# Fourth Annual Penn State DuBois Student and Faculty Research Symposium

**April 30, 2011**

## Conference At-A-Glance

<table>
<thead>
<tr>
<th>Time</th>
<th>Session IA (204 DEF)</th>
<th>Session II (204 DEF)</th>
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<tbody>
<tr>
<td>8:30 am - 8:45 am</td>
<td>Session Chair: Dr. Evelyn Wamboye</td>
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<td></td>
<td>Ms. Diane Lucas</td>
<td>Ms. Alina Bumbarger</td>
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<td></td>
<td>Instructor of Business and Information Technology</td>
<td>“Bibliotherapy for Children”</td>
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<td></td>
<td>“Using Alternative Assessments in the Business Discipline”</td>
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<td>Ms. Christopher Kolp</td>
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<td>“Can Advertising Save Society?”</td>
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<td>8:00 am - 8:30 am</td>
<td>Registration, and Coffee and Pastries</td>
<td>Ms. Katherine Baumgratz</td>
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<td>Lunchroom, 2nd Floor DEF</td>
<td>“Are geriatrics treated differently than Pediatrics?”</td>
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<td>Ms. Angela Miller</td>
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<td>“Is Occupational Therapy Moving From Occupational Based Treatments to Biomechanical Approaches?”</td>
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<td>8:45 am - 9:15 am</td>
<td>“Will a tree grow in Brooklyn? Developmental trends of the New York City street tree forest”</td>
<td>Ms. Kelen Fierst</td>
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<td>“Technology, Fire in the urban forest: Long-term effects in old growth stands”</td>
<td>Ms. Christina Folmar</td>
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<td>“Pre-European settlement forest composition of East New Jersey and southeast New York”</td>
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<td>Ms. Alexandra Gren</td>
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<td>“Vulnerability of Urban Park Forests to Fire Related Species Losses”</td>
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<td>Ms. Patience McCullough</td>
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<td>“Historical ecology of Inwood Hill Park, Manhattan, New York”</td>
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<td>Mr. Antoni Pelc</td>
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<td>“Urban forest management and ecosystem change during the past millennium: A case study from New York City”</td>
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<td>Mr. Jonathan Snyder</td>
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<td>“Effects of Torrential Rains in Radnor Lake State Natural Area”</td>
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## Session IIIA (204 DEF)
**Session Chair:** Dr. Mary Mino

**Ms. Myrene Magabo**  
Instructor of Communications  
“Students as Collaborators in the Teaching and Learning Through Active and Participatory Instructional Design Model”

**Mr. Steven Zanoni**  
“Diversity gained, diversity lost: Long-term changes in woody plants in Central Park, New York City and Fairmount Park, Philadelphia”

**Ms. Myrene Magabo**  
Instructor of Communications  
Ms. Samantha Wascavage  
Ms. Tiffany Veet  
Mr. Jason Kinachi  
Ms. Antonette Williams  
“Using the ID Model Across Curriculum”  
(Hands-On)

## Session IIIB (208 DEF)
**Session Chair:** Dr. Anita McDonald

**Dr. Russell Ciolli**  
Senior Instructor, Communication Arts and Sciences  
“A Brief Look at the Communication Dimension of Openness in Science and Also in Technology”

**Dr. Evelyn Wamboye**  
Assistant Professor of Business  
“Trade Liberalization Effects on Small Scale Farmers in Sub-Saharan Africa: The Case of Poultry Farmers in Ghana”

**Dr. John Tolle**  
Instructor of Mathematics  
“A Proof of a Familiar Series Result”

## Lunch Break (Lunch Room, 2nd Floor DEF)

## Session IV
**Poster Session (209 DEF)**

### Human Development and Family Studies

**Ms. Emily Pernesky**
**Ms. Amanda Anderson**
**Mr. Joe Shields**
“Alcohol Consumption Study Among Penn State DuBois Students”

**Ms. Kayla Barr**
**Ms. Clarissa Gardner**
**Mr. Brett Hudson**
“Religiosity: How It Affects Our Outlook on Different Societal Topics”

**Mr. Eric O’Kane**
“Suicidal Ideation Among Penn State University Students”

**Ms. Michaela Millinder**
**Mr. Adam Bundy**
**Ms. Nicole Frantz**
“Suicidal Ideation in Pennsylvania State University and Korean Students”
Business

Ms. Morgan Lingle
Mr. Jonathan Odrosky
Ms. Gabrielle Brennan
Ms. Alexandra Gren
Mr. Philip Bartoletti
Ms. Katie Baumgratz
Mr. Nick Hulihen
Mr. Antoni Pelc
“How Will The Proposed Budget Cut Impact Penn State DuBois Students and Their Families?”

Ms. Angela Miller
Ms. Nicole Barr
Mr. Adam Braun
Mr. Justin Fitzpatrick
Mr. Tyler Hicks
Mr. Mason Miller
Mr. Gregory Stanek
Mr. Joe Richard Shields
“Proposed Budget Survey”

Materials Engineering Technology

Mr. Keith Rogers
“Effect of Additives on the Mechanical Properties of PM 316L Stainless Steel”

Mr. Jeffrey Johnson
“Additives Effects on Corrosion of SS 316L Powder Metal”

Mr. Nicholas Carrier
“Microstructure of Powder Metal Stainless Steel”

Mr. Mark Kopp
“Machinability Study of PM 316L Stainless Steel”

Engineering

Dr. Craig Stringer
Assistant Professor of Engineering
“Machinability Study of Powder Metal FC-0208 Materials”

Occupational Therapy

Ms. LuAnn Demi
Instructor of Occupational Therapy
Ms. Michele Barton
Ms. Becky Fremer
Mr. Carl Peterson
Ms. Donna Veilleux
“CarFit: Driving Safer Longer”
| 2:15 p.m. - 3:45 p.m. | Session VA (204 DEF)  
Session Chair: Dr. Mary Mino  
Dr. Richard Kopley  
Distinguished Professor of English  
“The Hideous and Intolerable Bookshop”  
Mr. Owen Samuels  
“Expunging the Whiskey Glass in the Longfellow Portrait of Hervey Allen’s Israfel”  
Ms. Staci Neal  
“Power of Language”  
Dr. Elizabeth Evans  
Assistant Professor of English  
“Type Cast: Character Types and the Real World” | Session VB (208 DEF)  
Session Chair: Dr. John Tolle  
Mr. Shawn Jellison  
“The Emerald Ash Borer in Pennsylvania”  
Mr. Preston Wannamaker  
“The Coexistence of Native Brook Trout and Other Species” |