



SENCER CENTER FOR INNOVATIONS – MID ATLANTIC  
 “SENCER Regional Conference”  
 October 16, 2015  
 New York City College of Technology – City University of New York

## PROGRAM

9:00 am	<i>Registration, Breakfast, Networking</i>	A632
9:30	<b>Greetings: Associate Provost Pamela Brown, Professor Urmi Ghosh-Dastidar</b>	A632
9:45	<b>SENCER Update: Monica Devanas</b>	A632
10:00	<b>"Challenges of the 21st Century" Dr. Eugene Fiorini Truman Koehler Professor of Mathematics, Muhlenberg College</b>	A632
11:00	<i>Break, Program continues in Room N119</i>	
11:15	<b>“Brownfield Action and the Creation of the STEM Workforce with Women Underrepresented in the Sciences”</b> Peter Bower, Environmental Science, Barnard College, Columbia University	N119
11:30	<b>“Interactive Higher Education Instruction to Advance STEM Instruction in the Environmental Sciences – the SENCER Model Brownfield Action”</b> Joseph Liddicoat and Peter Bower, Environmental Science Barnard College, Columbia University	N119
11:45	<b>“Calculus without Limits: A Visual Approach to the Rules of Calculus”</b> Andrew Grossfield, Mathematics, Vaughn College	N119
12:00 noon	<b>“SENCER Approach in Human Anatomy and Physiology Courses: Contextualizing Physiology through a Student-Driven Inquiry into Food-Related Social Issues”</b> Anna Rozenboym, Biology, Kingsborough Community College	N119
12:15 pm	<i>Posters, Networking, Luncheon</i>	N119
1:15	<b>"When There is No College Reading"</b> Davida S. Smyth, Biology, Mercy College Juanita But, English, New York City College of Technology	N119
1:30	<b>“Thinking Green: Improving Student Learning and Environmental Awareness”</b> Eugene Galperin, Mathematics, East Stroudsburg University	N119
1:45	<b>“Cross-Disciplinary Infusion of Quantitative Reasoning (QR) Across CUNY Schools”</b> Heidi Bertels, Management, College of Staten Island Lee Boyar, Business and Technology, LaGuardia Community College Maria Cipriani, English, John Jay College Rebecca Farmer Huselid, Psychology, Hunter College Janet Michello, Social Science, LaGuardia Community College Brandi Rima, Social Science, Bronx Community College Andrew Sidman, Political Science, John Jay College	N119

2:00	<b>“Informal Science Learning and Science Classroom Teacher Identity”</b> Jennifer D. Adams, Science Education and Earth and Environmental Science Brooklyn College and The Graduate Center, CUNY	N119
2:15	<b>“Oral Cancer Screening as Civic Engagement: An Interdisciplinary Approach”</b> Laina Karthikeyan and Gwen Cohen Brown, New York City College of Technology	N119
2:30	<i>Posters, Networking, Break</i>	N119
3:00	<b>“Use of Computer Algebra System for Classroom Demonstration”</b> Tanvir Prince, Mathematics, Hostos Community College	N119
3:15	<b>“Using Hurricane Sandy as a Unique Learning Opportunity Utilizing Academic Service Learning and Civic Engagement”</b> Roberta Hayes and Marilyn Dono-Koulouris. Institute for Core Studies, Scientific Inquiry & Discover New York, St. John's University	N119
3:30	<b>“Using SENCER approach in Elementary Statistics”</b> Mangala Kothari, Mathematics, LaGuardia Community College	N119
3:45	<b>“Project Based Learning in Mathematical Modeling Class”</b> Lia Leon Margolin, Mathematics, Marymount Manhattan College	
4:00	<b>“Robotics and Artificial intelligence as an Interdisciplinary Theme -- First Experiences with a pilot Math course at the United States Military Academy, West Point”</b> Frank Wattenberg, Major Matthew Mogensen, and Cadet Hayley Steele, Mathematical Sciences, United States Military Academy, West Point	N119
	Thanks and Wrap-up	

	<i>POSTERS</i>	
	<b>“Using Digital Media to Develop an Understanding of the Scientific Process”</b> K. M. Browne, Geological, Environmental and Marine Sciences, Rider University	N119
	<b>“Learning For and With Nature: Civic Engagement for the Sustainability of Urban Trees and Parks”</b> Irene J. Dabrowski, Sociology, St. John's University	N119
	<b>“Prospect Park Biodiversity – a SENCERized Multidisciplinary Project”</b> Diana Samaroo, Chemistry, Liana Tsenova, Biological Sciences, Sandie Han and Urmi Ghosh-Dastidar, Mathematics, New York City College of Technology	N119
	<b>“Applications of Game Theory to Terrorism and MAT1372”</b> Urmi Ghosh-Dastidar, Mathematics, New York City College of Technology	N119

Special Thanks to  
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To the New York City College of Technology SENCER Regional Conference Organizing Committee:  
**Urmi Ghosh-Dastidar**, Mathematics  
**Sandie Han**, Mathematics  
**Laina Karthikeyan**, Biology  
**Diana Samaroo**, Chemistry  
**Liana Tsenova**, Biology