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The UC College of Medicine is committed to resolving all conflict of interest issues that may arise as a result of prospective faculty members' significant relationships with a drug or device manufacturer. The UC College of Medicine's mandate is to retain only those speakers whose financial interests can be reconciled with the goals and educational integrity of the program.

**Parking Information**

CCM parking garage: Enter the garage from Corry Street, west off Jefferson. The Deaconess Hospital parking garage on Straight Street may also be used.

**CLE Information**

Application for 3 hours of general CLE credit has been submitted to Ohio and Kentucky. Approval is expected. Questions pertaining to CLE credit should be addressed to the CLE Administrator in the Dean's office of the College of Law at 513.556.0063.

**Physicians**

The University of Cincinnati College of Medicine designates this educational activity for a maximum of three AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credits commensurate with the extent of their participation in the activity. The University of Cincinnati College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Psychologists**

The U.C. Department of Psychiatry is an approved provider by the Ohio Psychological Association for mandatory continuing education under approval #311067501 until August 2008. The Department of Psychiatry maintains responsibility for this program. Ohio Licensed Psychologists who wish to obtain continuing education credit must complete the course evaluation form and sign the attendance sheet provided.



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UNIVERSITY of CINCINNATI

COLLEGE *of* LAW

*Revising the Frontiers of Responsibility and Blame:  
How Neuroscience is Reshaping Philosophy and the  
Criminal Law*

**Thursday, October 11, 2007**

**3:00 p.m. - 6:15 p.m.**

**University of Cincinnati College of Law**

**Room 114**



# Revising the Frontiers of Responsibility and Blame: How Neuroscience is Reshaping Philosophy and the Criminal Law

Traditionally, the law has viewed human action as something governed by our beliefs and desires, and society has regarded people as potentially blameworthy and punishable because we believe we can control our own behavior. But in courtrooms across the country, judges and juries are facing a new type of evidence that challenges this explanatory paradigm: evidence from brain scans and other neuroimaging techniques that explains behavior as the outcome of biological processes, rather than conscious decisions. Thus, the behavioral explanations of psychiatrists and neuroscientists threaten the very bases upon which law and Western society attribute personal responsibility and blame.

This symposium will examine psychiatry's new approach to cognition and the ways that neuroscience is reshaping legal and philosophical thinking. Targeted to attorneys, mental health professionals, academic physicians, and legal scholars, the presentations will cover a broad range of legal, ethical, and scientific challenges. Join speakers and panelists—including law professors, psychiatrists, neuroscientists, and philosophers—for a probing discussion of modern theories of human behavior, what “choice” is, the interaction of mind and brain, and what it means to be rational.

*This symposium is sponsored by the UC College of Law's Glenn M. Weaver Institute of Law and Psychiatry, the College of Medicine, and the Department of Philosophy.*

## Conference Objectives

- Discuss the neurobiological basis of cognition
- Describe how neurobiological anomalies may result in neuropsychiatric symptoms
- Review the relationship of the new neuroscience to traditional concepts of criminal responsibility
- Assess the challenges to traditional concepts of criminal responsibility that the new neuroscience presents
- Predict and evaluate the significance of the fact that functional neuroimaging results display brain behavior correlations, not causal mechanisms, with respect to a popular neuroscience-inspired causal determinism about human behavior
- Compare and contrast the nature of the results revealed by functional neuroimaging studies with those from controlled experimental manipulations of cellular and molecular mechanisms
- Describe the role that political ideology plays in some current functional neuroimaging studies concerning human social behavior
- Discuss the appropriateness of appealing to neuroimaging studies to justify widespread changes to our legal and moral practices of ascribing responsibility
- Explain the balance between individual freedoms and social harm as it pertains to mandated medical interventions
- Report familiarity with the most recent developments in research into the neurochemistry of hunger and satiation
- Discuss a new paradigm for thinking about obesity and hunger

## Symposium Participants

**JOHN BICKLE** is Professor and Head of the Department of Philosophy and Professor in the Neuroscience Graduate Program at the University of Cincinnati. Professor Bickle specializes in the philosophy of neuroscience, science, and cellular mechanisms of cognition and consciousness. His work addresses the importance of molecular and cellular cognition for cognitive scientists and philosophers of mind and science.

**VALERIE GRAY HARDCASTLE** is the new Dean of the McMicken College of Arts and Sciences at the University of Cincinnati. Before coming to UC, she was an Associate Dean and Professor of Philosophy at Virginia Tech. Dean Hardcastle's research has focused on interdisciplinary theories in cognitive science and on developing a framework for understanding consciousness that takes into account neuroscientific and psychological data. Her work looks at how consciousness, memory, and perception relate to underlying neurophysiology, and what these relations tell us about the mind and ourselves as thinking creatures.

**DOUGLAS S. LEHRER** is Associate Professor in the Department of Psychiatry, Wright State University Boonshoft School of Medicine. Dr. Lehrer leads Wright State's major neurobiological research efforts in partnership with the Wallace-Kettering Neuroscience Institute. His research uses positron emission tomography, magnetic resonance imaging, and the coordinated efforts of radiochemists, physicists, and computer scientists to produce detailed neuroimages that elucidate psychopathology in major mental disorders.

**STEPHEN J. MORSE** is the Ferdinand Wakeman Hubbell Professor of Law and Professor of Psychology and Law in Psychiatry at the University of Pennsylvania. He is a renowned expert in criminal and mental health law whose work examines the role of individual responsibility in criminal and civil law. Both a lawyer and a psychologist, Professor Morse has authored numerous law review articles, publications in professional mental health journals, and op-eds. He is currently working on a book entitled *DESERT AND DISEASE: RESPONSIBILITY AND SOCIAL CONTROL*.

**STEPHEN STRAKOWSKI** is Professor and Acting Chair of Psychiatry, Psychology, and Neuroscience at the University of Cincinnati College of Medicine, as well as director of UC's Bipolar and Psychotic Disorders Research Program. The author of more than 100 peer-reviewed publications, Dr. Strakowski serves as a reviewer for federal grant subcommittees and for most of the major psychiatric journals.

**GLEN WEISSEBERGER** is the Dean of the College of Law at DePaul University. Before taking this post in 2002, he taught at the UC College of Law for 27 years, serving as Dean and as the Judge Joseph P. Kinneary Professor of Law. Widely recognized as an authority on evidence, civil commitment, and the insanity defense, he also is the developer of numerous casebooks, anthologies, and texts used in law school classrooms.

**DOUGLAS MOSSMAN** is Administrative Director of the Glenn M. Weaver Institute of Law and Psychiatry at the UC College of Law, and Professor and Director of the Division of Forensic Psychiatry at the Wright State University Boonshoft School of Medicine.

## Schedule

2:50 p.m. — Registration

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3:00 p.m. — Orientation: Blame and Responsibility in Psychiatry and Law  
Dr. Douglas Mossman, *University of Cincinnati College of Law & Wright State University*

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3:05 p.m. — Psychiatry in the 21st Century: How Contemporary Neuroscience Guides Clinical Formulation  
Dr. Douglas S. Lehrer, *Wright State University*

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3:40 p.m. — Criminal Responsibility and the New Neuroscience: Determinism and the Death of Folk Psychology  
Prof. Stephen J. Morse, *University of Pennsylvania*

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4:30 p.m. — Break

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4:45 p.m. — How are Responsibility Ascriptions Justifiable in Light of the Hot New Neuroscience-Inspired Determinism?  
Prof. John Bickle, *University of Cincinnati*

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5:20 p.m. — Obesity, Hunger, and the Law: When Should Society Intervene?  
Dean Valerie Hardcastle, *University of Cincinnati*

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5:55 p.m. — Panel Discussion  
Participants:  
Dr. Stephen Strakowski, *University of Cincinnati*  
Dean Glen Weissenberger, *DePaul University*

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6:15 p.m. — Closing Remarks and Adjournment

## REGISTRATION INFORMATION

# Revising the Frontiers of Responsibility and Blame: How Neuroscience is Reshaping Philosophy and the Criminal Law

October 11, 2007

3:00 p.m. - 6:15 p.m.

This symposium is free and open to the public. Seating is limited, however, so advance registration is recommended.

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
Firm or Affiliation: \_\_\_\_\_  
Day Telephone: \_\_\_\_\_ E-mail Address: \_\_\_\_\_  
Number of Guests: \_\_\_\_\_

Please respond by faxing this card to 513-556-1236 or by sending your response via mail to the University of Cincinnati College of Law, The Glenn M. Weaver Institute of Law and Psychiatry, PO Box 210040, Cincinnati, OH 45221-0040. If you have questions, please contact Toni McGuire via email at [toni.mcguire@uc.edu](mailto:toni.mcguire@uc.edu) or phone at 513-556-0090.