MORNING

FACILITATOR :

Dr. Mark Vaughn Manager Technical Talent Pipeline & Lead for STEM Technology at Corning Inc.

PANELISTS :

Dr. Donna DeSiato Superintendent of East Syracuse-Minoa CSD, Chairperson for the Central New York STEM HUB

Ms. Ellen Falk AMTNYS STEM Committee and Instructor for Endeavor STEM Teaching Certificate Project New York State

Mr. Shawn Hricko Assistant Chief Engineer for Cummins Inc., a Manufacturer of Diesel Engines, Jamestown, New York

Mr. Robert Sherburne STEM Academy Principal, Greater Southern Tier BOCES

Mr. Jeffrey Stevens Interim Dean, School of Applied Technology at Alfred State

Ms. Karen Woodruff Program Director Endeavor STEM Teaching Certificate Project

KEYNOTERS 2018

Dr. Don Duggan Haas Director of Teacher Programming, Paleontological Research Institution. He has served on the New York State Science Leadership Team for the NGSS and as Chair of the Geological Society of America's Geoscience Education Division.
MONDAY, JULY 30, 11:00 A.M.

Mr. John Kent Vice President, Worldwide Program Management at Global Foundries, a full-service semiconductor design, development, fabrication and innovation company. He is a Senior Member of the American Institute of Chemical Engineering and of the IEEE (Electrical Engineers).
MONDAY, JULY 30, EVENING BANQUET

Dr. Clint Ballinger The Founder and CEO of several high tech companies, most notably, SelfArray and Evident Technologies. He has launched products in multiple market verticals from LEDs to biotech to military to energy. Dr. Ballinger holds a PhD in Nuclear Engineering.
TUESDAY, JULY 31, 11:00 A.M.

STEM HUB ROUND TABLE & SHOWCASE: SUNDAY, JULY 29, 2018, AFTERNOON & EVENING

STEM HUB leaders, from across the state, are invited to come and share their stories, Sunday afternoon, during a round table discussion. A reserved section of our poster session will be set up, Sunday evening, to provide an opportunity for STEM HUBS to share success stories/endeavors and future goals.