

**Consortium for  
Computing Sciences in Colleges**  
In cooperation with

**The Association for  
Computing Machinery  
Special Interest Group  
on Computer Science Education**  
presents



# **CCSCNE-2015**

## **The Twentieth Annual Consortium for Computing Sciences in Colleges Northeastern Conference**



April 17 - 18, 2015  
Worcester, MA

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## CCSCNE 2015 Chairs' Welcome

Welcome to the Twentieth Annual Consortium for Computing Sciences in Colleges Northeast Region Conference, Worcester, and to the College of the Holy Cross.

This year's program is the result of the hard work of a diligent conference committee and a dedicated board. We are honored to have two invited speakers, Sep Kamvar of MIT and Kim Bruce of Pomona College. In addition, we have a broad range of paper presentations, panels, tutorials, workshops and a large and interesting collection of student research posters. A new category of presentations is lightning talks. The traditional programming contest should be fun for everyone. We are holding a Hackfest for the second year. This year it is being run by OpenHatch and their Open Source Comes to Campus program. We are confident this program will appeal to both teachers and students of computing sciences.

We are fortunate to have worked with wonderful people. Without the committee, the board, the reviewers, session chairs and countless other volunteers this conference could not be the well-established success it is. The conference continues to be selective as we accepted 15 out of 29 papers for a rate of just under 52%. This will ensure the high-quality program that participants have come to expect.

We are pleased to be hosting this year's conference in Worcester, a city with a large and diverse collection of colleges. And we are especially pleased to be holding the conference in the Hogan Conference Center of the College of the Holy Cross. Holy Cross is proud of its facilities and its liberal arts education in the Jesuit tradition. An exclusively undergraduate institution with approximately 2,800 students, Holy Cross is the oldest Catholic college in New England.

We hope you find the conference both rewarding and enjoyable. We also look forward to seeing you next year at Hamilton College in Clinton, NY.

**Laurie Smith King,**  
College of the Holy Cross

**Karl R. Wurst,**  
Worcester State University  
Conference Co-Chairs

## CCSCNE 2015 Committee

**Laurie Smith King**

Conference Co-Chair  
*College of the Holy Cross*

**Frank Ford**

Programming Contest Co-Chair  
*Providence College*

**Kevin Walsh**

Programming Contest Co-Chair  
*College of the Holy Cross*

**Stan Kurkovsky**

Papers Co-Chair  
*Central Connecticut State University*

**Susan Imberman**

Panels and Lightning Talks Co-Chair  
*College of Staten Island*

**Sandeep Mitra**

Student Posters Co-Chair  
*The College at Brockport*

**Robert Dugan**

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*Stonehill College*

**Bonnie MacKellar**

Tutorials and Workshops Co-Chair  
*St. John's University*

**Mark Hoffman**

Registration Chair  
*Quinnipiac University*

**John Russo**

Faculty Posters Chair  
*Wentworth Institute of Technology*

**Val Kolesnikov**

Speaker Co-Chair  
*Manhattan College*

**Heidi Ellis**

Hackfest Co-Chair  
*Western New England College*

**Kelly Powers**

K-12/CSTA Co-Chair  
*Education Development Center, Inc.*

**Karl Wurst**

Conference Co-Chair, Vendors Chair  
*Worcester State University*

**Delbert Hart**

Programming Contest Co-Chair  
*SUNY Plattsburgh*

**Ian MacDonald**

Papers Co-Chair  
*The College of Saint Rose*

**Jim Teresco**

Program Chair  
*The College of Saint Rose*

**Yana Kortsarts**

Panels and Lightning Talks Co-Chair  
*Widener University*

**Alice Fisher**

Student Posters Co-Chair  
*University of New Haven*

**Aparna Mahadev**

Student Posters Co-Chair  
*Worcester State University*

**Krista Hill**

Tutorials and Workshops Co-Chair  
*University of Hartford*

**Nadine Hanebutte**

Publicity Chair  
*St. John Fisher College*

**Ingrid Russell**

Speaker Co-Chair  
*University of Hartford*

**Stoney Jackson**

Hackfest Co-Chair  
*Western New England College*

**Padmaja Bandaru**

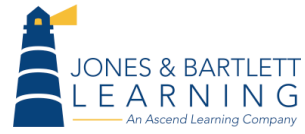
K-12/CSTA Co-Chair  
*Advanced Math and Science Academy*

## Conference Supporters

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## Program of Events: Friday, April 17

### Registration (7:45 AM – 4:00 PM)

Registration

Hogan Atrium

### Programming Contest (7:45 AM – 12:30 PM)

7:45 Registration of teams

Hogan Atrium

7:45 Breakfast

Spillane Atrium

8:40 Pre-contest instructions

Smith Labs 154

9:00 Contest

Haberlin Lab 136 and 204, Swords Lab 219

12:00 Programming contest lunch

Swords Room 352

### Pre-Conference Workshops (9:00 AM – 12:00 PM)

#### Workshop 1:

Hogan Room 320

*Computational Thinking in Greenfoot AI Game Strategies for CS1*

Michael Jonas, University of New Hampshire at Manchester

Mihaela Sabin, University of New Hampshire at Manchester

#### Workshop 2:

Hogan Room 401

*Introducing Secure Coding in CS0, CS1, and CS2*

Siddharth Kaza, Towson University

Blair Taylor, Towson University

Elizabeth K. Hawthorne, Union County College

#### Workshop 3:

Hogan Room 408/409

*Teaching Software Engineering with Lego Serious Play*

Stan Kurkovsky, Central Connecticut State University

#### Workshop 4

Hogan Room 402/403

*Chapel: A Versatile Language for Teaching Parallel Programming*

Kyle Burke, Plymouth State University

**Welcome (1:00 PM – 1:15 PM)**

**Welcome Address**

Hogan Third Floor Ballroom

Margaret Frieje, Ph.D.

Vice President for Academic Affairs and Dean of the College

Professor of Mathematics

**Plenary Session 1 (1:15 PM – 2:15 PM)**

**Self-Limiting Software and  
Sociotechnical Ecosystems**

Hogan Third Floor Ballroom

Sep Kamvar, MIT Media Lab

**Break (2:15 PM – 2:30 PM) - Hogan Third Floor Lounge**

**Hackfest for Students and Faculty (2:30 PM – 9:00 PM)**

**Hackfest & Pizza**

Hogan Room 320

**Concurrent Session 1 (2:30 PM – 3:45 PM)**

**Paper Session 1A: *Curricular Issues***

Hogan Room 401

(Session chair: Michael Gousie)

**Preliminary Analysis of the 2014 Snapshot of SUNY CS**

**Gatekeeper Courses**

Sen Zhang, SUNY Oneonta

Cynthia Marcello, SUNY Sullivan

Arthur Hoskey, Farmingdale State College

Howard Reed, SUNY Delhi

James Antonakos, Broome Community College

**A Dual-Major Course Emphasizing Computer Science and Graphic Design**

Fred Martin, University of Massachusetts Lowell

Mark Sherman, University of Massachusetts Lowell

**Public Debate Format for the Development of Soft Skill Competency in  
Computer Science Curricula**

Christopher Stuetzle, Merrimack College

**Quick Git Setup Tutorial**

Joseph Lawrance, Wentworth Institute of Technology  
Seikyung Jung, Bridgewater State University

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**Panel Session 1C**

Hogan Room 406/407

(Session chair: Yana Kortsarts)

**Making Interdisciplinary Courses and Projects Work**

Bonnie MacKellar, St. John's University  
Joan Peckham, University of Rhode Island  
Jesse Heines, University of Massachusetts Lowell  
Margaret Menzin, Simmons College  
UrsulaWolz, RiverSound Solutions

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**Vendor Session 1D**

Hogan Room 408/409

(Kim Yohannan, EMC)

**EMC Academic Alliance – Educating Future IT Professionals**

Learn how you can enhance student career prospects in the world of IT through the Academic Alliance. The program offers colleges and universities around the globe unique 'open' curriculum-based education, such as storage, cloud computing and big data analytics. The courses focus on technology concepts and principles applicable to any vendor environment. The goal is to prepare graduates to fully leverage enhanced and emerging technologies in virtualized and cloud environments. There is no cost to institutions to join the program and members receive numerous benefits including: faculty training, course materials, and secure web portals for faculty and students.

<b>Break (3:45 PM – 4:15 PM) - Hogan Third Floor Lounge</b>
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**Concurrent Session 2 (4:15 PM – 5:30 PM)**

**Paper & Lightning Talks Session 2A: Curricular Issues**  
(Session chair: Joan E. DeBello)

Hogan Room 401

**Algorithmic Thinking Unplugged**

Ed Lamanga, University of Rhode Island

**The Assessment of Mobile Computational Thinking**

Mark Sherman, University of Massachusetts Lowell

Fred Martin, University of Massachusetts Lowell

**An Abstract Game for Each Data Structure (Lightning Talk)**

Kyle Burke, Plymouth State University

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**Panel Session 2B:**

Hogan Room 406/407

(Session chair: Yana Kortsarts)

**Lessons from Women's College: What Works, What Doesn't, and  
What Will Work Elsewhere**

Nanette Veilleux, Simmons College

Barbara Lerner, Mount Holyoke College

Jean Herbst, Wellesley College

Christopher Andrews, Middlebury College

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**Tutorial Session 2C**

Hogan Room 408/409

**Using the Cloud as Middleware**

Delbert Hart, SUNY Plattsburgh

**Social Hour (5:30 PM - 7:00 PM) - Hogan Third Floor Lounge**

Faculty Posters

Third Floor Lounge

Student Posters

Hogan Rooms 304/305 and 328

**Dinner Banquet (7:00 PM – 9:00 PM)**

Presentation of Awards

Hogan Third Floor Ballroom

## Program of Events: Saturday, April 18

### Registration (7:30 AM – 10:00 AM)

Registration

Hogan Third Floor Atrium

### Breakfast (8:00 AM – 9:00 AM)

Light Continental Breakfast

Hogan Third Floor Lounge

### Concurrent Session 3 (9:00 AM – 10:15 AM)

**Papers Session 3A: *Engaging Approaches***  
(Session chair: Daniel Rogers)

Hogan Room 401

**Using Packet Sniffing to Teach Networking Concepts**  
Bruce Tis, Simmons College

#### **Cybersecurity Games Can Be Interactive, Fun, Educational and Engaging**

Thomas Sharkey, Massbay Community College  
Catherine Huang, Massbay Community College  
Ian Cullinane, Massbay Community College  
Shamsi Moussavi, Massbay Community College

#### **The Social Side of CS: Engaging Undergraduate Computer Science Students in the IRBProcess for Research Investigating Cyberbullying in Online Multi-Player Gaming Environments**

Jami Cotler, Siena College  
Meg Fryling, Siena College  
Lauren Mathews, Siena College  
Shauna Pratico, Siena College

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**Paper & Lightning Talks Session 3B: *Pedagogy***  
(Session chair: Stoney Jackson)

Hogan Room 402/403

**Teaching Greedy Algorithms Using a Single Problem Domain**  
Joan Lucas, College at Brockport

### **On Adding a Critical Thinking Module to a Discrete Structures Course**

Michael Scheessele, Indiana University South Bend

Hang Dinh, Indiana University South Bend

Mahesh Ananth, Indiana University South Bend

### **Challenges in Designing an Introductory Course in Big Data Programming (Lightning Talk)**

Roland Depratti, Eastern Connecticut State University

Gerrett Dancik, Eastern Connecticut State University

Sara Tasneem, Eastern Connecticut State University

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### **Panel Session 3C**

Hogan Suite A

(Session chair: Susan Imberman)

### **Introductory Computer Science Courses: A Discussion about the Rewards, Challenges and Connections among the Courses Taught at the Secondary and College Level**

Ann Moskol, Rhode Island College

Michael Deslauriers, Smithfield High School

Joan Peckham, University of Rhode Island

Dominic Herard, Times Squared STEM Academy

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### **Vendor Session 3D**

Hogan Suite B/C

(David Arnow, Turing's Craft)

### **Creating Your Own Exercises in CodeLab and MyProgrammingLab**

CodeLab provides hundreds of short programming exercises in each commonly taught intro programming language. In case that's not enough for you or if you want to arrange for your favorite homework programming assignments to be automatically checked (with feedback to students), it's now easier than ever in the latest edition of CodeLab.

<b>Plenary Session 2 (10:15 AM – 11:15 AM)</b>
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### **Programming with Grace**

Hogan Third Floor Ballroom

Kim Bruce, Pomona College

<b>Break (11:15 AM – 11:30 AM) - Hogan Third Floor Lounge</b>
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**Paper Session 4A: *Social and Outreach***  
(Session chair: Adrian Ionescu)

Hogan Room 401

**Using Web Conferencing to Foster Learning Partnerships in a Team Based Learning Computer Science Classroom**

Jami Cotler, Siena College  
Dima Kassab, University at Albany  
Xiaojun Yuan, University at Albany

**Evaluation of a Computing and Engineering Outreach Program for Girls in Grades 8-10.**

Mihaela Sabin, University of New Hampshire  
Paul Snow, Independent Consultant  
Mary Laturnau, Project Lead The Way, Inc.

**Involving High School Students with Visualization and Image Processing**

Rahman Tashakkori, Appalachian State University  
Ahmad Ghadiri, Appalachian State University  
Sina Tashakkori, Appalachian State University

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**Tutorial Session 4B**

Hogan Room 402/403

**Adopting a "Flipped" Interactive Pedagogy Using Teachback**

Timothy J. Hickey, Brandeis University  
William T. Tarimo, Brandeis University

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**Paper Session 4C: *Labs***  
(Session chair: Larry D'Antonio)

Hogan Suite A

**Droplet, a Blocks-Based Editor for Text Code**

David Bau, Phillips Exeter Academy

**Automatic Evaluation of Computer Programs Using Moodle's Virtual Programming Lab (VPL) Module**

Dominique Thiebaut, Smith College

**Membership Meeting (1:00 PM – 1:30 PM) - Hogan Suite A**

**Board Meeting (1:30 PM – 3:30 PM) - Hogan Suite A**

## Faculty Posters

1. **Promoting Student Engagement in Fundamental Java Programming Classes using a Poll Software System**  
Ying Liu, St. John's University
2. **The Spinoza Code Tutor**  
Timothy Hickey, Brandeis University  
Fatima Abu Deeb, Brandeis University
3. **Attracting Underrepresented Students to Engineering and Computer Science**  
Sarbani Banerjee, SUNY Buffalo State College
4. **An Interdisciplinary Model for Computer Science, Mathematics, and Environmental Science for Non-Majors**  
Frances Bailie, Srilal Krishnan, Joseph Stabile, Iona College
5. **Team Project Experiences in Humanitarian Free and Open Source Software (HFOSS)**  
Stoney Jackson, Western New England University  
Heidi Ellis, Western New England University  
Gregory Hislop, Drexel University  
Lori Postner, Nassau Community College
6. **Creating Online Programming Boot Camps**  
Lisa MacLean, Wentworth Institute of Technology

## Student Posters

**5001: Virtual Metrics: A New Way to Size Things Up**

Cara Villareal and Rachel Wolf, Christopher Newport University

**5002: Design and Implementation of Steganography and Steganalysis Techniques**

Andrew Miller and Justin Spedding, Widener University

**5003: Developing Digital Learning Objects to Enhance Students Learning**

Gordon Hall, Westfield State University

**5004: Producing the Optimal Configurations for the Intercardinal Extension to the Aggregation Index**

Tibor Mirkovic and Nicolas Taliceo, Westfield State University

**5005: Optimal Band Selection for Hyperspectral Data using GPU**

Michael Estwanick, Montclair State University

**5006: Exploring Extracurricular Activities to Enhance Retention and Recruitment of Women into Computing Disciplines**

Noella Noel and Tulsi Patel, Widener University

**5007: Loading A Plane: A Simulation in Processing**

Halle Kent, Saint Anselm College

**5008: TwitterTrails: A Tool for Following the Spread of Rumors**

Lindsey Tang, Kily Wong and Laura Zeng, Wellesley College

**5009: Water Quality Sensors**

Tyler Dalious, Tyler Garrett, Chris Jeffery and Josh Lowe, Shippensburg University

**5011: Pig Latin Programming Language**

Ryan Steimetz, Wentworth Institute of Technology

**5012: 2D to 3D Conversion and Printing**

Heather Corracio, Quinnipiac University

**5013: Finding the Optimal Route Around an Amusement Park to Maximize Fun and Minimize Time by Applying a Parallel Genetic Algorithm to the Traveling Salesman Problem**

Megan DeLaney, Massachusetts Bay Community College

**5014: Artificial Intelligence in Video Games**

Frederick Kissinger III, Chestnut Hill College

**5015: Investigation of Transliteration Algorithm Operation in Real Time for Augmented Reality**

Jon Battison, Buffalo State College SUNY

**5017: In Moving Color: Motion Controlled Art Program**

Adam Doktor, Buffalo State College SUNY

**5018: Big Data in Transit**

James Corpening, Buffalo State College SUNY

**5019: Shapeshifter of Py**

Steven Maciejewski, Buffalo State College SUNY

**5020: Malware Analysis: A Different Approach**

Thomas Stachowski, Buffalo State College SUNY

**5021: Visualizing the Spread of a Virus on Campus**

Lujun Jian, Smith College

**5022: Liberal Arts Modules for CS 1**

Jackie Byun, Smith College

**5023: Virtual Reality Visualization with the Oculus Rift**

Nicholas Wereszczak, University of New Haven

**5024: A Repository of Cloud Services for Micro-enterprises**

Matthew Panebianco, The College at Brockport SUNY

**5025: The Visible and Invisible in a MOOC Discussion Forum**

Jessica Bu, Wellesley College



**5026: Towards a Concept Map of App Inventor for Introductory Computer Science**

Sara Burns, Wellesley College

**5027: Fully Hardware Neural Network with Arduino Nodes Implemented with Backpropagation on a Remote Controlled Car**

Mohammad Khan, Connecticut College

**5028: Type-O's**

Andrew Wagner, Buffalo State College SUNY

**5029: Computer Simulation of Natural Sciences Problems in Virtual Environment**

Daniel Sturniolo, SUNY Fredonia

**5030: Creating a Watch Face for Android Wear**

David Dulski, Buffalo State College SUNY

**5031: Forms of Cognitive Apprenticeship Methods Applied in FOSS Environments**

Fulya Koc, Western New England University

Claudia Smith, Purdue University

**5032: Creating an Automated Coaching Assistant: Implementing Technology to Assess Quality of Strength Training**

Michael Clougher, Connecticut College

**5033: Kea Music Player**

Rains Jordan, The College of Saint Rose

**5034: Accessibility of Windows on a Large Display**

Danya Alrawi, Connecticut College

**5035: Folders: a Visual Organization System for MIT App Inventor**

Xixi Lu, Wellesley College

**5036: An Autonomous Xpilot Agent**

Brion Morrissey-Bickerton, Connecticut College

**5037: Haptic Assistance Tool (HAT)**

Elisabeth Fernandez and Jefferson Deng, Connecticut College

**5038: Mobile Cloud Computing Frameworks: A Comparison**

Corey Coughlin, Alexander Aroesty, Nicole Anderson and  
Matthew Watrous, Roger Williams University

**5039: Fun Interactive Pi-Robotic Projects for K-12**

Maria del Mar Moncaleano, Mass Bay Community College

**5041: Many Random Graphs are Expander**

Yicheng Shao and Peter Reheis, Trinity College

**5042: The Online Matching Problem**

Maximilian Bender, Connecticut College

**5043: Assessing Movement in DBS Parkinson's Patients**

Courtney Pharr, Clark University

**5045: iNodeKey: An Innovative Approach to Secure Your Data**

Viet Le, William Putnam, Justin Labrecque, Michael Barone and  
Chris Harris, University of New Haven

**5046: CamelTours: Preserving Cultural Heritage by Technological Means**

Julia Proft and Virginia Gresham, Connecticut College

**5049: WooConnect**

Abhijit Singh, Cyrus Fendorson, Hoang Nguyen, Joshua Cogswell and  
Ronak Shah, Clark University

**5051: Scheduling Interface Generated and Managed by Undergrads for  
Numerous Departments**

Rehan Rasool and Samuel Kovaka, Clark University

**5052: Extending List Implementation in App Inventor**

Soojin Kim, Wellesley College

**5053: Paper Drums (Using Color Detection to Play Sounds)**

Omar Waheed and Rehan Rasool, Clark University

**5055: Physiological Responses to Immersion in Virtual Reality**

Chris Glasz, University of Rhode Island

**5056: An Immersive World for Research**

James E Collins, Jr, University of Rhode Island

**5057: Group Steiner Problem on the GPU**

Basileal Imana and Venkata Suhas Maringanti, Trinity College

**5062: Exploring Natural Language Applications of Ternary Trees in Clojure**

David Siah, Kasia McLellan and Kent Wu, Villanova University

## About the Keynote Speakers

**Sep Kamvar** is the LG Career Development Professor of Media Arts and Sciences, and director of the Social Computing group at the MIT Media Lab. His research focuses on social computing and information management. From 2003 to 2007, Kamvar was the head of personalization at Google. Prior to Google, he was founder and CEO of Kaltix, a personalized search company that was acquired by Google in 2003. He has been a consulting professor at the Institute for Computational and Mathematical Engineering at Stanford University.

Kamvar is the author of two books and over 40 technical publications and patents in the fields of search and social computing. He is on the technical advisory boards of several companies, and his artwork has been exhibited at The Museum of Modern Art in New York, the Victoria and Albert Museum in London, and the National Museum of Contemporary Art in Athens. Kamvar received his PhD in scientific computing and computational mathematics from Stanford University, and an AB in chemistry from Princeton University.

**Kim B. Bruce** is the Reuben C. and Eleanor Winslow Professor of Computer Science at Pomona College. Previously he was the Frederick Latimer Wells Professor of Computer Science at Williams College. He was instrumental in setting up and chairing computer science departments at both institutions.

His research has ranged from mathematical logic to programming languages to linguistics. He has been awarded numerous research grants from the National Science Foundation to support his research in programming languages and CS education. He has contributed to several national curricula in computer science. The author of numerous papers in programming languages and computer science education, he is also the co-author of an introductory textbook in Java and the author of a research monograph on the theory of object-oriented languages. In 2005 he was presented the ACM SIGCSE 2005 award for Outstanding Contributions to Computer Science Education.

## Colleges Participating in the 2015 Programming Contest

Chestnut Hill College  
Clark University  
College of Staten Island  
College of the Holy Cross  
Connecticut College  
Daniel Webster College  
Fitchburg State  
Framingham State University  
Hamilton College  
Massachusetts Bay Community College  
Middlebury College  
Pennsylvania College of Technology  
Plymouth State University  
Providence College  
Saint Anselm College  
Salem State University  
Smith College  
Southern Maine Community College  
St. Lawrence University  
SUNY Buffalo  
SUNY Fredonia  
SUNY Oneonta  
SUNY Orange  
The College of Saint Rose  
Trinity College  
University of New Hampshire at Manchester  
University of New Haven  
Villanova University  
Wellesley College  
Widener University  
Worcester State

## Reviewers

This conference is possible only because of the hard work of the entire community. CCSCNE gratefully acknowledges the following reviewers who assisted in selecting the panels, workshops, tutorials, lightning talks, and papers.

**Sofya Poger,**  
Felician College

**Sen Zhang,**  
SUNY Oneonta

**Ying Liu,**  
St. John's University

**Nadeem Hamid,**  
Berry College

**Fred Martin,**  
University of Massachusetts Lowell

**Rahman Tashakkori,**  
Appalachian State University

**David Furcy,**  
University of Wisconsin Oshkosh

**William Joel,**  
Western Connecticut State University

**Jimmy Chen,**  
Salt Lake Community College

**Warren Carithers,**  
Rochester Institute of Technology

**Peter Drexel,**  
Plymouth State University

**Matthew Hertz,**  
Canisius College

**Eileen Peluso,**  
Lycoming College

**Gurmukh Singh,**  
SUNY Fredonia

**Robert Noonan,**  
College of William and Mary

**Seth Freeman,**  
Capital Community College

**John Slimick,**  
University of Pittsburgh at Bradford

**Lucia Dettori,**  
DePaul University

**John Dougherty,**  
Haverford College

**Marc Waldman,**  
Manhattan College

**Nanette Veilleux,**  
Simmons College

**Jonathan Blake,**  
Quinnipiac University

**Dan DiTursi,**  
Siena College

**Linda Null,**  
Penn State University

**Joan Lucas,**  
The College at Brockport

**Yan Chen,**  
Borough of Manhattan  
Community College, CUNY

**Bradley Kjell,**  
Central Connecticut State University

**Lubomir Ivanov,**  
Iona College

**Jeffrey Stone,**  
Penn State University

**Daniel Rogers,**  
The College at Brockport

**Barbara Bracken,**  
Wilkes University

**Andrea Lobo,**  
Rowan University

**Karen Works,**  
Westfield State University

**Christopher League,**  
LIU Brooklyn

**Stefan Christov,**  
Quinnipiac University

**Lawrence D'Antonio,**  
Ramapo College

**Jalaa Hoblos,**  
Penn State University-  
The Behrend College

**Allen Tucker,**  
Bowdoin College

**Val Kolesnikov,**  
Manhattan College

**Susan Imberman,**  
College of Staten Island

**Alice Fischer,**  
University of New Haven

**Deborah Hughes,**  
Lyndon State College

**Christine Wania,**  
The College at Brockport

**Christina Schweikert,**  
St. John's University

**Thambrahalli Rao,**  
The College at Brockport

**Mark Hoffman,**  
Quinnipiac University

**Delbert Hart,**  
SUNY Plattsburgh

**Karl Wurst,**  
Worcester State University

**See you next year for**

**CCSCNE 2016**

**Hamilton College**

**Clinton, NY**

**April 29 – 30**