

From the Brain to Human Culture: Intersections Between the Humanities and Neuroscience

An international Conference organized by the Comparative Humanities Program
at Bucknell University to be held at

Bucknell University, April 20-22, 2007

All conference sessions will take place in the Elaine Langone Center

Program of Events:

Friday, April 20th

8-9 Breakfast, Registration, and Welcome – Langone 241ABCD

9-10:20 Session #1

Panel One: Narratives and Metaphors of Neuroscience (Langone 256 Center Room)

Chair: John Hunter (Bucknell)

- 1.) Stephen M. Fiore (U. of Central Florida). “Narrative and Neuroscience – Part I: Cognitive Science and Understanding Narrative Process.”
- 2.) Rudy McDaniel (U. of Central Florida), “Narrative and Neuroscience – Part II: Using Narrative to Augment Cognitive Science.”
- 3.) Robert G. McInerney (Point Park U.). “The Docile Body of the Brain: A Discourse Analysis of Capacity.”

Panel Two: Aesthetic Perception and Cognition (Langone 213 Walls Lounge)

Chair: Katherine Faull (comparative humanities)

- 1.) Machiel Keestra (U. of Amsterdam). “Mimesis in Art and Neuroscience: Bootstrapping Humanities and Neurosciences, Using Tragic Action and as Example.”
- 2.) Linda Palmer (Carnegie Mellon U.). “Aesthetics and Cognition: Immanuel Kant’s *Critique of Judgment* and the Brain.”
- 3.) Alkim Almila Akdag Salah (UCLA). “Electronic Art: the Bridge between Cognitive Sciences and Art History?”

10:20 – 10:40 Break –Langone 241 ABCD

10:40 – 12:00 Session #2

Panel One: Embodiment and Learning (Langone 301 Gallery Theater)

Chair: Ellen Spolsky (Bar-Ilan)

- 1.) Naomi Rokotnitz, (Bar-Ilan University). “Constructing Cognitive Scaffolding through Heightened Embodied Receptiveness: Toni Morrison's *The Bluest Eye*”
- 2.) Glenda Sacks (Achva College). “George Eliot’s Boudoir Experiment: Dorothea as Embodied Learner”
- 3.) Ellen Spolsky, (Bar-Ilan University). “Cognitive Hunger: Imaging the Absent and the Unruly”

Panel Two: Neuroscience and Music I (Langone 256 Center Room)

Chair: Annie Randall (Bucknell U.)

- 1.) Nurit Ben-Zvi (Achva College). “Cognitive Ethnomusicology”
- 2.) James Imhoff (Portland, OR). “Two part harmony: Common Ground for Music Education and Neuroscience”.
- 3.) Elizabeth Margulis (U. of Arkansas). “Neuroscience, the Food of Musical Culture?”

12-1 Lunch Break – Langone 213 Walls Lounge

1-2:50 Session #3

Panel One: Fiction and Theory of Mind (Langone 256 Center Room)

Chair: Lisa Zunshine (Kentucky)

- 1.) Jesse M. Bering (Institute of Cognition and Culture, Queen’s University). “A Report to the Academy on the Scientific Status of the Chimpanzee ‘Enculturation Hypothesis’”
- 2.) Lisa Zunshine (University of Kentucky). “Theory of Mind and Fiction”
- 3.) Alan Richardson (Boston College). “Cognitive Historicism: Literature, Cognition, and Cultural Studies.”
- 4.) Matthew Belmonte (Cornell University). “Does the Experimental Scientist Have a ‘Theory of Mind?’”

Panel Two: Varieties of Psychology (Langone 301 Gallery Theater)

Chair: Kevin Myers (Bucknell)

- 1.) Maarten Derksen (U. of Groningen). "On Evolutionary Psychology and Cultivation"
- 2.) Nathalie Gontier (Vrije Universiteit, Brussels). "Genes, Brains, and Language: Would Someone Please Pull the Brakes?"
- 3.) Eranda Jayawickreme (U. of Pennsylvania) and Anthony Chemero (Franklin and Marshall). "Ecological Moral Realism: An Alternative Theoretical Framework for Positive Psychology."
- 4.) Michele Merritt (U. of South Florida). "Nativism and Neuroscience: An Examination of an Assumed Incompatibility"

2:50-3:10 Break – Langone 213 Walls Lounge

3:10 – 4:30 Session #4

Panel One: Neuroethics (Langone 241ABC)

Chair: Len Olsen (U. of Miami)

- 1.) Sheri Alpert (Dalhousie U.). "Neuroethics and Nanoethics: Do We Risk Ethical Myopia?"
- 2.) Paul J. Ford (Cleveland Clinic). "A Cautionary Tail: Teaching Neuroethics Using *Curse of the Were-Rabbit*"
- 3.) George Matthews (Penn College). "Philosophers for Full Employment: Cognitive Science and the Autonomy of Ethics."

Panel Two: Neuroscience and Literary Analysis (Gallery Theater)

Chair: John Hunter (Bucknell)

- 1.) Nicole Heber (U. of Melbourne). "Retrogenesis: Neuroscience and Narratives of Alzheimer's Disease."
- 2.) Norman Holland (U. of Florida). "The Neuroscience of Metafiction."
- 3.) Tim Horvath (U. of New Hampshire). "'The Cart Before the Horse': Jonathan Franzen's Neurological Sleights of Hand"

**5 – 6:30 Plenary Session –Andy Clark, "Embodiment and the Sciences of Mind"
(Langone 301 Gallery Theater)**

6:30-8:30 Dinner on Campus (Refectory)

Saturday, April 21st

8-9 Breakfast - Refectory

9-10:20 Session #5

Panel One: Histories of Neuroscience/Neuroscience in History I (Langone 256 Center Room)

Chair: Yvonne Howell (U. of Richmond)

- 1.) Catherine Kerr (Harvard U.). "Embodiment and Empathy in William James and Recent Neuroscience."
- 2.) Jane Thraikill (UNC Chapel Hill). "Neurophysiology and Aesthetics; or, William meets Henry James."
- 3.) Yvonne Howell (U. of Richmond). "Somebody has to do it: A (gasp) Bioaesthetic reading of Alexander Solzhenitsyn's 'Matryona's House.'"

Panel Two: Neuroscience and Music II (Gallery Theater)

Chair: Bob Cesario (Bucknell)

- 1.) Andrea R. Halpern (Bucknell). "Music, Mind, and Brain: Comprehension and Memory for Music."
- 2.) Kevin Hanrahan (U. of Nebraska). "The Use of Science in the Voice Studio."
- 3.) Michele Kaschub (U. of Southern Maine) and Janice P. Smith (Queens College, CUNY). "Damasio, Schenker, and Musical Feeling: Exploring the Intersections of Body, Mind, and Music"

10:20 – 10:40 Break - Refectory

10:40 – 12:00 Session #6

Panel One: Neuroscience and Images (Langone 301 Gallery Theater)

Chair: Owen Floody (Bucknell)

- 1.) John Emigh (Brown U.). "Minding Bodies: Demons, Masks, Archetypes, and the Limits of Culture."
- 2.) Alessia Pannese (Columbia U.). "Seeing, Imagining, and Imaging: Considerations on the Natural and Cultural Attributes of the Human Mind."
- 3.) Barbara Maria Stafford (U. of Chicago). "Beyond Brian Modularity: Visual Formulas and the Encapsulation of Thought."

Panel Two: The Philosophical (and Material) Cyborg (Langone 256 Center Room)

Chair: Stacey Tovino (Hamline U.)

- 1.) Christopher M. Conway (Indiana) and John E. Conway (Webster U.). "The Role of Cybernetic Technology in Redefining the Human Organism."
- 2.) Robin L. Zebrowski (Oregon). "Neural Plasticity and the Cultural Cyborg: Two Sides of One Coin."
- 3.) Donald S. Borrett (U. of Toronto) and Hon C. Kwan. "Robotics and the Naturalization of Phenomena."

12-1 Lunch Break - Refectory

1-2:50 Session #7

Panel One: Free Will, Emotion, and Agency (Langone 301 Gallery Theater)

Chair: James Shields (Bucknell)

- 1.) Carolyn April (U. of Oxford). "Reason, Emotion, and Moral Judgment: Models from Neuroscience and Social Psychology and Their Implications for Moral Philosophy"
- 2.) Chris Kaposy (Dalhousie U.). "Why We Don't Need to Worry about the Social and Ethical Implications of Neuroscientific Knowledge"
- 3.) Neil Levy (U. of Melbourne/U. of Oxford). "Moral Responsibility and Consciousness"
- 4.) Jon Simons (Indiana U.). "Rehabilitating Affect: Damasio's Neuroscience and Political-Cultural Theory."

Panel Two: Rhetoric and Pleasure (Langone 256 Center Room)

Chair: Jim Lavine (Bucknell)

- 1.) Jeff Pruchnic (Wayne U.). "Neurorhetorics: Cybernetics, Psychotropics, and the Materiality of Persuasion."
- 2.) Nathaniel Rivers and Jeremy Tirrell (Purdue U.). "Productive Strife: Andy Clark's Cognitive Science and Rhetorical Agonism"
- 3.) Roberta Tucker (U. of South Florida). "Affect, Cognition, and Free Indirect Discourse"
- 4.) Ioana Uricaru (U. of Southern California). "Cinematic Pleasure and the Neuroscience of Emotion"

2:50-3:10 Break - Refectory

3:10 – 4:30 Session #8

Panel One: Identity, Human and Otherwise (LC 301 Gallery Theater)

Chair: Elizabeth Capaldi (Bucknell)

- 1.) Jennifer Bell (Dalhousie U.). “Posttraumatic Stress Disorder, Propranolol, and Personal Identity.”
- 2.) Sara Olack (Johns Hopkins U.). “Normative Implications of Advances in Neuroimaging.”
- 3.) Sara Waller (Case Western Reserve U.). “Marine Mammal Research, Mind Science, and Morphemes: The Possible Neural, Mental, and Cultural Significance of Signature Whistles.”

Panel Two: The Cognitive Experiences of Reading (LC 256 Center Room)

Chair: Katherine Faull (comparative humanities)

- 1.) Nancy Chase (Georgia State U.) and Brendan Ozawa-de Silva (Emory U.). “Reading as Meditation: Combining First-person and Third-person Inquiry into Subjective Experience to Address Cognitive, Affective, Attentional, and Motivational Imbalance.”
- 2.) Wendy S. Jones (Cornell U.). “How to Read the Eighteenth-Century Novel with Your Brain in Mind.”
- 3.) Alfonsina Scarinzi (Göttingen). “The Reader’s Brain and its Experienced Discriminations: the Role of Qualia in the Cognitive Reception Process of the Literary Theme.”

5 – 6:30 Plenary Session – Michael Gazzaniga, “On the Ethical Brain” (LC Forum)

7 – 9:30 Dinner and Reception at President’s House

Sunday, April 22

7:30 – 8:30 Breakfast - Refectory

8:30 – 10:20 Session #9

Panel One: History in Neuroscience/Neuroscience in History II (LC 301 Gallery Theater)

Chair: Joseph Tranquillo (Bucknell)

- 1.) Stacey Tovino (Hamline). “From Phrenology to Functional Neuroimaging: Responding to Advances in Brain and Body Science.”

2.) Amy Ione (Diatrope Institute). “Visual Images of the Brain: Where Art Meets Science”

3.) Howard Pollack-Milgate (Depauw U.). “Neuroscience and the Post-Romantic Subject”

4.) Michael Williamson (Indiana U. of Pennsylvania). “Neuroscience and Pindar’s Victory Odes: Apprehensions of Immortality and the Debate Surrounding the ‘Wiring of the Religious Mind’”

10:45

Shuttles to Airports