

## **Curriculum Vitae**

*Denise Jackson, Ph.D.*  
*Associate Professor of Psychology*  
*Research Specialization: Neuroscience*

### **BUSINESS ADDRESS**

Psychology Department  
Northeastern University  
360 Huntington Avenue (125 NI)  
Boston, MA 02115-2000

### **CONTACT INFORMATION**

Telephone: 617-373-3860  
Telefax: 617-373-8714  
E-Mail: D.Jackson@neu.edu

### **PERSONAL INFORMATION**

Birthdate: February 14, 1959

Citizenship: United States

### **EDUCATION**

1990 University of Pittsburgh Ph.D., Behavioral Neuroscience  
Doctoral Dissertation: Dopaminergic inhibition of striatal acetylcholine release: The impact of 6-hydroxydopamine, l-dihydroxyphenylalanine, and nigral transplants

1983 University of Massachusetts, Boston B.S., Biology and Psychology

### **RESEARCH INTERESTS**

*Biochemical, behavioral and anatomical effects of marijuana on psychomotor behavior, impulsiveness, and aggression in a rodent model of prenatal drug exposure*

*Psychomotor Stimulant Exposure: Neuroanatomical, neurochemical, and behavioral consequences of prenatal cocaine exposure on monoaminergic brain circuits*

*Extrapyramidal Movement Disorders: Neurochemical alterations in Parkinson's disease; the role of dopamine in the therapeutic efficacy of l-dihydroxyphenylalanine*

### **WORK HISTORY**

July 2000 – present

Associate Professor  
Psychology Department,  
Northeastern University

Assistant Professor  
Psychology Department,  
Northeastern University

Post-Doctoral Fellow

September 1994 - June 2000

December 1990 - August 1994

January 1984 - May 1984

Department of Psychiatry,  
University of California at  
San Diego  
Research Technician

Dana Farber Cancer Institute,  
Boston, MA

September 1981 - May 1984

Math Instructor  
Upward Bound Program,  
University of Massachusetts  
at Boston, Boston, MA

### **PROFESSIONAL AFFILIATIONS**

1986-1989 The New York Academy of Sciences  
1986-1988 Women in Neuroscience  
1985- Society for Neuroscience

### **ACADEMIC AWARDS**

Post-Doctoral Research Fellowship, National Science Foundation, January 1991 - December 1993  
Pre-Doctoral Research Training Grant, Minority Fellowship Program, American Psychological Association, September 1988 - September 1990  
Graduate Professional Opportunities Program Fellowship, University of Pittsburgh, September 1984 - August 1987  
Annual Teaching Award, College Preparatory Program, University of Massachusetts, Boston, May, 1983  
Convocation Award in Biology, University of Massachusetts, Boston, May, 1983  
Undergraduate Research Fellowship, National Science Foundation Grant, University of Massachusetts, Boston, May 1980 - September 1981

### **TRAVEL AWARDS**

Federation of American Societies for Experimental Biology, Conference on Biological Vulnerability to Alcoholism and Drug Abuse, Copper Mountain, Colorado, 1999  
Gordon Conference, Meeting on Catecholamines, Oxford, United Kingdom, 1999  
Federation of American Societies for Experimental Biology, Conference on Drug Abuse, Copper Mountain, Colorado, 1997  
Gordon Conference, Meeting on Catecholamines, Andover, New Hampshire, 1997  
Gordon Conference, Meeting on Catecholamines, Barga, Italy, 1995  
American College of Neuropsychopharmacology Annual Meeting, Mead-Johnson Pharmaceuticals, San Juan, Puerto Rico, 1993  
American Physiological Society, Conference on Physiology and Pharmacology of Motor Control, San Diego, California, 1993  
Gordon Conference, Meeting on Catecholamines, Andover, New Hampshire, 1993

American College of Neuropsychopharmacology Annual Meeting, Minority Post-Doctoral Travel Fellowship, San Juan, Puerto Rico, 1991  
New York Academy of Science, Conference on Serotonin, University of Pittsburgh Travel Fellowship, New York, 1989  
Society for Neuroscience, Minority Travel Fellowship, 19th Annual Meeting, Phoenix, Arizona, 1989  
Society for Neuroscience, Minority Travel Fellowship, 17th Annual Meeting, New Orleans, Louisiana, 1987

## **GRANTS**

### Extramural

\$925,000 National Institutes of Health  
Adolescent cocaine: serotonin/vasopressin on aggression  
PI: Richard Melloni, Collaborator: Denise Jackson  
Awarded: March 2003

\$35,000 National Science Foundation, Minority Faculty Starter Grant,  
June 1998 - 1999 IBN-9729246

\$350,000 National Institutes of Health, National Institute of Drug Abuse,  
February 1998 - 2003 R29-DA10933

### Intramural

\$6,856 Office of the Provost, Northeastern University, Support Fund for Black and Hispanic Faculty,  
June 1995 - 1996

\$14,950 Office of the Provost Research and Scholarship Development Fund,  
Northeastern University,  
July 2000 - July 2001

## **PUBLICATIONS**

### Peer- Reviewed Journal Articles

#### *Published Work:*

Trksak, G.H., Glatt, S.J., Mortazavi, F., And Jackson, D. (epub 2007) A meta-analysis of animal studies on disruption of spatial navigation from prenatal cocaine, submitted to *Neurotoxicology and Teratology*, **29**, 520-7.

Jackson, D., Burns, R., Trksak, G.H., Simeone, B., Deleon, K.R., Harrison, R.J., and Melloni, R.H. Jr. (2005) Anterior hypothalamic vasopressin modulates the aggression stimulating effects of adolescent cocaine exposure in Syrian hamsters, *Neuroscience*, **133**, 635-646.

Glatt, S.J., Trksak, G.H., Cohen, O.S., Simeone, B.P., and Jackson, D. (2004) Prenatal cocaine exposure decreases nigrostriatal dopamine release *in vitro* by increasing presynaptic dopamine reuptake: effects of age and sex, *Synapse*, **53**, 74-89.

Bolaños, C. A., Trksak, G.H., Cohen, O.S., and Jackson, D.: Differential serotonergic inhibition of *in vitro* striatal [3H]acetylcholine release in prenatally cocaine-exposed male and female rats (2002) *Prog. Neuro-Psychopharmacol. Biol. Psychiatry*, **26**, 1339-1348.

Connor, D.F., Glatt, S.J., Lopez, I.D., Jackson, D., and Melloni, R.H., Jr., Psychopharmacology and Aggression: I. A meta-analysis of stimulant effects on overt/covert aggression related to behaviors in ADHD (2002) *Journal of the American Academy of Child and Adolescent Psychiatry*, **41**, 1-9.

Glatt, S.J., Bolanos, C.A., Trksak, G.H., and Jackson, D. Developmental effects of prenatal cocaine on dopamine neurons: a meta-analysis (2000) *Neurotoxicology and Teratology*, **22**, 617-629.

Bolanos, C.A., Glatt, S.J., Trksak, G.H., and Jackson, D. Prenatal cocaine exposure increases serotonergic inhibition of electrically-evoked striatal acetylcholine release (2000) *Synapse*, **36**, 1-11

Glatt, S.J., Bolanos, C.A., Trksak, G.H., Crowder-Dupont, C., and Jackson, D. Prenatal cocaine exposure increases behavioral and neurochemical sensitization to amphetamine in adult rats, (2000) *Neuropharmacology*, **39**, 599-610

Bolanos, C.A., Glatt, S.J., and Jackson, D. Nigrostriatal subsensitivity to dopaminergic drugs in periadolescent rats: A behavioral and neurochemical analysis (1998) *Developmental Brain Research*, **111**, 25-33.

Mura, A., Jackson, D., Manley, M.S., Young, S.J., and Groves, P.M. AADC-immunoreactive cells as a possible site for the conversion of exogenous L-DOPA to dopamine (1995) *Brain Research*, **704**, 51-60.

Jackson, D., Abercrombie, E.D., and Zigmond, M.J. The regulation of striatal acetylcholine release by L-DOPA: Effects of 6-hydroxydopamine (1993) *Journal of Pharmacology and Experimental Therapeutics*, **267**, 912-918.

Jackson, D. and Abercrombie, E.D. In vivo neurochemical evaluation of striatal serotonergic hyperinnervation in rats depleted of dopamine at infancy (1992) *Journal of Neurochemistry*, **58**, 890-897.

Jackson, D. and Zigmond, M.J. Regulation of striatal ACh release by DA after nigrostriatal bundle lesions (1990) *Annals of the New York Academy of Sciences*, **604**, 606-608.

Carder, R.K., Jackson, D., Morris, H.J., Lund, R.D., and Zigmond, M.J. Dopamine released from mesencephalic transplants restores modulation of striatal acetylcholine release after neonatal 6-hydroxydopamine (1989) *Experimental Neurology*, **105**, 251-259.

Jackson, D., Stachowiak, M.K., Bruno, J.P., and Zigmond, M.J. Inhibition of striatal acetylcholine by endogenous serotonin (1988) *Brain Research*, **457**, 259-266.

Jackson, D., Bruno, J.P., Stachowiak, M.K., and Zigmond, M.J. Inhibition of striatal acetylcholine release by serotonin and dopamine after the intracerebral administration of 6-hydroxydopamine to neonatal rats (1988) *Brain Research*, **457**, 267-273.

Bruno, J.P., Jackson, D., Zigmond, M.J., and Stricker, E.M. Effect of dopamine-depleting brain lesions in rat pups: role of striatal serotonergic neurons in behavior (1987) *Behavioral Neuroscience*, **101**, 806-811.

#### Book Chapters

Groves, P.M., Jackson, D., Linder, J.C., Manley, M.S., Ryan, L.J., and Young, S.J. Neuroanatomical consequences of psychostimulant drugs: Effects after adult and prenatal exposure (1994) *Strategies for Studying Brain Disorders*, Editorial Complutense, Madrid, Spain, 167-188.

#### Work Submitted to Peer-Reviewed Journals

#### Works in Progress

### **PRESENTATIONS**

#### Abstracts and Conferences

Trksak, G.H., Mortazavi, F., and Jackson, D. Serotonergic modulation of nigrostriatal dopamine and acetylcholine neurons in prenatal cocaine exposed juvenile rats (2004) *Soc. Neurosci. Abstr.*

Mortazavi, F., Trksak, G.H., and Jackson, D. GABAergic inhibition of striatal acetylcholine release in prenatal cocaine-exposed rats (2004) *Soc. Neurosci. Abstr.*

Mortazavi, F. M., Jackson, D., Nickerson, A.L., and Trksak, G.H. Long-term consequences of prenatal cocaine exposure on motor and striatal function in aged male rats. (2003) *Soc. Neurosci. Abstr.*, **29**

Trksak, G.H., Mortazavi, F. M., Glatt, S.J.\*, Keeler, L.D. and Jackson, D. Prenatal cocaine exposure results in age-dependent alterations in the serotonergic modulation of striatal dopamine and acetylcholine release (2002) *Soc. Neurosci. Abstr.*, **28**,

Mortazavi, F.M., Leis, J.A., Trksak, G.H., and Jackson, D. Effects of intrastriatal injections of dopaminergic and cholinergic drugs on stereotypical behavior in prenatally cocaine exposed rats (2002) *Soc Neurosci Abstr*, **28**,

Jackson, D., Melloni, R.H., Bolanos, C.A., and Burns, R.H. The effects of prenatal cocaine exposure on hypothalamic arginine vasopressin neurons in golden hamsters (2000) *Society for Neuroscience Abstracts*, **26**, 268.

Burns, R.H., Jackson, D., and Melloni, R.H. Adolescent cocaine, vasopressin, and aggression in hamsters (2000) *Society for Neuroscience Abstracts*, **26**, 1769.

Trksak, G.H., Hudson, J.L., Cohen, O.S., Glatt, S.J., and Jackson, D. Effects of prenatal cocaine exposure on dopamine release from superfused rat striatal slices: cytoplasmic vs. vesicular pools (2000) *Society for Neuroscience Abstracts*, **26**, 387.

Glatt, S.J., Bolanos, C.A., Trksak, G.H., and Jackson, D. Prenatal cocaine exposure impairs endogenous dopamine release from nigrostriatal neurons; a developmental analysis (1999) Gordon Conference, Oxford, United Kingdom.

Bolanos, C.A., Glatt, S.J., Trksak, G.H., and Jackson, D. Serotonin regulation of nigrostriatal neurons is altered by prenatal cocaine exposure (1999) Gordon Conference, Oxford, United Kingdom.

Glatt, S.J., Bolanos, C.A., Trksak, G.H., and Jackson, D. Prenatal cocaine exposure impairs endogenous dopamine release from nigrostriatal neurons; a developmental analysis (1999) *Society for Neuroscience Abstracts*, **25**, 952.

Bolanos, C.A., Glatt, S.J., Trksak, G.H., and Jackson, D. Serotonergic regulation of cholinergic neurons is altered by prenatal cocaine exposure (1999) *Society for Neuroscience Abstracts*, **25**, 952.

Bolanos, C.A., Trksak, G., Glatt, S.J. and Jackson, D. Serotonergic modulation of striatal acetylcholine release after prenatal cocaine (1998) *Society for Neuroscience Abstracts*, **24**, 108.

Jackson, D., Glatt, S.J., Bolanos, C.A. Dopamine modulation of striatal acetylcholine release varies during the rat estrus cycle (1997) *Society for Neuroscience Abstracts*, **23**, 1212.

Glatt, S.J., Bolanos, C.A., and Jackson, D. Differential sensitizing effects of prenatal cocaine on amphetamine-induced motor behavior (1997) *Society for Neuroscience Abstracts*, **23**, 262.

Bolanos, C.A., Glatt, S.J., and Jackson, D. Nigrostriatal subsensitivity to dopaminergic drugs in periadolescent rats: A neurochemical and behavioral analysis (1997) *Society for Neuroscience Abstracts*, **23**, 1212.

Jackson, D., Abel, S.L., and Bolanos, C.A. Effects of prenatal cocaine on dopaminergic modulation of acetylcholine release from striatal slices of juvenile rat offspring (1996) *Society for Neuroscience Abstracts*, **22**, 1886.

Bolanos, C.A., Abel, S.L., and Jackson, D. Ontogenetic effects of nomifensine on dopaminergic modulation of striatal acetylcholine release (1996) *Society for Neuroscience Abstracts*, **22**, 360.

Jackson, D. Effects of prenatal cocaine on rat nigrostriatal dopamine neurons (1995) Gordon Conference, Barga, Italy.

Jackson, D. Effects of prenatal cocaine exposure on dopaminergic regulation of striatal acetylcholine release in adult female rats (1995) *Society for Neuroscience Abstracts*, **21**, 96.

Jackson, D. Acetylcholine release in male and female rats: Effects of prenatal cocaine during development (1995) San Juan, Puerto Rico, American College of Neuropsychopharmacology, 34<sup>th</sup> Annual Meeting.

Mura, A., Jackson, D., Young, S.J., and Groves, P.M. Neuroanatomical and behavioral effects of chronic L-DOPA administration in DA-depleted rats (1994) *Society for Neuroscience Abstracts*, **24**, 175.

Jackson, D., Mura, A., Manley, M.S., Young, S.J., and Groves, P.M. Effects of L-dihydroxyphenylalanine on nigrostriatal dopamine immunoreactivity in 6-hydroxydopamine-lesioned rats (1993) *The Physiologist*, **36**, A-11.

Jackson, D., Manley, M.S., Manley, L.D., Young, S.J., and Groves, P.M. Effects of cocaine on striatal tyrosine hydroxylase immunoreactivity in pregnant rats (1993) *Society for Neuroscience Abstracts*, **19**, 1852.

Mura, A., Jackson, D., Young, S.J., and Groves, P.M. The presence of dopamine-immunoreactive cells in 6-hydroxydopamine lesioned rats treated with L-dihydroxyphenylalanine (1993) *Society for Neuroscience Abstracts*, **19**, 1049.

Jackson, D., Manley, M.S., Manley, L.D., Young, S.J., and Groves, P.M. Effects of prenatal cocaine exposure on striatal tyrosine hydroxylase immunoreactivity (1992) *Society for Neuroscience Abstracts*, **18**, 366.

Manley, M.S., Jackson, D., Manley, L.D., Young, S.J., and Groves, P.M. Increased serotonin immunoreactivity in striatum and cortex of adult rats treated prenatally with cocaine (1992) *Society for Neuroscience Abstract*, **18**, 366.

Zigmond, M.J. and Jackson, D. Modulation of striatal acetylcholine release after 6-hydroxydopamine lesions: evidence for extrasynaptic transmission (1992) *International Catecholamine Symposium*, Amsterdam, The Netherlands, **7**, 362.

Groves, P.M., Garcia-Munoz, M., Young, S.J., Linder, J.C., Jackson, D., Manley, M.S., and Manley, L.D. Excitability, morphology, and neuropharmacology of dopaminergic and other neostriatal afferent axons (1991) *Neuroscience Information Exchange*, University of California at San Diego, **12**, 13.

Jackson, D., Vojta, B.A., and Zigmond, M.J. Modulation of striatal acetylcholine release after 6-hydroxydopamine (1991) *Society for Neuroscience Abstracts*, **17**, 987.

Jackson, D., Leonhardt, S., Teitler, M., Zigmond, M.J., and Abercrombie, E.D. Effects of raphe hyperinnervation on striatal serotonergic neurotransmission in rats depleted of dopamine as neonates (1990) *Society for Neuroscience Abstracts*, **16**, 1034.

Jackson, D. and Zigmond, M.J. DOPA-induced inhibition of striatal acetylcholine release: increased effectiveness after 6-hydroxydopamine (1989) *Society for Neuroscience Abstracts*, **15**, 124.

Jackson, D., Stachowiak, M.K., Bruno, J.P., Abercrombie, E.D., and Zigmond, M.J. Nigrostriatal bundle lesions in neonatal rats increase striatal serotonin: functional implications (1989) Gordon Conference, New Hampshire.

Zigmond, M.J., Abercrombie, E.D., Snyder, G.L., Carder, R.K., Jackson, D., and Lund, R.D. Compensating for nigrostriatal bundle injury: endogenous hyperactivity and the impact of L-DOPA and transplantation (1989) *American Neurological Association*, 114<sup>th</sup> Annual Meeting, New Orleans, Louisiana.

Jackson, D., Bernath, S., Bruno, J.P., and Zigmond, M.J. Age-dependent effects of nigrostriatal lesions on dopaminergic modulation of acetylcholine release (1988) *Society for Neuroscience Abstracts*, **14**, 1075.

Carder, R.K., Jackson, D., Morris, H.J., Lund, R.D., and Zigmond, M.J. Mesencephalic transplants restore dopaminergic modulation of striatal acetylcholine after 6-HDA (1988) *Society for Neuroscience Abstracts*, **14**, 888.

Bernath, S., Jackson, D., and Zigmond, M.J. Multiple effects of dopamine on GABA efflux from rat striatum: role of D<sub>1</sub> and D<sub>2</sub> receptors and GABA uptake (1988) *Society for Neuroscience Abstracts*, **14**, 115.

Zigmond, M.J., Snyder, G.L., Jackson, D., and Keller, R.W., Jr. Dopamine release from nigrostriatal neurons: effects of partial injury and L-DOPA in an animal model (1988) *International Symposium on Parkinson's Disease*, **9**, 18.

Jackson, D., Bruno, J.P., Stachowiak, M.K., and Zigmond, M.J. Nigrostriatal bundle lesions in neonates: increased 5-HT but decreased modulation by 5-HT of cholinergic interneurons (1987) *Society for Neuroscience Abstracts*, **13**, 313.



Jackson, D., Stachowiak, M.K., Bruno, J.P., Stricker, E.M., and Zigmond, M.J. Endogenous serotonin inhibits *in vitro* acetylcholine release from caudal but not rostral striatum (1986) *Society for Neuroscience Abstracts*, **12**, 234.

Bruno, J.P., Jackson, D., Zigmond, M.J., and Stricker, E.M. Increases in striatal serotonin are not necessary for weaning in dopamine-depleted rat pups (1985) *Society for Neuroscience Abstracts*, **11**, 50.

## **INVITED TALKS**

Research Seminar, Center for Molecular and Behavioral Neuroscience, Rutgers University, 2016  
Speaker, MIT Premedical Symposium, 2015  
Speaker, Annual Biomedical Research Conference for Minority Students, 2012 -2013  
Speaker, Science and Engineering Academic Support Network, New England Board of Higher Education, Fourth Annual Network Meeting, Boston Massachusetts, October 2002  
Keynote Speaker, Undergraduate Research Conference, University of Massachusetts, Boston, May 1999  
Research Colloquium, Department of Pharmacology and Neuroscience, Albany Medical College, May 1998  
Moderator of Poster Session, Gordon Conference on Catecholamines, New Hampshire, July 1997  
Biomedical Science Colloquium, Department of Pharmaceutical Sciences, Northeastern University, April 1997  
Keynote Speaker, Science and Engineering Academic Support Network, New England Board of Higher Education, Fourth Annual Network Meeting, Boston Massachusetts, October 1995  
Guest Speaker, APA Minority Fellowship Program Summer Workshop, Marine Biological Laboratory, Woods Hole, Massachusetts, June 1995  
Workshop Leader, New England Board of Higher Education, Annual Workshop, Boston, MA, October 1994  
Research Colloquium, Louisiana State University Medical School, March 1994  
Research Colloquium, Biology Department, Florida State University, January, 1994  
Research Colloquium, Psychology Department, State University of New York at Buffalo, January 1994  
Research Colloquium, Minority Educational and Opportunities and Professional Development Conference, University of Pittsburgh, January 1994  
Research Colloquium, University of Massachusetts Medical School, Worcester, November 1993  
Research Colloquium, Biology Department, Wesleyan University, March, 1993  
Research Colloquium, National Science Foundation, Minority Postdoctoral Fellowship Workshop, Washington, D.C., August 1993  
Research Colloquium, American Psychological Association Dissertation Symposia, Washington, D.C., August 1992

Research Colloquium, National Science Foundation, Minority Postdoctoral Fellowship Workshop, Washington D.C., May, 1992  
 Research Colloquium, San Diego Imaging Resource Center, National Institute of Health Advisory Board Meeting, University of California at San Diego, August 1991  
 Research Colloquium, University of California at San Diego, Neuroscience Seminar Series, March 1991

## TEACHING

Northeastern University

### *Undergraduate Courses*

Introductory Psychology (PSYc101)  
 Drugs and Behavior (PSYc1250)  
 Psychobiology (PSYc458)  
 Clinical Neuroscience (PSYc3514)  
 Psychopharmacology (PSYc4510)  
 Seminar in Biological Psychology (PSYc4656)

### *Graduate Courses*

Proseminar in Psychobiology (PSY 3014)  
 Proseminar in Clinical Neuroscience (PSYc5150)

### *Undergraduate Directed Studies Students/Honors Students Trained in the Jackson Lab:*

Shelby Abel, Christine Forgione, Rami Zaki, Sean Starion, Roxanne Bailey, George Trksak, Adam Friedman, Elisabeth Mitchell, Christine Carter-Dupont, Ori Cohen, Mei Ling Smith, Andrea Pliakas, Caren Francione, Jamie Hudson, Lisa Keeler, Merina Escudero, Lisa Keeler, Abigail Springer, Julie Leis, Rachelle Pyrcz, Sara Tabtabai, Ryan Ayers, Ashley Nickerson, Ashley Swain, Marliese Kitchel, Steve Schettler, Brent Kisby, Zachary Madison, Jose Colom, Zachary Madison

### *Dr. Jackson's Doctoral Students:*

<u>Student</u>	<u>Degree Received</u>
Carlos Bolanos	Ph.D. Fall, 1999
Stephen Glatt	Ph.D. Fall, 2001
George Trksak	Ph.D. Summer, 2005
Farzad Mortazavi	Ph.D. Fall, 2005

## DEPARTMENTAL AND UNIVERSITY SERVICE

2012 - 2014 Chairperson College of Science Recruitment and Retention of Minority Students Steering Committee  
 2012 - 2013 Excellence in Teaching Committee, College of Science  
 2012 - 2013 Environmental Health and Safety Lab Safety Officer Search Committee  
 2007 - 2009 College Council Representative for the Psychology Department  
 2006 - Advisor for Undergraduate Psychology Pre-Med Majors  
 2004 - Office of Environment of Health and Radiation and Safety Board

2001 - 2006 Director of Undergraduate Behavioral Neuroscience Program  
 2000 – 2003 Institutional Animal Care and Use Committee Member

1999 – 2003 Women’s Studies Program Advisory Board Member  
 1999 – 2009 Northeastern University Neuroscience Graduate Program Steering Board  
 1998- 2013 Departmental Graduate Committee Member  
 1997 – 2006 Advisor for Undergraduate Behavioral Neuroscience Majors  
 1997 – 2005 Advisor for BNS Undergraduate Pre-Medical Students  
 1995 - Psychology Departmental Safety Officer  
 1995 – 1997 College Council Representative for the Psychology Department

## **SCHOLARSHIP**

### Literary Reviewer:

2012: Book Reviewer, Oxford University Press  
 2010: Book Reviewer, Jones and Bartlett Publishers Drugs and Society  
 Ad Hoc Reviewer, National Institutes of Health, Neuropharmacology Internal Review Group  
 Ad Hoc Journal Reviewer:  
*Neuroscience*  
*Journal of Pharmacology and Experimental Therapeutics*  
*Journal of Neurochemistry*  
*Brain Research*

### Grant Reviewer:

2015 MFP Predoctoral Fellowship Committee  
 2012 Minority Fellowship Program Initial Review Committee  
 2011 American Psychological Association Internal Review Committee, Pre-doctoral Minority Fellowships  
 2009- National Institutes of Health, F31, F32 Fellowships CSR Panel Reviewer  
 2004- National Institutes of Health, Center for Scientific Review, Special Emphasis Panel, Minority/Disability Fellowships, *ad hoc* member  
 2002-2007 National Institute of Drug Abuse Study Section Member, Training and Career Development Subcommittee, National Institutes of Health  
 1995 -2005 Committee for Minority Student Mentoring, New England Board of Higher Education

### Other:

1996 – 2009 Biomedical Science Careers Project Advisor, Harvard Medical School, February  
 1996-1998 Committee on Neuroscience Literacy, Society for Neuroscience, Hands-On Workshop  
 July 1997 Organizing Committee Member for the Gordon Conference on Catecholamines.