

Curriculum Vitae

Susan E. Rushing, MD, JD

Date: January 15, 2013

Office Address: Dr. Susan E. Rushing
Psychiatrist
3535 Market Street, 4th floor
Philadelphia, PA 19104
Susan.Rushing@uphs.upenn.edu

Education:

1995- 1999 B.S. Massachusetts Institute of Technology (MIT) (Brain and Cognitive Science)
1999- 2005 M.D. Yale School of Medicine
2002- 2005 J.D. Stanford Law School

Postgraduate Training and Fellowship Appointments:

2006-2007 Pediatrics Internship, Department of Pediatrics, Children's National Medical Center, Washington, DC
2007-2010 Psychiatry Residency, Department of Psychiatry, University of Pennsylvania, Philadelphia, PA
2010-2011 Forensic Psychiatry Fellowship, Department of Psychiatry, University of Pennsylvania, Philadelphia, PA

Faculty Appointments:

02/2011- present Assistant Professor, Department of Psychiatry,
University of Pennsylvania Perelman School of Medicine, Philadelphia, PA
08/2010- 01/2011 Clinical Associate, Department of Psychiatry,
University of Pennsylvania Perelman School of Medicine, Philadelphia, PA

Major Academic and Clinical Teaching Responsibilities:

1. Volunteer Faculty, Interdisciplinary Child Advocacy Clinic, and University of Pennsylvania Law School. (Biweekly seminar with outside of class supervision for student attorneys working in clinic) 09/01/2007- 05/30/2010.
2. Resident Supervisor, Department of Psychiatry, University of Pennsylvania School of Medicine (1:1 supervision of interns and residents) 07/01/2010-present.
3. Course Director, Forensic Psychiatry for Psychiatry Residents, Department of Psychiatry, University of Pennsylvania School of Medicine (Designed 13-part lecture series to survey major topics in Forensic Psychiatry). 07/01/2010-present
4. Lecturer in Perelman School of Medicine Pre-clinical Course: Brain and Behavior – Mental Illness and Criminal Culpability. Spring 2010 – Present
5. Faculty and Guest Lecturer in Dept. Psychiatry's weekly CME Seminar - Practical Applications in Forensic Psychiatry. (An extensive year-long interdisciplinary Forensic Psychiatry Seminar led by Dr. Robert Sadoff). 01/2011 – present
6. Attending Psychiatrist – Psychosomatic Medicine Service at HUP. Clinician supervising medical students, residents and fellows during their rotation in C&L psychiatry, which focuses on the management of the effects of complex medical illness on psychiatric disorders. Jan 2011- Dec 2012.
7. Attending Psychiatrist – Psychiatric Emergency Evaluation Center at HUP. Clinician supervising residents and fellows during their rotation in emergency psychiatry, which focuses on the diagnosis and management of acute psychiatric issues such as suicidality, homicidality, inability to care for self and acute psychiatric decompensation. Jan 2011- Dec 2012.

8. PREC 603.001 Next Witness: The Brain (Undergraduate Preceptorship discussing Modern neuro-imaging techniques and the admissibility of this evidence in criminal trials.) Spring 2012
9. FR601 2012 Bioethics and Professionalism – Lecturer and Small group leader in course for 4th year medical students. Spring 2011 and Spring 2012
10. Faculty Advisor Forensic Psychiatry Fellowship Spring 2011- present
11. Faculty Advisor Psychosomatic Medicine Fellowship Spring 2011 – present
12. CRIM-450: Criminology Thesis Advisor Spring 2012
13. Psychiatry Clinical Research Scholar Program (CRSP) project supervisor Spring 2012
14. CRIM – 340: Neurolaw - This course will expose students to the field of Neurolaw, drawing on concepts from neuroscience, psychology, psychiatry, ethics, philosophy, social policy, criminology, and law. The course will discuss how neuroscience is related to criminal culpability and civil liability, and how the legal system has responded to discoveries regarding brain development and cognitive disabilities. We will debate how the law should consider brain based abnormalities that result from degenerative brain disease, addiction, concussion due to sports injury and war trauma.
15. Faculty and Attending Psychiatrist, Penn Behavioral Health, Outpatient Psychiatry Clinic at 3535 Market Street. Jan 2013- present.

Hospital and Administrative Appointments:

- | | |
|---------------|---|
| 2011- present | Member, Medical-Legal Committee, University of Pennsylvania Health System |
| 2010- present | Member, Ethics Committee, Hospital of the University of Pennsylvania |
| 2009- present | Staff Psychiatrist with General Privileges, Behavioral Health, Philadelphia, PA Veterans' Administration Medical Center, Philadelphia, PA |
| 2007 -2010 | Resident Representative, Medical-Legal Committee, University of Pennsylvania Health System. |
| 2010-2011 | Psychiatrist with General Privileges and Special Privileges in Forensics Norristown State Hospital, Forensic Unit, Norristown, PA |

Other Appointments:

- | | |
|-----------------|--|
| 09/2007-08/2010 | Volunteer Faculty, University of Pennsylvania Law School, Philadelphia, PA |
| 07/2008-07/2010 | Clinical Research Scholars Program, University of Pennsylvania |

Specialty Certification:

Board Certified by American Board of Psychiatry and Neurology

Licensure:

Unrestricted Medical License in Pennsylvania
 License, California Bar Association, State Bar
 License, District of Columbia Court of Appeals Bar

Awards, Honors and Membership in Honorary Societies:

- | | |
|------------|--|
| 2010 | Faculty, Center for Neuroscience and Society |
| 2009, 2010 | Fellow, Scattergood Program for Applied Ethics of Behavioral Health |
| 2010 | Fellow, College of Physicians of Philadelphia, PA |
| 2010 | Fellow, Center for Neuroscience and Society |
| 2010 | Fellow, American Psychiatric Institute for Research and Education (APIRE), Junior Investigator's Research Colloquium |

Memberships in Professional & Scientific Societies and Other Professional Activities:

International:

None

National:

2005-present American Bar Association (ABA)
 2007-present American Psychiatric Association (APA)
 2008- present American Academy of Psychiatry and Law (AAPL)
 Nov 2010 MacArthur Law and Neuroscience Project Task Force for Research Proposals

Local:

2010-present College of Physicians of Philadelphia, PA, Section of Medicine, Law and Ethics

Editorial Positions:

1999-2002 Yale Journal of Health Policy, Law, and Ethics
 2002-2003 Stanford Law and Policy Review
 2003-2005 Stanford Biolaw and Health Policy Society -SNIPs Journal
 2012 Journal of Psychiatry and Law, winter 2011

Peer Review:

2012 Expert Opinion on Medical Diagnostics

Lectures by Invitation:

May 4, 2006 “Mercury in Fish - FDA Guidelines for Pregnant Women and Children”
 Children’s National Medical Center, Dept. Pediatrics, Resident Didactics, Washington, DC
 Nov. 6, 2007 “Duty to Warn (*Tarasoff* and *Emrich*)”
 University of Pennsylvania, HUP Consult-Liaison Service, Philadelphia, PA
 March 13, 2008 “SSRIs and FDA Black Box Warnings”
 University of Penn. Dept. Psychiatry, Core Lecture Series for PGY3, Philadelphia, PA:
 Dec. 4, 2008 “Mental Health Expert Witness Reports”
 U Penn Law School, Interdisciplinary Child Advocacy Clinic, Philadelphia, PA
 March 16, 2009 “Brain and Behavior: Mental Status Examination Sessions”
 University of Penn., School of Medicine, Philadelphia, PA
 May 8, 2009 “Neuro-imaging as Evidence in the Courtroom and Legal Outcomes”
 University of Pennsylvania, Clinical Research Scholars Seminar, Philadelphia, PA
 Aug. 21, 2009 “IRB Applications and Limitations on Research”
 University of Pennsylvania, Clinical Research Scholars Seminar, Philadelphia, PA
 Sept 2, 2009 “Introduction to Criminal Law”
 University of Penn, Forensic Psychiatry Fellowship Lecture Series, Philadelphia, PA
 Sept 7, 2009 “Introduction to the American Legal System”
 Pennsylvania Hospital, 6 Spruce Lecture Series, Philadelphia, PA
 Sept. 14, 2009 “Medical Decision Making Capacity Evaluations”
 Pennsylvania Hospital, 6 Spruce Lecture Series, Philadelphia, PA
 Sept. 21, 2009 “Duty to Warn”
 Pennsylvania Hospital, 6 Spruce Lecture Series, Philadelphia, PA
 Sept 23, 2009 “Introduction to Torts”
 University of Penn., Forensic Psychiatry Fellowship Lecture Series, Philadelphia, PA
 Sept 24, 2009 “Civil Commitment Law for Children and Adolescents”
 CHOP, Child and Adolescent Fellowship, Philadelphia, PA
 Sept. 25, 2009 “Civil Commitment in Pennsylvania”
 Pennsylvania Hospital, 6 Spruce Lecture Series, Philadelphia, PA
 Oct 9, 2009 “Neuro-imaging as Evidence in the Courtroom and Legal Outcomes”

- University of Pennsylvania, Clinical Research Scholars Seminar, Philadelphia, PA
 Nov. 6, 2009 “Decision Making Capacity and Federal Law”
 Psychosomatic Medicine Interest Group, Philadelphia, PA
- Nov. 9, 2009 “Mental Health Expert Witness Reports”
 University of Penn. Law School, Interdisc. Child Advocacy Clinic, Philadelphia, PA
- Jan 21, 2010 “Neurolaw” Mind and the Brain Series,
 University of Pennsylvania, Dept. Psychiatry, University of Penn., Philadelphia, PA
- Feb 23, 2010 “Medical Decision Making Capacity Evaluations”
 University of Penn. Core Lecture Series for 2nd Year Residents, Philadelphia, PA
- March 2, 2010 “Civil Commitment in Pennsylvania”
 University of Penn. Core Lecture Series for 2nd Year Residents, Philadelphia, PA
- April 6, 2010 Keynote Lecture: “A Historical Perspective on the Insanity Defense”
 University of Penn. School of Medicine, Brain and Behavior, Philadelphia, PA
- May 20, 2010 “Neuro-imaging of Capital Defendants”
 University of Pennsylvania, Clinical Research Scholars Seminar, Philadelphia, PA
- May 28, 2010 “A Comparative Analysis of Functional Imaging of Persons who Committed
 Capital Murder”
 American Psychiatric Institute for Research and Education, New Orleans, LA
- June 9, 2010 “Law and Ethics in Psychiatry”
 University of Pennsylvania, Dept, Psychiatry, Lecture Series for PGY1, Philadelphia, PA
- July 28, 2010 “Medical Decision Making Capacity and Medical Record Documentation”
 University of Pennsylvania, Dept, Psychiatry, Crash Course PGY2, Philadelphia, PA
- Aug. 4, 2010 “Involuntary Commitment and Medical Decision Making Capacity”
 University of Pennsylvania, Dept, Psychiatry, Crash Course Interns, Philadelphia, PA
- Sept. 8, 2010 “Duty to Warn: Tarasoff and Emrich Case Law”
 University of Pennsylvania, Dept, Psychiatry, Crash Course Interns, Philadelphia, PA
- Oct. 6, 2010 “Review of Limitations on Advanced Directives in PA”
 University of Penn., Dept. Psychiatry, Residents M&M Conference, Philadelphia, PA
- Nov. 8, 2010 “Capacity and Pennsylvania Law”
 Penn Memory Center/Geriatric Psychiatry lunchtime seminar, Philadelphia, PA
- Nov. 15, 2010 “Capacity and Pennsylvania Law”
 University of Pennsylvania, Psychosomatic Fellowship Lecture Series, Philadelphia, PA
- Dec. 7, 2010 “Forensic and Statutory Issues in C/L Psychiatry: Risk Management and Ethics”
 University of Pennsylvania, Practical Applications in Forensic Psychiatry, Philadelphia, PA
- Dec. 8, 2010 “Against Medical Advise (AMA) Discharge of Patients who Lack Capacity”
 HUP Internal Medicine Hospitalist lunchtime seminar, U. Penn, Philadelphia, PA
- Dec. 13, 2010 “Physician Suicide Prevention”
 University of Pennsylvania, Dept. Radiology, Resident’s Conference, Philadelphia, PA
- Jan. 25, 2011 “Mentally Ill and Violent, Is Prevention Possible?”
 University Penn. Dept. Psychology, Neuroethics Student Interest Group, Philadelphia, PA
- Feb. 3, 2011 “Neurolaw” Mind and the Brain Series, Psychiatry Resident’s Conference
 University of Pennsylvania, Dept. Psychiatry, Philadelphia, PA
- Feb. 17, 2011 “Decision Making Capacity, Surrogate Decision Makers, and the Law”
 Law & Brain Student Group Public Lectures, Penn Law School, Philadelphia, PA
- April 5, 2011 “Keynote Lecture: “A Historical Perspective on the Insanity Defense”
 University of Penn. School of Medicine, Brain and Behavior, Philadelphia, PA
- April 19, 2011 “Ongoing Research: Neuroimaging of Capital Defendants”
 University of Pennsylvania, Practical Applications in Forensic Psychiatry, Philadelphia, PA
- June 3, 2011 “Capital Case Workshop - Dealing with Defendants with Psychiatric Disorders in

Capital Cases”

- Pennsylvania Bar Institute’s 28th Annual Criminal Law Symposium, Harrisburg, PA
June 7, 2011 “Substance Induced Psychosis,” Symptoms of Psychoses throughout the Lifespan,
Schizophrenia Research Center, Neuropsychiatry Program, U. Penn, Philadelphia, PA
July 14, 2011 “Current Clinical Controversies in Psychiatry – Neuroethics & The Law”
2011 Residency Colloquium, University of Penn., Dept. Psychiatry, Philadelphia, PA
August 12, 2011 “Legal Aspects of Professionalism - Pitfalls and Duties”
University of Pennsylvania, Dept. Psychiatry, Philadelphia, PA
Aug. 4, 2011 “Involuntary Commitment and Medical Decision Making Capacity”
University of Pennsylvania, Dept. Psychiatry, Crash Course Interns, Philadelphia, PA
Sept.14, 2011 “Introduction to Forensic Psychiatry”
University of Pennsylvania, Dept. Psychiatry, Crash Course Interns, Philadelphia, PA
Oct. 5, 2011 “Advanced Directives, Guardianship, and Safety Issues for Geriatric Patients”
University of Pennsylvania, Penn Memory Center at Ralston House, Philadelphia, PA
Oct. 12, 2011 “Duty to Warn and Documentation of Warnings”
University of Pennsylvania, Penn Memory Center at Ralston House, Philadelphia, PA
Oct. 14, 2011 “Ethics and the Neuroscience Revolution: Assessing Medical Decision Making
Capacity and Respecting Patient Autonomy.”
KCUMB University Lecture Series, Bioethics Program, Kansas City, MO
Oct. 28, 2011 “Research in Progress - Cerebral Glucose Metabolism in Persons Accused of
Capital Murder.”
American Academy of Psychiatry and Law, 42nd Annual Meeting, Boston, MA
Nov. 18, 2011 "Managing High Risk Clinical Scenarios for the Inpatient Consultation Psychiatrist:
My Patient Lacks Decision Making Capacity - Now What? Assigning Surrogate Decision
Makers in the Acute Care Setting.”
Academy of Psychosomatic Medicine, 58th Annual Meeting, Phoenix, AZ
Dec. 8. 2011 “Psychiatric Consultation on Hospitalized Patients in Police Custody”
Psychosomatic Medicine Interest Group, Philadelphia, PA
Feb. 7. 2012 PREC 603.001 “Next Witness: the Brain”
Preceptorial at the College of Arts and Sciences, U.Penn, Philadelphia, PA
Feb. 20. 2012 “Assessing Decision making capacity in Adults” and “Ethical and Legal Duties to
Patients, Confidentiality and Truth Telling.”
FR601 2012 Bioethics and Professionalism, U.Penn School of Medicine, Philadelphia, PA
April 3, 2012 Keynote Lecture: “A Historical Perspective on the Insanity Defense”
University of Penn. School of Medicine, Brain and Behavior, Philadelphia, PA
April 3, 2012 “Admissibility of Neuro-Imaging” University of Pennsylvania, Practical Applications
in Forensic Psychiatry, Philadelphia, PA
April 26, 2012 “Misuse of Involuntary Commitment for Patients Lacking Capacity to Make Medical
Decisions and Refusing Medical Care in a Medical Facility,” Philadelphia Area Society for
Healthcare Risk Management (PASHRM), Plymouth Meeting PA
May 8, 2012 “Updated Applications of Expert Psychiatric Testimony in Criminal Justice; Legal
Relevance of Brain Function: Admissibility of Nuclear Imaging Following Traumatic Brain
Injury. American Psychiatric Association, 165th Annual Meeting. Philadelphia, PA.
May 16, 2012 “Medical Decision Making Capacity Evaluations” University of Penn. Core Lecture
Series in Psychosomatic Medicine for Psychiatry Residents, Philadelphia, PA
May 23, 2012 “Act 169 – Medical Decision Making Capacity and Pennsylvania’s Legally
Authorized Representatives.” Office of General Council of the University of Pennsylvania.
Continuing Legal Education Seminar, Philadelphia, PA
June 4, 2012 “Neurolaw - Expert Testimony Session and Mock Trial.” Center for Neuroscience and

Society, Penn Fellowships in Neuroscience & Society. Philadelphia, PA

Organizing Roles in Scientific Meetings:

- Feb. 2005 Stanford Biolaw and Health Policy Society (Co-Organizer) of *Brave New Law*, a conference on medical, legal and ethical issues around pre-implantation genetics, Stanford, CA

Bibliography:

Research Publications, peer reviewed (print or other media):

1. Rushing SE, Langleben D. Relevant Functioning –Nuclear Brain Imaging in U.S. Courts. *Journal of Psychiatry & Law*, 39(4) 567-594. Winter 2011.
2. Hayempour BJ, Rushing SE, Alavi1 A. The Role of Neuroimaging in Assessing Neuropsychological Deficits following Traumatic Brain Injury. *Journal of Psychiatry & Law*, 39(4) 537-566. Winter 2011.
3. Rushing SE, Ment LR. Preterm Birth: A Cost Benefit Analysis. *Seminars in Perinatology* 28(6) 444-450, 2004 Dec.
4. Rushing SE, Jean-Baptiste M. Two Cases of Brief Psychiatric Disorder Related to Media Coverage of the September 11, 2001 Events. *Journal of Psychiatric Practice* 9(1):87-90, 2003 Jan.
5. Murphy WJ, Funakoshi S, Beckwith M, Rushing SE, Conley DK, Armitage RJ, et al. Antibodies To CD40 Prevent Epstein-Barr Virus-Mediated Human B-Cell Lymphomagenesis In Severe Combined Immune Deficient Mice Given Human Peripheral Blood Lymphocytes. *Blood*. 86(5):1946-53, 1995 Sept.

Contributions to peer-reviewed clinical research publications, participation cited but not by authorship:

1. Potter, M. C., Chun, M. M., Banks, B. S., & Muckenhaupt, M. (1998). Two attentional deficits in serial target search: The visual attentional blink and an amodal task-switch deficit. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 24, 979-992.

Abstracts:

1. Rushing, SE, Gur, RC. Brain Structure and Metabolism of Cerebral Blood Flow in Persons who Commit Violent Acts. Abstract in *APIRE, Research Colloquium for Junior Investigators, May 2010*.
2. Stinnett, J, Weinrieb, R, Rosenthal, L Dube, B, Kim, D, Rushing, S, Managing High Risk Clinical Scenarios for the Inpatient Consultation Psychiatrist. Abstract in *APM 2011 Conference Program; Track: ICU/Acute Psych, Nov. 2011*.
3. Rushing, SE, Gur, RC. Cerebral Glucose Metabolism in Persons Accused of Capital Murder.” Abstract in *AAPL 2011 Conference Program; Research in Progress, Oct. 2011*.

Editorials, Reviews, Chapters, including participation in committee reports (print or other media):

1. Maust D, Cristancho M, Gray L, Rushing S, Tjoa J and Thase M (2012). Psychiatric Rating Scales. In: T Schlaepfer and C Nemeroff (Eds.), *Handbook of Clinical Neurology, Neurobiology of Psychiatric Disease*. Elsevier, Edinburgh. July 2012: 106 (3) 227-238.
2. Rushing, SE and Langleben, D (2012). Nuclear Neuro-imaging, PET and SPECT. In: J. Simpson (ed.) *Neuroimaging in Forensic Psychiatry: From the Clinic to the Courtroom*. Wiley-Blackwell, West Sussex, 2012 (1): 3-26.
3. Rushing SE, Sadoff RL (2011). Are Hospital Records that Document Adverse Events Privileged? *JAAPL* 2011: 39 (2) 260-262.
4. Rushing SE, Genel M, Our Porous Safety Net for Children. *Arch Pediatr Adolesc Med* 2005: 159: 1080-1081 Nov.

Books:

1. Rushing SE, The Crisis of Uninsured Children in America – Is Lack of Health Insurance Really the Problem? Yale School of Medicine Press (2005).

Alternative Media:

1. Rushing SE. Staff Guidelines re: AMA Discharge Requests from Patients who Lack Decision Making Capacity. http://uphsxnet.uphs.upenn.edu/act169/staff_guides.html Nov. 2010
2. Narrator for: Empower Interactive, Good Days Ahead: The Interactive Program for Depression and Anxiety 2012 (<https://demo.gooddaysahead.com/about>)
3. Rushing SE. Staff Guidelines re: Decision Making Capacity http://uphsxnet.uphs.upenn.edu/act169/staff_guides.html June 2012

PAST GRANT SUPPORT

NAME Susan E. Rushing DEPARTMENT Psychiatry DATE August 2010

Grant Name & Sponsor Number Period of Award Grant Category* Role in Grant** % Effort Funding Source Annual Direct Cost Additional Comments***

1. **Clinical Research Scholars Program, NIH, 2008-2009, TG, trainee, 25% NIH**
 NIH R25 MH60490-11 (Dr. Evans, PI)

2. **Clinical Research Scholars Program, NIH, 2009-2010, TG, trainee, 50% NIH**
 NIH R25 MH60490-11 (Dr. Evans, PI)

CURRENT GRANT SUPPORT

NAME _____ DEPARTMENT _____ DATE _____

Grant Name & Sponsor Number Period of Award Grant Category* Role in Grant** % Effort Funding Source Annual Direct Cost Additional Comments***

1. **NONE**

*For **Grant Category**, use code in bold from the following menu

- | | |
|---|--|
| R01 NIH R01 | CT Clinical Trials |
| PP NIH Program Project, Center or Core Grants | TG Training Grants |
| FG Federal Grants - Other (including other individual NIH grants and grants from VA, NSF, Dept. of Energy, etc.) | IG Industrial Grants (including pharmaceutical) |
| FM Fellowship (management) | PG Private Foundation Grants (including internal Penn grants) |
| | O Other |

** For program projects, specify whether PI, co-leader or project leader. For center, core and training grants, similarly specify your role.

*** Include any additional, brief information. For clinical trials, for example, specify if multicenter or single center and indicate role of Penn site. Explain any grants in "Other" category.

If space is needed for more entries, use an additional sheet.