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# EIGHTH INTERNATIONAL INSTITUTE ON DEVELOPMENTAL SCIENCE

## Integrating Biology and Developmental Science

May 25-28, 2005  
Center for Developmental Science  
University of North Carolina at Chapel Hill

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All sessions except for keynote presentations will take place at the  
UNC School of Social Work, Tate-Turner-Kuralt Building, 301 Pittsboro Street, Room 300

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### May 25, Wednesday

1:00 pm Welcome: **Carol P. Tresolini**, UNC Associate Provost for Academic Initiatives, **Mike Shanahan**, Associate Professor of Sociology, University of North Carolina at Chapel Hill, and **Martha Cox**, Director, Center for Developmental Science, and Professor, Department of Psychology, University of North Carolina at Chapel Hill

1:15-2:30 Keynote Speaker: **Jerome Kagan**, Starch Professor of Psychology and Co-Director of the Mind-Brain-Behavior Initiative, Harvard University: "Meaning and Procedure in the Study of Behavioral Development"

2:30-3:15 Discussion: **Susan Calkins**, Professor of Psychology, University of North Carolina at Greensboro, Facilitator

**UNC School of Pharmacy, 2001 Kerr Hall, Ferguson Auditorium**

3:15-3:30 Break

3:30-4:30 Thematic Paper: **Bradley Peterson**, Suzanne Crosby Murphy Professor in Pediatric Neuropsychiatry Division of Child and Adolescent Psychiatry and Deputy Director, Pediatric Neuropsychiatry Research, Columbia University: "Brain Imaging Studies of Impulse Control Circuits in Developmental Psychopathologies"

4:30-5:15 Discussion: **Kevin Pelphey**, Assistant Professor, Department of Psychiatry, School of Medicine, University of North Carolina at Chapel Hill, Facilitator

6:30-9:30 Welcome Dinner: Private Residence of **Oscar Barbarin**, L. Richardson and Emily Preyer Bicentennial Distinguished Professor for Strengthening Families, School of Social Work, University of North Carolina at Chapel Hill

## May 26, Thursday

- 7:30-8:15 Continental breakfast (Room 300, School of Social Work, 301 Pittsboro Street)
- 8:15-9:15 Thematic Paper: **Patricia J. Bauer**, Morse Alumni Distinguished Teaching Professor and Rodney S. Wallace Professor for the Advancement of Teaching and Learning, Institute of Child Development, University of Minnesota: “Toward a Neuro-Developmental Account of the Development of Explicit Memory”
- 9:15-10:00 Discussion: **Peter A. Ornstein**, F. Stuart Chapin Professor of Psychology, University of North Carolina at Chapel Hill, Facilitator
- 10:00-10:15 Break
- 10:15-11:15 Thematic Speaker: **Heikki Lyytinen**, Professor of Developmental Neuropsychology, Department of Psychology, Head of the Child Research Center, Agora Research Center, University of Jyväskylä, Finland: “Early Identification and Prevention of Dyslexia - Applying Results from a Prospective Follow-up of Children at Familial Risk for Dyslexia from Birth to School Age”
- 11:15-12:00 Discussion: **Lynne E. Baker-Ward**, Professor of Psychology, North Carolina State University, Facilitator
- 12:00-1:45 Lunch on Franklin Street
- 1:45-3:15 Poster Session
- 3:15-5:00 Excursion: Hike in Duke Forest or tour of Duke Gardens
- 6:30-10:00 Dinner for faculty and participants (locations to be announced)  
(Carolina Inn guests will be picked up in lobby at 6:00)

## May 27, Friday

- 7:15-8:00 Continental breakfast
- 8:00-9:00 Thematic Paper: **Allyson Bennett**, Assistant Professor, Department of Physiology and Pharmacology & Department of Pediatrics, School of Medicine, Wake Forest University: “Gene Environment Interplay: Nonhuman Primate Models and the Study of Resilience and Vulnerability”
- 9:00-9:45 Discussion: **Kathryn Hood**, Associate Professor of Human Development and Family Studies at the Pennsylvania State University, Facilitator
- 9:45-10:00 Break

## May 27, Friday (continued)

10:00-11:15 Keynote Speaker: **Michael Meaney**, James McGill Professor of Medicine in the Departments of Psychiatry and Neurology & Neurosurgery, and Associate Director of the Douglas Hospital Research Centre, Montreal, Canada: “Maternal Effects on DNA Methylation, Gene Expression and Individual Differences in Stress Responses”

11:15-12:00 Discussion: **Gilbert Gottlieb**, Research Professor of Psychology at the Center for Developmental Science, University of North Carolina at Chapel Hill, Facilitator

**UNC School of Pharmacy, 2001 Kerr Hall, Ferguson Auditorium**

12:00-1:00 Lunch (boxed)

1:00-2:00 Thematic Paper: **Patrick Sullivan**, Professor, Departments of Genetics, Psychiatry, & Epidemiology, University of North Carolina at Chapel Hill: “An Update on the Genetics of Schizophrenia: Focus on Neurodevelopment”

2:00-2:45 Discussion: **Adrian Angold**, Associate Professor of Psychiatry and Behavioral Sciences, Duke Medical Center, and Director, Center for Developmental Epidemiology, Duke University, Facilitator

2:45-3:00 Break

3:00-4:00 Thematic Paper: **Peter Molenaar**, Professor, Department of Psychological Science, University of Amsterdam: “Idiographic Science, Developmental Processes, and Biological Influences”

4:00-4:45 Discussion: **Lars Bergman**, Professor of Psychology and Director of the Laboratory for Developmental Science, Stockholm University, Facilitator

4:45-5:15 Remarks: **Clancy Blair**, Associate Professor of Human Development and Family Studies at the Pennsylvania State University, and **Jean-Louis Gariépy**, Associate Professor of Psychology, University of North Carolina at Chapel Hill, will provide information on the development of a volume from the International Institute.

7:00- Social Event: Durham Bulls vs. Pawtucket Red Sox

## May 28, Saturday

7:15-8:00 Continental breakfast

8:00-9:00 Thematic Paper: **Kathryn Hood**, Associate Professor of Human Development and Family Studies at the Pennsylvania State University: “Animal Models of Human Behavior Problems: Issues of Interpretation and Function”

**May 28, Saturday (continued)**

9:00-9:45 Discussion: **Jean-Louis Gariépy**, Associate Professor of Psychology, University of North Carolina at Chapel Hill, Facilitator

9:45-10:00 Break

10:00-11:15 Closing Address: **George F. Michel**, Professor and Chair of Psychology, University of North Carolina at Greensboro: "Integrating Biology and Developmental Science: Current Contingencies Permit Several Likely Future Pathways"

11:15-12:00 Discussion: **E. Jane Costello**, Professor, Department of Psychiatry and Behavioral Sciences & Center for Developmental Epidemiology, Duke University Medical School, Facilitator

12:00-12:15 Closing Remarks: **Mike Shanahan**, Associate Professor of Sociology, University of North Carolina at Chapel Hill, with **Martha Cox**, Director, Center for Developmental Science, and Professor, Department of Psychology, University of North Carolina at Chapel Hill

12:15-1:15 Lunch (boxed)