

# ΠΑΙΔΕΙΑ 2004



Conference Program, April 16 & 17 2004  
Christopher Newport University

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Welcome to the third annual undergraduate and graduate student research conference at Christopher Newport University. This conference was organized and sponsored by Christopher Newport University's Undergraduate and Graduate Research Council (UGRC).

All events take place in Ratcliffe Hall.

For information or assistance during a particular session of the conference, go to the registration table in the atrium and contact the UGRC member whose name is indicated in the "schedule overview" below.

### OVERVIEW of schedule

- **registration** Friday 2 PM -
- **I.** Friday 2:30 - 3:45 PM, two sessions (Peter Knipp, UGRC contact)
- **poster** session, Friday 3:30 - 4:30 PM
- **break**, with refreshments, Friday 3:45 - 4:20 PM
- **welcome** by CLAS Dean Douglas Gordon, Friday 4:00 PM
- **II.** Friday 4:20 - 5:35 PM, four sessions (Phillip Hamilton, UGRC contact)
- **registration** Saturday 9 AM -
- **III.** Saturday 9:15 - 10:30 AM, three sessions (Kelly Cartwright, UGRC contact)
- **break**, with refreshments, Saturday 10:30 - 10:45 AM
- **IV.** Saturday 10:45 AM - noon, four sessions (Tarek Abdel-Fattah, UGRC contact)
- **lunch** (on your own)
- **V.** Saturday 1:15 - 2:30 PM, four sessions (Peter Knipp, UGRC contact)

## DETAILED SCHEDULE

### I. Friday 2:30 - 3:45 PM (Peter Knipp, UGRC contact)

A.Room 112, Kelly Cartwright presiding

1. 2:30 Children and mutual exclusivity

Amy Davis, Kelly Cartwright, *CNU*

2. 2:55 The relation of personality and satisfaction with self-managed work teams

Diane Cabiroy, Diane Catanzaro, *CNU*

3. 3:20 A historical and theoretical review of the importance of group dynamics in virtual teams

David Karmolinski, Thomas R. Nipps, Thomas D. Berry IV, *CNU*

B.Room 116, Lori Underwood presiding

1. 2:30 The magic's in the makeup: deconstruction of western gender in *Madame Butterfly*

Mark Pangilinan, Tracey Schwarze, *CNU*

2. 2:55 Mass media and the new hysteria of the Information Age

Beth Miller, Tracey Schwarze, *CNU*

3. 3:20 Postmodernism and schizophrenia: the interpretive agency of *The Life of Pi*

Michael Mullin, Tracey Schwarze, *CNU*

**break**, with refreshments, Friday 3:45 - 4:20 PM

Poster session, Friday 3:30 - 4:30 PM, in atrium

1. The effect of religion on American political attitudes

Mary Monett, Quentin Kidd, *CNU*

2. The effects of race, income, education, and geographical context on life expectancy

Gregory J. Cutler, Quentin Kidd, *CNU*

3. The influence of social status on political participation

Alan Moore, Quentin Kidd, *CNU*

4. The ability of certain countries to adhere to human rights

Holly Ross, Quentin Kidd, *CNU*

5. Differing voter turnout between developed and developing democracies

Crystal Dunn, Quentin Kidd, *CNU*

6. The role of reading-specific cognitive flexibility in reading comprehension for beginning readers

Marisa Isaac, Kelly Cartwright, *CNU*

**welcome** by CLAS Dean Douglas Gordon, Friday 4:00 PM, in atrium

### II. Friday 4:20 - 5:35 PM (Phillip Hamilton, UGRC contact)

A.Room 112, Bob Colvin presiding

1. 4:20 What was once lost is now found

Wesley Partin, Andrew Velkey, *CNU*

2. 4:45 How well do verbal cognitive abilities tests predict college grades?

Katherine Williams, Kinsey England, Jennifer

Hogan, Andrea Kissell, Dara Libby, Jennifer

Silvent, Matt Walker, Diane Catanzaro, *CNU*

3. 5:10 Predicting reading comprehension from individuals' need for cognition

Heather Carr, Kelly B. Cartwright, *CNU*

B.Room 116, Peter Knipp presiding

1. 4:20 Unveiling the myth of masculinity in Frank L. Baum's *The Wonderful Wizard of Oz*

Karen Hartless, Terry Lee, *CNU*

2.4:45 Men in the ministry: how incorporating the feminine leads to a more complete masculinity  
Ashley Rich, Terry Lee, *CNU*  
3.5:10 A performance of masculinity supporting masculinity as performance  
Jack Lassiter, Terry Lee, *CNU*

C.Room 117, Glenn Weber presiding

1.4:20 Echo canceller techniques  
Jason Matusiak, Dali Wang, *CNU*  
2.4:45 Vegetation effects on CH<sub>4</sub> emissions from a discontinuous permafrost bog in Northern Alberta, Canada  
Michael Harrison, Gary J. Whiting, *CNU*  
3.5:10 Using photo-identification to determine the distribution of Atlantic bottlenose dolphins (*Tursiops truncatus*) in Lower Hampton Roads and the Elizabeth River, Virginia  
Dana Spontak, Kevin Foss, James Reed, *CNU*

D.Room 100, Danielle Cahille presiding

1.4:20 Cell phone usage while driving  
Michael Thom, Sam Hanks, Lori Underwood, *CNU*  
2.4:45 The presence of the church in Nicaragua  
Brandon Stuver, Danielle Cahill, *CNU*  
3.5:10 Music, education, and social status in eighteenth-century Williamsburg  
Bethany Donahue, Clyde W. Brockett, Jr., *CNU*

III. Saturday 9:15 - 10:30 AM (Kelly Cartwright, UGRC contact)

A.Room 112, Bob Colvin presiding

1.9:15 Time management and stress  
Elaine Crutchfield, W. Richard Walker, *Winston-Salem State U.*

2.9:40 Stopping the spread of spam  
Linda Stoughton, Quentin Kidd, *CNU*  
3.10:05 Do music and flexible scheduling affect data-entry job performance?  
Kimberlee Mutter, Jeffrey Gibbons, *CNU*

B.Room 116, Phillip Hamilton presiding

1.9:15 Can justice be trusted?  
Marlena Brown, Jean S. Filetti, *CNU*  
2.9:40 The function of Puck in Shakespeare's *A Midsummer Night's Dream*  
Karen Hartless, Douglas Gordon, *CNU*  
3.10:05 Women get sacked in the hegemonistic world of sports  
Madelin Russo, Mary Rose Williams, *CNU*

C.Room 117, Tarek Abdel-Fattah presiding

1.9:15 The effects of the leakage factor in the employment of the least mean square (LMS) algorithm in speech processing  
Paul Connolly and Gihan I. Mandour, *CNU*  
2.9:40 A comparison of precipitation data sets for predicting Atlantic white cedar ring widths  
Amber Bradshaw, Shana Merry, Rob Atkinson, *CNU*  
3.10:05 The Markowitz efficient frontier: far more than finance  
J. Andrew Richardson, Glenn Weber, *CNU*

**break**, with refreshments, Saturday 10:30 - 10:45 AM

IV. Saturday 10:45 AM - noon (Tarek Abdel-Fattah, UGRC contact)

A. Room 112, George Zestos presiding

1. 10:45 Alcohol preference in Maudsley rats is elicited by minimal exposure to alcohol

Sabrina Gilchrist, Nelson Adams, *Winston-Salem State U.*

2. 11:10 Differences in responses to the body investment scale: student athletes vs. non-athletes

Javacia Jackson, W. Richard Walker, *Winston-Salem State U.*

3. 11:35 Cognitive deficits in epilepsy

Peter Kuhr, Stacy Rilea, *CNU*

B. Room 116, George Hillow presiding

1. 10:45 Gender ideologies in prime-time sitcoms

Adam Rose, Mary Rose Williams, *CNU*

2. 11:10 The arts and crafts movement a capitalist critique

Ethan Crouch, George Teschner, *CNU*

3. 11:35 Loving versus Virginia: courtroom to stage

William Burton Henline, George Hillow, *CNU*

C. Room 117, Rob Atkinson presiding

1. 10:45 Using the least mean square algorithm for speech enhancement problems with different noise signals

Mary Evans, Gihan I. Mandour, *CNU*

2. 11:10 Remote sensing indices and relationship to methane and carbon dioxide exchange in melted permafrost sites of Northern Alberta, Canada

Whitney Carroll, Gary Whiting, *CNU*

3. 11:35 Providing wireless network access in an academic environment

Mark Meyer, Anton Riedl, *CNU*

D. Room 100, Cheryl Mathews presiding

1. 10:45 Alzheimer's disease and the care-giving experience

Tara B. Mulligan, Cheryl Mathews, *CNU*

2. 11:10 The Würzburg Residenz as the pearl of the German baroque

Nina Skulbeda, Laura Deiulio, *CNU*

3. 11:35 The effects of adolescent dating on the relationship with the parents

Carissa Swain Kopp, Joe Healey, Michael Lewis, *CNU*

**lunch** (on your own), Saturday noon - 1:15 PM

V. Saturday 1:15 - 2:30 PM (Peter Knipp, UGRC contact)

A. Room 112, Kelly Cartwright presiding

1. 1:15 The relationship of sex, personal and social identity with collaboration attitudes among academic scientists

Thomas R. Nipps, David Karmolinski, Thomas D. Berry IV, *CNU*

2. 1:40 Student perceptions of instructors' personalities

Quenna N. McDonald, W. Richard Walker, *Winston-Salem State U.*

3. 2:05 Recent developments and the history of the relationship between science and religion

James E. McGrath, Stacy Rilea, *CNU*

B. Room 116, Mary Rose Williams presiding

1. 1:15 Art as a discursive forum for political thought and social activism

Katherine R. Wallace, Mary Rose Williams, *CNU*

2. 1:40 Writing laws for morality: a look at the government of the United States and its attempt at legislating morality

Jonas King-Holzsager, Lori Underwood, *CNU*

3. 2:05 Women and nonviolence in America: a study of why and how American women were able to successfully implement change using nonviolence

Jonas King-Holzsager, Lori Underwood, *CNU*

C.Room 117, Gihan Mandour presiding

1. 1:15 On the use of the quasi-optimal bounding ellipsoid (QOBE) algorithm in speech classification problems

Timothy Kraus, Gihan I. Mandour, *CNU*

2. 1:40 Capabilities and stability of organosilicate nanocomposite materials to remove and retain chlorinated phenols in an aqueous media

Brian Bishop, Emily Faulkenberry, Sandy Han, Valerie Johansen, Tarek Abdel-Fattah, *CNU*

D.Room 100, George Zestos presiding

1. 1:15 Investigation of an efficient rail car arrival rate

Adria Thornton, Michael Cochrane, Scott Rutherford, *CNU*

2. 1:40 The exchange rate determination of the euro  
John McCleary, George Zestos, *CNU*

3. 2:05 The correlation between regional integration, the loss of sovereignty, and nationalism

Holly Ross, Quentin Kidd, *CNU*

**End of conference (Saturday 2:30 PM)**

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center

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table

***Paideia*** (pi-DAY-uh): the classical Greek education of liberal learning, which was believed to develop the intellectual, moral and aesthetic capacities.