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CURRICULUM VITAE

Jacqueline N. Crawley, Ph.D.

Robert E. Chason Chair in Translational Research, MIND Institute
Professor, Department of Psychiatry and Behavioral Sciences
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EDUCATION

- 1967-71 B.A., Biology, University of Pennsylvania, Philadelphia, PA
1971-76 Ph.D., Zoology, University of Maryland, College Park, MD
1976-79 Postdoctoral, Yale University School of Medicine, New Haven, CT

PROFESSIONAL EMPLOYMENT

- 2012-Present Robert E. Chason Chair in Translational Research, M.I.N.D. Institute
Professor, Department of Psychiatry and Behavioral Sciences
University of California Davis School of Medicine
- 2003-2012 Chief, Laboratory on Behavioral Neuroscience
Intramural Research Program,
National Institute of Mental Health, Bethesda, MD
- 1996-Present Adjunct Professor, Department of Pharmacology
Georgetown University School of Medicine, Washington, DC
- 2003-2008 Adjunct Professor, Department of Psychiatry
University of North Carolina School of Medicine at Chapel Hill
- 2003-2008 Research Professor, Department of Psychology
University of North Carolina at Chapel Hill
- 2001-2003 Chief, Section on Behavioral Genomics
IRP, National Institute of Mental Health, Bethesda, MD
- 1993-2000 Chief, Section on Behavioral Neuropharmacology
Experimental Therapeutics Branch, Intramural Research Program
National Institute of Mental Health, Bethesda, MD
- 1993-94 Acting Deputy Director, Intramural Research Program
National Institute of Mental Health, Bethesda, MD
- 1983-93 Chief, Unit on Behavioral Neuropharmacology, Tenured 1988

Clinical Neuroscience Branch/Experimental Therapeutics Branch National Institute of Mental Health, Bethesda, MD

- 1981-83 Senior Neurobiologist, Central Research and Development
E.I. DuPont de Nemours and Company, Wilmington, DE
- 1979-81 Pharmacology Research Associate Program Training Fellow
Clinical Psychobiology Branch, National Institute of Mental Health,
and National Institute of General Medical Sciences, Bethesda, MD
- 1976-79 Biological Sciences Training Program Fellow
Neuropsychopharmacology Unit, Department of Psychiatry
Yale University School of Medicine, New Haven, CT

AWARDS AND HONORS

- 2011 Distinguished Scientist Award, International Behavioural and Neural Genetics Society
- 2011 Special Achievement Award, National Institute of Mental Health
- 2011 Fellow, American Association for the Advancement of Science
- 2010 National Institute of Mental Health Director's Merit Award
- 2010 President, International Behavioural and Neural Genetics Society
- 2009 Autism Awareness Day Keynote Award, University of Albany
- 2008 Howard Hughes Medical Research Institute Preceptor Award,
Student Internship Program
- 2005 Fleur Strand Lecture Award, Summer Neuropeptide Conference
- 2005 Marjorie A. Myers Lifetime Achievement Award, International Behavioral Neuroscience Society
- 2005 Howard Hughes Medical Research Institute Preceptor Award,
Student Internship Program
- 2004 Society for Neuroscience Service Award, Chair of Membership Committee, 2001-2004
- 2003 Gladstone Institute of Neurological Disease Distinguished Scholar Award
- 2002 NIMH Director's Merit Award
- 2001 U.S. Department of Health and Human Services, Public Health Service,
National Institutes of Health, Special Act or Service Award in Recognition
and Appreciation of Special Achievement
- 2000 Howard Hughes Medical Research Institute Preceptor Award, Student Internship
Program

- 2000 ISI Citation Classic
Crawley and Corwin, Biological actions of cholecystokinin, Peptides 14:731-755, 1994
- 1999 National Institute of Mental Health Special Service Award
- 1999 Summer Neuropeptide Conference Organizers Award
- 1998 Howard Hughes Medical Research Institute Student and Teacher Internship Award
- 1993 Mathilde Solowey Lecture Award in Neuroscience
- 1993 National Institute of Mental Health Special Service Award
- 1979 Pharmacology Research Associate Training award,
National Institute of General Medical Sciences
- 1976 Biological Sciences Training Program Research award,
Yale University School of Medicine
- 1975 Graduate Research Fellowship, University of Maryland
- 1971 Graduate Teaching Fellowship, University of Maryland
- 1967 Mayor's Scholarship, University of Pennsylvania

EDITORIAL BOARD MEMBERSHIPS

- Autism Research* (2007-present)
- Annali dell'Istituto Superiore di Sanità* (2011-present)
- Behavioral Neuroscience* (2002-present)
- Behavioural Brain Research* (2003-present)
- Current Psychiatry Reviews* (2004-present)
- European Journal of Pharmacology* (past member)
- Depression and Anxiety* (1994-2004)
- Drug Discovery Today: Disease Mechanisms* (2004-present)
- European Journal of Pharmacology* (1994-2002)
- Frontiers in Behavioral Neuroscience* (2007-present)
- Genes, Brain and Behavior* (2001-present)
- Journal of Molecular Neuroscience* (1999-present)
- Journal of Neuroendocrinology* (1988-1996)
- Journal of Pharmacology and Experimental Therapeutics* (1999-2006)
- Neuropeptides* (2011-present) (Editor-in-Chief 1997-2011)
- Neuropsychopharmacology* (1999-2002)
- Open Journal of Neuroscience* (2011-present)
- Pharmacology Biochemistry and Behavior* (1988-present)
- Psychopharmacology* (1999-2009)
- The Open Pharmacology Journal* (2007-present)
- Reviews in the Neurosciences* (2005-present)
- Trends in Pharmacological Sciences* (1990-present)

PROFESSIONAL SERVICE: SCIENTIFIC SOCIETIES

2011-2014	Member, Awards Committee, International Behavioural and Neural Genetics Society
2009-present	Member, Scientific Council, National Alliance for Research on Schizophrenia and Depression (NARSAD); Brain and Behavior Research Foundation)
2009-2010	President, International Society for Behavioural and Neural Genetics (IBANGS)
2007-2008	Chair, Program Committee, International Behavioral Neuroscience Society (IBNS)
2007-2009	Member, Program Committee, International Meeting for Autism Research (IMFAR)
2004-2006	Member, Program Committee, American College of Neuropsychopharmacology (ACNP)
2004	Co-Organizer, Galanin 2004, Third International Conference on Galanin and its Receptors, San Diego, CA
2003–2005	Member, Board of Trustees, Association for Assessment and Accreditation of Laboratory Animal Care International, Representative from the International Behavioral Neuroscience Society
2001-2004	Co-Chair, Membership Committee, Society for Neuroscience
2003-2007	Program Committee member, International Behavioral Neuroscience Society
2000-2001	President, International Behavioral Neuroscience Society
2000-2001	Program Committee member, International Behavioural and Neural Genetics Society
1993-1998	Organizer, Summer Neuropeptide Conference annual meetings
1998-2004	Membership Committee, member, Society for Neuroscience
1995-2004	Council Member, International Behavioral Neuroscience Society
1994-present	Council Member, International Neuropeptide Society
1996-1999	Committee on the Use of Animals, member, American College of Neuropsychopharmacology
1991-1994	Credentials Committee, member, American College of Neuropsychopharmacology
1987	President, Potomac Chapter, Society for Neuroscience

PROFESSIONAL SERVICE: GRANT REVIEWING

- Ongoing Ad Hoc for Grant Review Committees including:
NIMH, NICHD, NIDA, NIAAA, NIA, NSF, VA
Autism Speaks, Canadian Medical Research Council, European Science 2000,
NARSAD, US-Israeli Binational Science Foundation, United Kingdom Medical
Research Council
- 1989-1992 Panel Member, National Science Foundation
Neural Mechanisms of Behavior Review Panel

PROFESSIONAL SERVICE: INTRAMURAL

- 2007-present Chair, Behavior Subcommittee, NIH Neuroscience Seminar Series
- 2007-present NIMH IRP Tenure and Promotions Committee
- 2006-present Trans-NIH IRP Initiatives Committee
- 2004-present Behavioral Investigator Review Panel, NIH Tenure Committee
- 2000-present Porter Neuroscience Research Center building design consultant
- 2000-present NIH Committee for Priority Setting for Mouse Genomic and Genetic
Resources, member
- 1999-2003 NIMH IRP Tenure and Promotions Committee
- 1998-2002 NIH Behavioral and Social Sciences Research Coordinating Committee,
Intramural Representative
- 1987-1992 NIMH Animal Care and Use Committee member
1991-1992 Chair, NIMH Animal Care and Use Committee
1998-1999 Chair, NIMH Animal Care and Use Committee
- 1990-2002 NIMH Representative, 10A Animal Facilities Users Committee
- 1990-present NIMH Women Scientists Group
1991-1992 Chair, NIMH Women Scientists Group
1994-1996 Chair, NIMH Women Scientists Group
- 1994-1996 NIMH Representative, NIH Women Scientists Advisory Committee
- 1997-1999 Chair, Working Group on Behavioral Assessment of Mutant Mice, NIH Office of
Behavioral and Social Sciences Research
- 1997-1998 Representative on Behavioral Studies, Mouse Phenotyping Facility Proposal, NIH
Shared Resources Subcommittee of Scientific Directors
- 1996-present Member, NIMH Search Committees for Tenure-Track and Senior Investigators

- 1996-present Member, NIAAA Search Committee for Tenure-Track Investigators (Chair in 1996)
- 2003 Member, NIDA Search Committee for Tenure-Track Investigators

EXTERNAL MENTORING

- 2008 – present Mentor, NIH K Award, Murine genetic models of autism, PI Jeremy Veenstra-VanderWeele, Vanderbilt University
- 2006-2008 Mentor, NARSAD Award to Mark Zylka, Neuroscience Center, University of North Carolina

TEACHING

- 2004-2008 Member, Curriculum in Neurobiology, Graduate training program, University of North Carolina at Chapel Hill
- 2004-2007 Lecturer, Behavioral Neuroscience, University of North Carolina Department of Psychology
- 2002-present Lecturer, Neurobiology of Mental Illness, FAES Graduate Program at NIH
- 1991-2008 Lecturer, Georgetown University Graduate Course in Neuropharmacology
- 1988-present Lecturer, George Washington University Graduate Course in Neuropharmacology
- 1979-1986 Lecturer, New Tools in Biological Psychiatry, FAES Graduate Program at NIH

MEMBER OF Ph.D. DISSERTATION COMMITTEES (completion date)

- 2009 Rose-Marie Karlsson, Karolinska Institute-NIH graduate program
- 2008 Edward Billingslea, Georgetown University
- 2008 Elizabeth Hess, University of North Carolina
- 2000 Ruth Bariantos, George Washington University
- 2000 David Ault, George Washington University
- 2000 Annika Thorsell, Karolinska Institutet
- 1998 Kimberly Simpson, Hahnemann University
- 1993 James Auta, Georgetown University
- 1992 Christian Heidebreder, University of Louvain, Belgium
- 1992 Muriel Derrain, University Renes Descartes, France
- 1991 Sharon Richardson, Howard University
- 1990 Linda Weiss-Wunder, University of Pennsylvania

SCIENTIFIC ADVISORY BOARDS

- 2009-present Member, Scientific Council, National Alliance for Research on Schizophrenia and Depression/Brain and Behavior Research Foundation
- 2008-present Member, External Advisory Committee, Functional Assessment Core, Gladstone Institute, University of California San Francisco

- 2008-present Member, External Advisory Committee, NeuroTherapeutics Research Institute, University of California Davis
- 2008-present Member, External Advisory Committee, Behavioral and Functional Neuroscience, Laboratory, Stanford University
- 2003 Member, Scientific Advisory Board, Alzheimer Research Consortium, New York, NY
- 2003 Member, Scientific Advisory Board, Gladstone Institute of Neurological Disease, San Francisco, CA

PROFESSIONAL SOCIETY MEMBERSHIPS

American Association for the Advancement of Science
 American College of Neuropsychopharmacology
 Association for Psychological Science (Fellow)
 Behavior Genetics Association
 European Neuropeptide Club
 International Behavioral and Neural Genetics Society
 International Behavioral Neuroscience Society (Fellow)
 International Neuropeptide Society (Founding Member)
 International Society for Autism Research
 National Alliance for Research in Schizophrenia and Affective Disorders (NARSAD) Council
 Society for Behavioral Neuroendocrinology
 Society for Neuroscience

PEER-REVIEWED PUBLICATIONS

1. Lerner JN, Mellen SA, Waldron I, Factor RM: Neural redundancy and regularity of swimming beats in the scyphozoan medusae. *J Exp Biol* 55:177-185, 1971.
2. Crawley JN, Schleidt WM, Contrera JF: Does social environment decrease propensity to fight in male mice? *Behav Biol* 15:73-83, 1975.
3. Crawley JN and Contrera JF: Intraventricular 6-hydroxydopamine lowers isolation-induced fighting behavior in male mice. *Pharmacol Biochem Behav* 4:381-384, 1976.
4. Crawley JN, Hattox SE, Maas JW, Roth RH: 3-Methoxy-4-hydroxyphenethyleneglycol increase in plasma after stimulation of the nucleus locus coeruleus. *Brain Res* 141:380-384, 1978.
5. Crawley JN, Maas JW, Roth RH: Increase in plasma MHPG following stimulation of the nucleus locus coeruleus. *Psychopharm Bull* 15:27-29, 1978.
6. Crawley JN, Lavery R, Roth RH: Clonidine reversal of increased norepinephrine metabolite levels during morphine withdrawal. *Eur J Pharmacol* 57:247-259, 1979.
7. Crawley JN, Roth RH, Maas JW: Locus coeruleus stimulation increases noradrenergic metabolite levels in rat spinal cord. *Brain Res* 166:180-184, 1979.

8. [Crawley JN](#), Maas JW, Roth RH: Evidence against specificity of electrical stimulation of the nucleus locus coeruleus in activating the sympathetic nervous system in the rat. *Brain Res* 183:301-311, 1980.
9. [Crawley JN](#), Roth RH, Maas JW: Biochemical evidence for simultaneous activation of multiple locus coeruleus efferents. *Life Sci* 26:1373-1378, 1980.
10. [Crawley JN](#) and Goodwin FK: Preliminary report of a simple animal behavior model for the anxiolytic effects of benzodiazepines. *Pharmacol Biochem Behav* 13:167-170, 1980.
11. [Crawley JN](#): Neuropharmacologic specificity of a simple animal model for the behavioral actions of benzodiazepines. *Pharmacol Biochem Behav* 15:695-699, 1981.
12. [Crawley JN](#), Hays SE, O'Donohue TL, Paul SM: Neuropeptide modulation of social and exploratory behaviors in laboratory rodents. *Peptides* 2:123-129, 1981.
13. [Crawley JN](#), Hays SE, Paul SM: Vagotomy abolishes the inhibitory effects of cholecystokinin on rat exploratory behavior. *Eur J Pharmacol* 73:379-380, 1981.
14. [Crawley JN](#), Hays SE, Paul SM, Goodwin FK: Cholecystokinin reduces exploratory behavior in mice. *Physiol Behav* 27:408-411, 1981.
15. [Crawley JN](#), Patel J, Marangos PJ: Behavioral characterization of two long-lasting adenosine analogs: Sedative properties and interaction with diazepam. *Life Sci* 29:2623-2630, 1981.
16. Skolnick P, Paul SM, [Crawley JN](#), Rice K, Barker S, Weber R, Cain M, Cook J: 3-Hydroxymethyl-beta-carboline antagonizes some pharmacologic actions of diazepam. *Eur J Pharmacol* 69:525-528, 1981.
17. Swann AC, [Crawley JN](#), Grant SJ, Maas JW: Noradrenergic stimulation in vivo increases (Na⁺,K⁺)-adenosine triphosphate activity. *Life Sci* 28:251-256, 1981.
18. [Crawley JN](#), Marangos PJ, Paul SM, Skolnick P, Goodwin FK: Purine benzodiazepine interaction: Inosine reverses diazepam-induced stimulation of mouse exploratory behavior. *Science* 22:725-727, 1981.
19. Cain M, Wever RW, Guzman F, Cook JM, Barker SA, Rice KC, [Crawley JN](#), Paul SM, Skolnick P: Beta-carbolines: Synthesis, neurochemical, and pharmacological actions on brain benzodiazepine receptors. *J Med Chem* 25:1081-1091, 1982.
20. [Crawley JN](#) and Davis LG: Baseline exploratory activity predicts anxiolytic responsiveness to diazepam in five mouse strains. *Brain Res Bull* 8:609-612, 1982.
21. [Crawley JN](#), Marangos JN, Stivers PJ, Goodwin FK: Chronic clonazepam administration induces benzodiazepine receptor subsensitivity. *Neuropharmacology* 21:85-90, 1982.
22. [Crawley JN](#), Rojas-Ramirez JA, Mendelson WB: The role of central and peripheral cholecystokinin in mediating appetitive behaviors. *Peptides* 3:535-538, 1982.
23. [Crawley JN](#), Szara S, Creveling CR, Pryor GT: Development and evaluation of a video-monitored, computer-assisted system for automatic recording of social and exploratory behavior of small animals. *J Neurosci Methods* 5:235-247, 1982.

24. Marangos PJ and [Crawley JN](#): Chronic benzodiazepine treatment increases [³H] muscimol binding in mouse brain. *Neuropharmacology* 21:81-84, 1982.
25. Moody TW, [Crawley JN](#), Jensen RT: Pharmacology and neurochemistry of bombesin-like peptides. *Peptides* 3:559-563, 1982.
26. Rojas-Ramirez JA, [Crawley JN](#), Mendelson WB: Electroencephalographic analysis of the sleep-inducing actions of cholecystokinin. *Neuropeptides* 3:129-138, 1982.
27. Blumstein LK and [Crawley JN](#): Further characterization of a simple, automated exploratory model for the anxiolytic effects of benzodiazepines. *Pharmacol Biochem Behav* 18:37-40, 1983.
28. Charlton CG, Miller RL, [Crawley JN](#), Handelmann GE, O'Donohue TL: Secretin modulation of behavioral and physiological functions in the rat. *Peptides* 4:739-742, 1983.
29. [Crawley JN](#): Divergent effects of cholecystokinin, bombesin, and lithium on rat exploratory behaviors. *Peptides* 4:405-410, 1983.
30. [Crawley JN](#): Preliminary report of a new rodent separation model of depression. *Psychopharm Bulletin* 19:537-541, 1983.
31. [Crawley JN](#) and Beinfeld MC: Rapid development of tolerance to the behavioral actions of cholecystokinin. *Nature* 302:703-706, 1983.
32. [Crawley JN](#) and Moody TW: Anxiolytics block excessive grooming behavior induced by ACTH 1-24 and bombesin. *Brain Res Bull* 10:399-401, 1983.
33. [Crawley JN](#), Patel J, Marangos PJ: Adenosine uptake inhibitors potentiate the sedative effects of adenosine. *Neurosci Lett* 36:169-174, 1983.
34. Skolnick P, Paul S, [Crawley J](#), Lewin E, Lippa A, Clody D, Irmischer K, Saiko O, Minck KO: Antagonism of the anxiolytic action of diazepam and chlordiazepoxide by two novel pyrazolopyridines, EMD 39593 and EMD 41717. *Eur J Pharmacol* 88:319-327, 1983.
35. [Crawley JN](#) and Schwaber JS: Nucleus tractus solitarius lesions block the behavioral actions of cholecystokinin. *Peptides* 4:743-747, 1983.
36. [Crawley JN](#): Cholecystokinin accelerates the rate of habituation to a novel environment. *Pharmacol Biochem Behav* 20:23-27, 1984.
37. [Crawley JN](#): Evaluation of a proposed hamster separation model of depression. *Psychiatry Res* 11:35-47, 1984.
38. [Crawley JN](#): Preliminary report of a new rodent separation model of depression. *Prog Neuropsychopharmacol Biol Psychiatry* 8:447-457, 1984.
39. [Crawley JN](#), Blumstein LK, Baldino F: Anxiolytic-like properties of fominoben. *Eur J Pharmacol* 97:277-281, 1984.
40. [Crawley JN](#), Hommer DW, Skirboll LR: Behavioral and neurophysiological evidence for a facilitatory interaction between co-existing transmitters: cholecystokinin and dopamine. *Neurochem Int* 6:755-760, 1984.

41. [Crawley JN](#), Kiss JZ, Mezey E: Bilateral midbrain transections block the behavioral effects of cholecystokinin on feeding and exploration in rats. *Brain Res* 322:316-321, 1984.
42. [Crawley JN](#), Ninan PT, Pickar D, Chrousos GP, Skolnick P, Paul SM: Behavioral and physiological responses to benzodiazepine receptor antagonists. *Psychopharmacol Bull* 403:20-24, 1984.
43. [Crawley JN](#) and Schwaber JS: Abolition of the behavioral effects of cholecystokinin following bilateral radio frequency lesions of the parvicellular subdivision of the nucleus tractus solitarius. *Brain Res* 295:289-299, 1984.
44. [Crawley JN](#), Skolnick P, Paul SM: Absence of intrinsic actions of benzodiazepine antagonists on a mouse exploratory model of anxiety. *Neuropharmacology* 23:531-537, 1984.
45. [Crawley JN](#), St Pierre S, Gaudreau P: Analysis of the behavioral activity of C- and N-terminal fragments of cholecystokinin octapeptide. *J Pharmacol Exp Therap* 230:438-444, 1984.
46. Hirsch MD, O'Donohue TL, Wilson R, Sawyer TK, Hruby VJ, Hadley ME, Cody WI, Knittel JJ, [Crawley JN](#): Structural-conformational modifications of α -MSH/ACTH4-10 provide melanaotropin analogues with highly potent behavioral activities. *Peptides* 5:1197-1201, 1984.
47. Skolnick P, Ninan P, Insel T, [Crawley JN](#), Paul S: A novel chemically-induced animal model of human anxiety. *Psychopathology* 17:25-36, 1984.
48. Squires RF, Saederup E, [Crawley JN](#), Skolnick P, Paul SM: Convulsant potencies of tetrazoles are highly correlated with actions on GABA/benzodiazepine/picrotoxin receptor complexes in brain. *Life Sci* 35:1439-1444, 1984.
49. Yachnis AT, [Crawley JN](#), Jensen RT, Moody TW: The antagonism of bombesin in the CNS by substance P analogues. *Life Sci* 35:1963-1969, 1984.
50. [Crawley JN](#): A monoamine oxidase inhibitor reverses the "separation syndrome" in a new hamster separation model of depression. *Eur J Pharmacol* 112:129-133, 1985.
51. [Crawley JN](#): Cholecystokinin potentiates dopamine-mediated behaviors in the nucleus accumbens, a site of CCK-DA coexistence. *Psychopharmacol Bull* 21:523-527, 1985.
52. [Crawley JN](#): Neurochemical investigation of the afferent pathway from the vagus nerve to the nucleus tractus solitarius in mediating the "satiety syndrome" induced by systemic cholecystokinin. *Peptides* 6:133-138, 1985.
53. [Crawley JN](#), Hommer DW, Skirboll LR: Topographical analysis of nucleus accumbens sites at which cholecystokinin potentiates dopamine induced hyperlocomotion in the rat. *Brain Res* 355:337-341, 1985.
54. [Crawley JN](#) and Kiss JZ: Paraventricular nucleus lesions abolish the inhibition of feeding induced by systemic cholecystokinin. *Peptides* 6:927-935, 1985.
55. [Crawley JN](#), Ninan PT, Pickar D, Chrousos GP, Linnoila M, Skolnick P, Paul SM: Neuropharmacological antagonism of the β -carboline-induced "anxiety" response in rhesus monkeys. *J. Neurosci* 5:477-485, 1985.

56. [Crawley JN](#), Olschowka JA, Diz DI, Jacobowitz DM: Behavioral investigation of the coexistence of substance P, corticotropin releasing factor, and acetylcholinesterase in lateral dorsal tegmental neurons projecting to the medial frontal cortex of the rat. *Peptides* 6:891-901, 1985.
57. [Crawley JN](#), Stivers JA, Blumstein LK, Paul SM: Cholecystokinin potentiates dopamine-mediated behaviors: Evidence for modulation specific to a site of coexistence. *J Neurosci* 5:1972-1983, 1985.
58. Drugan RC, Maier SF, Skolnick P, Paul SM, [Crawley JN](#): An anxiogenic benzodiazepine receptor ligand induces learned helplessness. *Eur J Pharmacol* 113:453-457, 1985.
59. Hommer DW, Palkovits M, [Crawley JN](#), Paul SM, Skirboll LR: CCK-induced excitation in the substantia nigra: Evidence for peripheral and central components. *J Neurosci* 5:1387-1392, 1985.
60. Angel I, Kiss A, Stivers JA, Skirboll LR, [Crawley JN](#), Paul SM: Regulation of [³H]mazindol binding to subhypothalamic areas: Involvement in glucoprivic feeding. *Brain Res Bull* 17:873-877, 1986.
61. [Crawley JN](#), Glowa JR, Majewska MD, Paul SM: Anxiolytic activity of an endogenous adrenal steroid. *Brain Res* 398:382-385, 1986.
62. [Crawley JN](#), Stivers JA, Hommer DW, Skirboll LR, Paul SM: Antagonists of central and peripheral behavioral actions of cholecystokinin. *J Pharmacol Exp Ther* 236:320-330, 1986.
63. [Crawley JN](#), Stivers JA, Martin JV, Mendelson WB: Cholinergic induction of seizures in the rat prefrontal cortex. *Life Sci* 38:2347-2354, 1986.
64. Drugan RC, Basile AS, [Crawley JN](#), Paul SM, Skolnick P: Inescapable shock reduces [³H]Ro5-4864 binding to "peripheral-type" benzodiazepine receptors in the rat. *Pharmacol Biochem Behav* 24:1673-1677, 1986.
65. Drugan RC, Skolnick P, Paul SM, [Crawley JN](#): Low doses of muscimol produce anticonflict actions in the lateral septum of the rat. *Neuropharmacology* 25:203-205, 1986.
66. Hommer DW, Stoner G, [Crawley JN](#), Paul SM, Skirboll LR: Cholecystokinin-dopamine coexistence: electrophysiological actions corresponding to cholecystokinin receptor subtype. *J Neurosci* 6:3039-3042, 1986.
67. Smith CB and [Crawley JN](#): Anxiolytic action of CGS 9896 on mouse exploratory behavior. *Eur J Pharmacol* 132:259-262, 1986.
68. Wolkowitz O, Sutton M, Koulu M, LaBarca R, Wilkinson L, Doran A, Pickar D, [Crawley J](#): Chronic corticosterone administration in rats: Behavioral and biochemical evidence of increased central dopaminergic activity. *Eur J Pharmacol* 122:329-338, 1986.
69. Suzdak PD, Glowa JR, [Crawley JN](#), Schwartz RD, Skolnick P, Paul SM: A selective imidazobenzodiazepine antagonist of ethanol in the rat. *Science* 234:1243-1247, 1986.
70. Suzdak PD, Glowa J, [Crawley JN](#), Schwartz RD, Skolnick P, Paul SM: Response to Miczek and Weerts. *Science* 235: 1127-1128, 1987.
71. Angel I, Stivers JA, Paul SM, [Crawley JN](#): Site of action of anorectic drugs: Glucoprivic versus food deprivation induced-feeding. *Pharmacol Biochem Behav* 27:291-297, 1987.

72. Blumstein LK, [Crawley JN](#), Davis LG, Baldino F: Neuropeptide modulation of apomorphine-induced stereotyped behavior. *Brain Res* 404:293-300, 1987.
73. Drugan RC, Basile AS, [Crawley JN](#), Paul SM, Skolnick P: "Peripheral" benzodiazepine binding sites in the Maudsley reactive rat: Selective decrease confined to peripheral tissues. *Brain Res Bull* 18:143-145, 1987.
74. Drugan RC, [Crawley JN](#), Paul SM, Skolnick P: Buspirone attenuates learned helplessness behavior in rats. *Drug Devel Res* 10:63-67, 1987.
75. Kaltwasser MT and [Crawley JN](#): Oxytocin and cholecystokinin induce grooming behavior in the ventral tegmentum of the rat. *Brain Res* 426:1-7, 1987.
76. Kaltwasser MT, Petrack B, [Crawley JN](#): Potency of CR 1409, a new proglumide analog, on cholecystokinin-mediated behaviors and receptor binding. *Neurochem Int* 10:547-553, 1987.
77. [Crawley JN](#): Attenuation of dark-induced hyperlocomotion by a cholecystokinin antagonist in the nucleus accumbens. *Brain Res* 473:398-400, 1988.
78. Drugan RC, Basile AS, [Crawley JN](#), Paul SM, Skolnick P: Characterization of stress-induced alterations in [³H]Ro5-4864 binding to peripheral benzodiazepine receptors in rat heart and kidney. *Pharmacol Biochem Behav* 30:1015-1020, 1988.
79. Khosla S and [Crawley JN](#): Potency of L-364,718 as an antagonist of the behavioral effects of peripherally administered cholecystokinin. *Life Sci* 42:153-159, 1988.
80. Mastropaolo J and [Crawley JN](#): Behavioral evidence for increased cholinergic receptor sensitivity after nucleus basalis magnocellularis lesions in the rat. *Eur J Pharmacol* 153:301-304, 1988.
81. Mastropaolo J, Nadi NS, Ostrowski NL, [Crawley JN](#): Galanin antagonizes acetylcholine on a memory task in basal forebrain-lesioned rats. *Proc Natl Acad Sci USA* 85:9841-9845, 1988.
82. Merali Z, Merchant CA, [Crawley JN](#), Coy DH, Heinz-Erian P, Jensen RT, Moody TW: (D-Phe¹²) bombesin and substance P analogues function as central bombesin receptor antagonists. *Synapse* 2:282-287, 1988.
83. Stivers JA and [Crawley JN](#): Substance P antagonists block carbachol-induced "boxing" behavior at a site of coexistence in the rat prefrontal cortex. *Peptides* 9:117-121, 1988.
84. Stivers JA, Kaltwasser MT, Hill PS, Hruby VJH, [Crawley JN](#): Ventral tegmental oxytocin induces grooming. *Peptides* 9:223-231, 1988.
85. Stivers JA, Skirboll LR, Long R, [Crawley JN](#): Anatomical analysis of frontal cortex sites at which carbachol induces "boxing"-like seizures in the rat. *Pharmacol Biochem Behav* 30:129-136, 1988.
86. Suzdak PD, Glowa JR, [Crawley JN](#), Skolnick P, Paul SM: Response to KT Britton et al. *Science* 239:649-650, 1988.
87. Suzdak PD, Paul SM, [Crawley JN](#): Effects of Ro15-4513 and other benzodiazepine receptor inverse agonists on alcohol-induced intoxication in the rat. *J Pharmacol Exp Ther* 245:880-885, 1988.
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78. [Crawley JN](#), Testing hypotheses about autism. *Science* 318:56-57, 2007.
79. [Crawley JN](#), Social behavior tests for mice. In *What's Wrong With My Mouse? Strategies for Rodent Behavioral Phenotyping*, Short Course Syllabus, Society for Neuroscience, Washington, DC, 2007.
80. [Crawley JN](#), Galanin impairs cognitive abilities in rodents: Relevance to Alzheimer's disease. *Cellular and Molecular Life Sciences*, 65: 1836-1841, 2008.
81. [Crawley JN](#), Behavioral phenotyping strategies for mutant mice. *Neuron* 57:809-817, 2008.
82. Yang M, Weber MD, [Crawley JN](#), Light phase of testing of social behavior: Not a problem. *Frontiers in Behavioral Neuroscience* 2: 186-191, 2008.
83. Chadman KK, Yang M, [Crawley JN](#), Criteria for validating mouse models of psychiatric diseases. *American Journal of Medical Genetics B. Neuropsychiatric Genetics* 150B: 1-11, 2009.
84. Bailey KR, [Crawley JN](#), Galanin and Receptors. *New Encyclopedia of Neuroscience*, Squire L, Albright T, Bloom F, Gage F, Spitzer N, Eds., 4:491-498, 2009.
85. Scattoni ML, [Crawley J](#), Ricceri L, Ultrasonic vocalizations: A tool for behavioural phenotyping of mouse models of neurodevelopmental disorders. *Neuroscience and Biobehavioral Reviews* 33: 508-515, 2009.
86. Yang M, [Crawley JN](#), Simple behavioral assessment of mouse olfaction. *Current Protocols in Neuroscience* 8:24.1, 2009.
87. Silverman JL, Yang M, Lord C, [Crawley JN](#), Behavioural phenotyping assays for mouse models of autism. *Nature Reviews Neuroscience*, 11:490-502, 2010.
88. Yang M, Scattoni ML, Chadman KK, Silverman JL, [Crawley JN](#), Behavioral evaluation of genetic mouse models of autism. In Amaral DG, Dawson G, Geschwind DH, Eds., *Autism Spectrum Disorders*. Oxford University Press, 906-934, 2011.
89. Roullet FI, [Crawley JN](#): Mouse models of autism: Testing hypotheses about molecular mechanisms. In Hagan J, Ed., *Animal Models in Behavioural Neuroscience*, Editor Jim Hagan, in *Current Topics in*

Behavioral Neurosciences, Series Editors M Geyer, B Ellenbroek, C Marsden, Springer-Verlag, pages 187-212, 2011, in press.

90. Bauman MD, [Crawley JN](#), Berman RF, Autism: Animal models. *Encyclopedia of Life Sciences*, John Wiley & Sons, Chichester, UK, published online <http://www.els.net>, DOI: 10.1002/9780470015902.a0022368, 2010.
91. Yang M, Silverman JL, [Crawley JN](#): Automated three-chambered social approach task for mice. *Current Protocols in Neuroscience* 8:26.1-26.16, 2011.
92. Brielmaier J, [Crawley JN](#): Animal models of autism spectrum disorders. *Encyclopedia of Autism Spectrum Disorders*, Springer, in press.
93. Babineau BA, Yang, M, [Crawley JN](#): Mainstreaming mice. *Neuropsychopharmacology* 37: 300-301.
94. [Crawley JN](#): Translational animal models of autism and neurodevelopmental disorders. *Dialogues in Clinical Neuroscience*, 53: in press, 2012

INVITED LECTURES, 1996-present

1. University of Kentucky Department of Anatomy and Neurobiology, “Galanin-acetylcholine interactions in rodent memory paradigms relevant to Alzheimer’s disease.” February 6, 1996.
2. Keystone Symposium on Neural Peptides, “Inhibitory actions of galanin on rodent memory tasks relevant to Alzheimer’s disease,” February 12, 1996.
3. NIH Integrative Neuroscience Seminar Series, “Galanin inhibits performance on memory tasks in rodent models of Alzheimer’s disease,” March 28, 1996.
4. Schering-Plough Research Institute, “Behavioral actions of galanin and galanin antagonists in rodent feeding and memory paradigms,” April 18, 1996.
5. NIH Workshop on Behavioral Phenotypes of Inbred Strains of Mice, “Anxiety-related behaviors and diazepam response in inbred mouse strains,” Workshop organized by R Paylor and JN Crawley, April 24, 1996.
6. Georgetown University Department of Pharmacology Seminar Series, “Inhibitory Actions of Galanin on Cholinergic Functions in Rodent Memory Tasks: Relevance to Alzheimer’s disease,” May 7, 1996.
7. R.W. Johnson Pharmaceutical Research Institute, “Galanin-acetylcholine interactions in memory and Alzheimer’s disease,” May 16, 1996.
8. Canadian College of Neuropsychopharmacology Plenary Lecture, “Galanin-acetylcholine interactions in rodent memory tasks and Alzheimer’s disease,” June 4, 1996.
9. Merck Research Laboratories, “Galanin receptor antagonists in rodent feeding and memory paradigms,” July 23, 1996.
10. Astra Arcus AB Stockholm, “Feeding, learning and memory profiles of galanin,” September 9, 1996.

11. Pennsylvania State University Neuroscience Seminar Series, "Inhibitory actions of galanin in rodent memory paradigms," October 18, 1996.
12. National Institute of Mental Health Satellite Symposium, Society for Neuroscience Annual Meeting, "Opportunities for behavioral neuroscientists to investigate the behavioral phenotypes of transgenic and knockout mice," November 15, 1996.
13. Society for Behavioral Neuroendocrinology Annual Meeting, "Transgenic/knockout approaches to investigate genes mediating normal and abnormal social behaviors," May 28, 1997.
14. National Institute on Drug Abuse Satellite Symposium, Society for Neuroscience Annual Meeting, "Behavioral phenotyping of mutant mice," October 29, 1997.
15. Merck Frosst Research, Dorval, Canada, "Behavioral actions of galanin," March 13, 1998.
16. Wenner-Gren Foundations International Symposium, Stockholm, Sweden, Galanin: Basic Research Discoveries and Therapeutic Implications, "Galanin inhibits performance on rodent memory tasks," May 5, 1998.
17. First Joint Meeting of the European Neuropeptide Club and the Summer Neuropeptide Conference, Gent, Belgium, "Strategies for assessing learning and memory in transgenic and knockout mice," May 6, 1998.
18. NIH Genetics Interest Group meeting, "Strategies for behavioral phenotyping of transgenic and knockout mice," June 9, 1998.
19. Neurogen Corporation, Branford, CT, "Actions of central galanin on feeding and memory," August 4, 1998.
20. Merck Neuroscience Research Center Symposium, The Role of Transgenic Mouse Models in Furthering Our Understanding of the Processes Underlying Learning and Memory, Terlings Park, England, UK, "Inbred strains of mice: Caveats on the role of background genes in evaluating the behavioral phenotype of transgenic and knockout mice on learning and memory tasks," October 16th, 1998.
21. Brain Research Interactive Conference, Satellite to the Society for Neuroscience Annual Meeting, Knockouts and Mutants: Genetically Dissecting Brain and Behavior, San Diego, CA, "Experimental design and evaluation of general health, sensory functions, motor abilities, and specific behavioral paradigms in transgenic and knockout mice," November 5th, 1998.
22. Bourne Laboratory, Department of Psychiatry, Cornell Medical Center, White Plains, NY, "Strategies for behavioral phenotypes of transgenic and knockout mice," November 24, 1998.
23. Oak Ridge National Laboratory, Oak Ridge, TN, "Strategies for behavioral phenotyping of mutant mice," December 11, 1998.
24. Neuroscience Seminar Series, Uniformed Services University of the Health Sciences, Bethesda, MD, "Behavioral phenotyping of transgenic and knockout mice with mutations in genes relevant to learning and memory," January 6th, 1999.
25. Behavioral and Social Sciences Interest Group Seminar, Bethesda, MD, "The misbehaving gene," January 14th, 1999.
26. Neuroscience Faculty Seminar Series, Texas A&M University, College Station, TX, "Behavioral phenotyping of transgenic and knockout mice," February 3rd, 1999.

27. Neuroscience Program Seminar Series, University of Michigan, Ann Arbor, MI, "Behavioral phenotyping of transgenic and knockout mice with mutations in genes relevant to learning and memory," February 15th, 1999.
28. National Cancer Institute Symposium, Pathology of Genetically-Engineered Mice, "Strategies for behavioral phenotyping of transgenic and knockout mice," Bethesda, MD, February 25th, 1999.
29. Hoffmann-La Roche, Basel, Switzerland, "Rodent learning and memory tasks relevant to aging and Alzheimer's disease," March 2, 1999.
30. Tenth Annual Spring Brain Conference, Sedona, AZ, "Inhibitory actions of galanin on rodent memory tasks relevant to Alzheimer's disease," March 11th, 1999.
31. Purdue University Special Lectures in Neuroscience Series, West Lafayette, IN, "Inhibitory actions of galanin in rodent memory tasks: relevance to Alzheimer's disease;" and Neuroscience Graduate Program Lecture Series, "Behavioral phenotyping of transgenic and knockout mice," April 28th and 29th, 1999.
32. NIH Alzheimer's Interest Group, Bethesda, MD, "Inhibitory actions of galanin in rodent memory tasks relevant to Alzheimer's disease," Bethesda, MD, May 6th, 1999.
33. University of Washington Physiology Seminar, Seattle, WA, "Strategies for behavioral phenotyping of transgenic and knockout mice," June 2, 1999.
34. Lilly Neuroscience Seminar, Indianapolis, IN, "Strategies for behavioral phenotyping of transgenic and knockout mice," November 10th, 1999.
35. US/Japan Meeting, National Academy of Sciences, Washington, DC, "Defining phenotype in genetically engineered mice," November 15th, 1999.
36. International Behavioural and Neural Genetics Society Annual Meeting, Brighton, UK, "What's wrong with my mouse? Behavioral phenotyping strategies and applications." June 22, 2000.
37. Summer Neuropeptide Conference, Ste. Adele, Quebec, Canada, "Learning and memory deficits in galanin-overexpressing transgenic mice," July 23rd, 2000.
38. Nobel Forum Minisymposium, In Search of Molecular Substrates of Behavior, Stockholm Sweden, "Strategies for behavioral phenotyping of transgenic and knockout mice," October 5, 2000.
39. Scripps Research Institute, Neuroscience Seminar Series, La Jolla, CA, "Behavioral phenotype of galanin transgenic mice," February 28, 2001.
40. University of North Carolina, Neurodevelopment Disorders Research Center seminar, Chapel, Hill, NC, "Strategies for behavioral phenotyping of mouse models," April 4th, 2001.
41. International Behavioral Neuroscience Society Annual Meeting, Presidential Lecture, Cancun, Mexico, "Galanin: An inhibitory neuropeptide overexpressed in Alzheimer's disease impairs learning and memory in rats and transgenic mice," April 27, 2001.
42. Karolinska Institutet, The Mouse in Cognitive Neuroscience: Implications for Functional Genomics, Postgraduate Course in Behavioural Neuroscience, Stockholm, Sweden, "Overall strategy for mouse behavioral phenotyping," May 9, 2001; "Assessment of anxiety tasks in mice. What do they predict?" May 10th, 2001.

43. University of Helsinki Symposium on Phenotypic Analysis of Transgenic Mice, Helsinki, Finland, "Inhibitory actions of galanin in memory tasks relevant to Alzheimer's disease," May 12th, 2001.
44. Bio 2001, Symposium on Methods for Phenotypic Evaluation of Transgenic and Knockout Mice, San Diego, CA, "Methods for evaluating the behavioral phenotype of transgenic and knockout mice," June 27th, 2001
45. EMBO/FENS Practical Course on Mouse Transgenics and Behaviour, University of Zurich, Zurich, Switzerland, "What's wrong with my mouse? Behavioural phenotyping strategies and applications," July 18th, 2001.
46. Swiss Federal Institute of Technology Seminar, Zurich, Switzerland, "Selective memory deficits in galanin-overexpressing transgenic mice," July 19th, 2001.
47. The Jackson Laboratory 42nd Annual Short Course in Medical and Experimental Mammalian Genetics, Bar Harbor, ME, "Mouse behavioral genetics," July 24th, 2001.
48. George Washington University Neuroscience Seminar Series, Washington DC, "Memory deficits in galanin overexpressing transgenic mice: relevance to Alzheimer's disease," September 10th, 2001.
49. University of Pennsylvania Neuroscience, David Mahoney Institute of Neurological Sciences Seminar Series, Philadelphia, PA, "Memory deficits in a galanin overexpressing transgenic mouse model of Alzheimer's disease," October 3rd, 2001
50. Joslin Diabetes Center, Harvard University, Boston, MA, "Strategies for behavioral phenotyping of transgenic and knockout mice," November 1st, 2001.
51. Tenth Annual Puerto Rico Neuroscience Conference, San Juan, PR, "Strategies for behavioral phenotyping of transgenic and knockout mice," November 30th, 2001.
52. Howard University Department of Pharmacology Seminar Series, Washington, DC, "Memory deficits in galanin overexpressing transgenic mice: Relevance to Alzheimer's disease," January 9th, 2002.
53. University of North Carolina Department of Psychology Seminar Series, "Memory impairments in galanin overexpressing transgenic mice: Relevance to Alzheimer's disease. January 16th, 2002.
54. National Academy of Sciences Institute for Laboratory Animal Research, Workshop on Guidelines for the Use of Animals in Neuroscience and Behavioral Research, Washington, DC, "Transgenic animals," February 27th, 2002.
55. Synaptic Pharmaceuticals Seminar Series, Paramus, NJ, "New development in the study of galanin knockout animals," March 13, 2002.
56. American College of Laboratory Animal Medicine 2002 Forum, Genetics, Genomics, and Gene Therapy, Savannah, GA, "Behavioral phenotyping in rodents," April 15th, 2002.
57. Gladstone Institute of Neurological Disease, San Francisco, CA, "Strategies for behavioral phenotyping of transgenic and knockout mice," April 25th, 2002.
58. National Institute of Mental Health Intramural Research Program Senior Investigators Seminar Series, NIMH/IRP Fellows Committee, Bethesda, MD, "Memory deficits in galanin overexpressing transgenic mice: Relevance to Alzheimer's disease," May 15, 2002.

59. National Institutes of Health Conference, Planning the Design of an Animal Research Facility at the NIH, Bethesda, MD, "Introduction to rodent behavioral studies," June 18th, 2002.
60. The Jackson Laboratory Short Course on Pathobiology of the Modern Laboratory Mouse, Bar Harbor, ME, "Behavioral phenotyping of mutant mice," June 26th, 2002.
61. Cold Spring Harbor Laboratory Mouse Behavioral Analysis Course, Cold Spring Harbor, NY, "Strategies for behavioral phenotyping," June 29th, 2002.
62. Eighth International Summer School on Behavioral Neurogenetics, Worcester, MA, "Behavioral phenotyping of transgenic and knockout mice," August 8th, 2002.
63. University of Massachusetts Neuroscience Seminar, Worcester, MA, "Inhibitory actions of galanin in memory tasks relevant to Alzheimer's disease," September 12, 2002.
64. National Institute on Drug Abuse Lecture Series, Rockville, MD, "Galanin induces performance deficits on learning and memory in rodents," October 2, 2002.
65. National Institute on Alcoholism and Alcohol Addiction Seminar, Rockville, MD, "Strategies for behavioral phenotyping of transgenic and knockout mice," October 24, 2002.
66. Sixteenth Annual Neuroscience Symposium of the Central Virginia Chapter of the Society for Neuroscience, Richmond, VA, "Learning and memory deficits in galanin overexpressing transgenic mice: Relevance to Alzheimer's disease," April 7, 2003.
67. First Annual Meeting of the STAART Autism Research Center, Chapel Hill, NC, "Project IV: Gene dissection of autism-related behaviors in mice," April 9, 2003.
68. Laboratory of Animal Medicine Residency Program Course, Uniformed Services University of the Health Sciences, Bethesda, MD, "Behavioral Phenotyping of Transgenic Rodents," April 1, 2003.
69. Integrative Genomics Symposium, University of Michigan, Ann Arbor, MI, "Strategies for Behavioral Phenotyping of Transgenic and Knockout Mice," May 7, 2003.
70. Neuroscience Seminar Series, McLean Hospital, Harvard Medical School, Belmont, MA, "Cognitive deficits in galanin overexpressing transgenic mice: Relevance to Alzheimer's disease," May 20th, 2003.
71. Monitoring Molecules in Neuroscience: Tenth International Conference on *In Vivo* Methods, Stockholm, Sweden, "Transgenic models of CNS diseases: role of behavioral pharmacology," June 25th, 2003.
72. Gladstone Distinguished Scholar Lecture, San Francisco, CA, "Cognitive deficits in galanin overexpressing transgenic mice: Relevance to Alzheimer's disease," September 25, 2003.
73. Society for Neuroscience Short Course 2, San Diego, CA, "Mouse Behavioral Phenotyping," Organizer and Introductory Lecturer, November 7th, 2003.
74. Autism Forum, University of North Carolina, Chapel Hill, NC, "How would you model autism in mice?" February 3rd, 2004.
75. Neurobiology Seminar, University of North Carolina, Chapel Hill, NC, "Behavioral phenotyping of transgenic and knockout mice," February 6th, 2004.

76. Neuroscience Program Seminar Series, Georgetown University School of Medicine, "How would you model autism in mice?" February 24th, 2004.
77. Conte Center Seminar Series, University of North Carolina, Chapel Hill, NC, "Mouse models of schizophrenia," March 2, 2004.
78. Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA, Plenary Lecturer, "Animal models." March 12, 2004.
79. New Paradigms for Exploring Gene-Environment-Behavior Relationships, National Institute on Environmental and Health Sciences, Research Triangle Park, NC, "How would you model autism in mice?" April 28, 2004.
80. STAART/CPEA Conference on Autism, Washington, DC, "How would you model autism in mice?" May 18, 2004.
81. NIMH MATRICS Meeting, Potomac, MD, Discussion session on mouse models of social cognition deficits in schizophrenia, September 9, 2004.
82. EUMORPHIA Annual Meeting, Understanding Human Disease Through Mouse Genetics, London, UK, "High quality and high throughput behavioral phenotyping," October 5, 2004.
83. Galanin 2004, San Diego, CA, Co-Organizer and Roundtable Discussion leader, "Galanin research tools – ligands and mutants," October 22, 2004.
84. National Alliance on Autism Research meeting, Integrating the Clinical and Basic Sciences of Autism, Fort Lauderdale, FL, "Designing mouse behavioral tasks to model the symptoms of autism," November 12, 2004.
85. Food and Drug Administration Seminar Series, Rockville, MD, "Behavioral analysis of mouse models of human diseases," December 15, 2004.
86. University of Florida School of Medicine Grand Rounds, Gainesville, FL, "Autism models," January 28, 2005.
87. Case Western Reserve University Neuroscience Seminar Series, Cleveland, OH, "Behavioral phenotyping strategies", February 17, 2005.
88. Uniformed Services Veterinary Course, Bethesda, MD, "Strategies for mouse behavioral phenotyping," April 13, 2005.
89. NIH Animal Welfare Interest Group, Bethesda, MD, "Strategies for behavioral phenotyping," April 27, 2005.
90. Experimental Neurogenetics of the Mouse, Second Annual Course, Memphis, TN, two lectures: "Examining general behavior in mice," "Social behavior," May 19, 2005.
91. University of Pennsylvania Neuroscience Seminar Series, Philadelphia, PA, "Mouse behavioral phenotyping: Designing tasks to model the symptoms of autism," May 24, 2005.
92. International Behavioral Neuroscience Society Annual Meeting, Sante Fe, NM, Marjorie A. Myers Lifetime Achievement Award and symposium lecture, "Behavioral tasks to model the core symptoms of autism in mice," June 2, 2005.

93. Summer Neuropeptide Conference, Miami, FL, Fleur Strand Award Lecture, "Neuropeptides and Behavior: The trouble with galanin in Alzheimer's Disease," July 8, 2005.
94. National Institute of Mental Health Scientific Review Administrators Lecture Series, Bethesda, MD, "Modeling the symptoms of autism in mice," September 7, 2005.
95. Genomic Neuroscience Conference, Wellcome/Cold Spring Harbor, Hinxton, Cambridge, UK, "Mouse behavioral phenotyping," September 29th, 2005.
96. University of Illinois Neuroscience seminar series, Urbana, IL, "Galanin overexpressing transgenic mice display learning and memory deficits: Relevance to Alzheimer's disease," October 7th, 2005.
97. Waisman Center seminar series, University of Wisconsin, Madison, WI, "Modeling the symptoms of autism in mice," October 4th, 2005.
98. Neurobiology of Disease Workshop on Autism, Society for Neuroscience annual meeting, Washington, DC, "Strategies to model the symptoms of autism in mice," November 11, 2005.
99. Wadsworth Institute seminar series, "Strategies for modeling the symptoms of autism in mice," December 8th, 2005.
100. Neuroscience seminar series, Medical College of South Carolina, Charleston, SC, "Galanin impairs performance on learning and memory tasks: Relevance to Alzheimer's disease," January 26th, 2006.
101. Brain Institute seminar, University of Utah, Salt Lake City, UT, "Strategies for mouse behavioral phenotyping," February 6th, 2006.
102. Rockefeller University seminar, New York, NY, "Strategies for mouse behavioral phenotyping," March 15th, 2006.
103. Pharmacology graduate seminar, Howard University, Washington, DC, "Modeling the symptoms of autism in mice," March 29th, 2006.
104. International Meeting for Autism Research, Montreal, Canada, "Strategies for designing mouse behavioral tasks relevant to the symptoms of autism," June 3, 2006.
105. Seaver Center seminar, Mt. Sinai School of Medicine, NY, NY, "Designing mouse behavioral tasks relevant to the symptoms of autism," September 13, 2006.
106. GTCBio conference Epigenetics and Neural Developmental Disorders, Beltsville, MD, "Designing mouse behavioral tasks relevant to the symptoms of autism," September 19, 2006.
107. Simons Foundation discussion group on mouse models of autism spectrum disorders, New York, NY, September 26, 2006.
108. National Institute on Dental and Craniofacial Research seminar series, Bethesda, MD, "Behavioral phenotyping of transgenic and knockout mice," January 26, 2007.
109. The Neurosciences Institute, Meeting on Schizophrenia, San Diego, CA, "Rodent models of schizophrenia," February 5th, 2007.

110. Staff Training in Extramural Programs Forum on Animal Models, NIH, Bethesda, MD, "Strategies for modeling the symptoms of autism in mice," February 8th, 2007.
111. Neurodevelopmental Disorders Interest Group, NIMH, Bethesda, MD, "How would you model the symptoms of autism in mice," February 8th, 2007.
112. Neuroscience Seminar Series, University of Virginia, Charlottesville, VA, "Approaches to modeling the symptoms of autism in mice," February 13th, 2007.
113. Behavioral Neuroscience Seminar Series, Ohio State University, Columbus, OH, "Strategies for modeling the symptoms of autism in mice," March 1, 2007.
114. Research Seminar Series, Maryland Psychiatry Research Center, University of Maryland, Baltimore, MD, "Strategies for modeling the symptoms of autism in mice," March 7th, 2007.
115. Neurodevelopmental Disorders Research Center Fellows Seminar Series, University of North Carolina School of Medicine, Chapel Hill, NC, "Mouse behavioral phenotyping," March 21st, 2007.
116. Neuroscience Seminar Series, Vanderbilt University School of Medicine, Nashville, TN, "Strategies for modeling the behavioral symptoms of autism in mice," April 5th, 2007.
117. Emerging Methods and Technologies in Behavioral Neuroscience Workshop, Society for Behavioral Neuroendocrinology, Asilomar, CA, "Strategies for designing rodent models of neuropsychiatric disorders," June 21st, 2007.
118. Translational Approaches to Studying Repetitive Behavior and Resistance to Change in Autism, NIMH Workshop, Bethesda, MD, "Repetitive self-grooming in socially deficient BTBR T+tf/J mice," September 6th, 2007.
119. Autism and Developmental Disorders Colloquium, Massachusetts Institute of Technology, Cambridge, MA, "Designing behavioral tasks for mouse models of autism," September 19th, 2007.
120. Neuroscience Seminar Series, University of Virginia, Charlottesville, VA, "Designing mouse behavioral tasks relevant to the symptoms of autism," September 25th, 2007.
121. Neurogenetics Seminar Series, University of California San Francisco, "Strategies for modeling the behavioral symptoms of autism in mice," October 2nd, 2007.
122. Short Course #1 Mouse Behavioral Phenotyping, Society for Neuroscience, San Diego, CA, Organizer and Lecturer, "Assays for mouse social behaviors," November 2, 2007.
123. Neuroscience and Medicine Seminar Series, Pasteur Institute, Paris, France, "Developing mouse models of autism," November 15th, 2007.
124. Department of Pharmacology Seminar Series, University of Texas Health Science Center, San Antonio, TX, "Strategies for modeling the symptoms of autism in mice," November 28, 2007.
125. Development of Novel Neuropharmacological Therapeutics for Autism, Conference organized by Autism Speaks, Boca Raton, FL, "Assays with face validity for the behavioral symptoms of autism in mice," December 7th, 2007.

126. Frontiers in the Developmental Neurobiology of Autism, Autism Speaks/Wellcome Trust Symposium, London, UK, "Modeling the behavioral symptoms of autism in mice: Assays to test hypotheses and evaluate therapeutics," January 9th, 2008.
127. Seminar, Brain Cells Inc., San Diego, CA, "Behavioral assays for mouse models of neuropsychiatric disorders," January 29th, 2008.
128. Mouse Behavior Workshop, Autism Speaks, Baltimore, MD, "Mouse behavior assays relevant to the symptoms of autism," February 6th, 2008.
129. Neurobehavioral Genetics Seminar Series, University of California Los Angeles, "Strategies for behavioral phenotyping of mouse models of autism," March 20th, 2008.
130. NIDA Intramural Seminar Series, Baltimore, MD "Behavioral phenotyping of transgenic and knockout mice," April 15th, 2008.
131. Psychiatric Grand Rounds, University of Massachusetts Medical School, "Strategies for behavioral phenotyping of mouse models of autism," May 1st, 2008.
132. Roundtable Panel: Strategies to Assay Communication Deficits in Animal Models of Autism, International Meeting for Autism Research, London, UK, Organizer and presenter, May 17th, 2008.
133. Discovery Neuroscience Seminar, Wyeth Research, Princeton, NJ, "Assays for social behaviors in mouse models of autism, schizophrenia, depression, and social phobia," June 4th, 2008.
134. Congressional Biomedical Research Caucus, Rayburn House Office Building, Washington, DC, "Testing hypotheses about autism," June 11, 2008.
135. Neuron-Glia Interactions Symposium, International Behavioral Neuroscience Society Annual Meeting, St. Thomas, USVI, "Unusual background genes in the BTBR T+tf/J mouse model of autism include a kynurenic acid metabolic enzyme," June 20th, 2008.
136. Workshop on Biology of Social Cognition, Cold Spring Harbor Laboratory Conference, Lloyd Harbor, NY, "Social behaviors in mouse models of autism," July 18th, 2008.
137. Of Mice and Men: Relevance of Animal Models to Human Behavior Symposium, Stanford University, Palo Alto, CA, "Behavioral phenotyping assays for mouse models of autism," July 21st, 2008.
138. Phenotyping of Mutant Mouse Models, National Institute on Aging Workshop, Bethesda, MD, "Cognitive and motor phenotypes in inbred strains of mice used for breeding targeted gene mutations." July 28th, 2008.
139. Behavioural Genetics and its Relevance to Neuropsychiatric Disorders, European Behavioural Pharmacology Society International Workshop, Cork, Ireland, "What's Right With My Mouse?", August 26th, 2008.
140. Weill Cornell Medical College, Sloan-Kettering Cancer Center, Rockefeller University Tri-Institutional Investigator Seminar Series, "Behavioral phenotyping of mutant mouse models of human genetic disorders," September 17th, 2008.
141. Telethon Institute of Genetics and Medicine seminar series, Naples, Italy, "Behavioral phenotypes in mouse models of autism," September 24th, 2008.

142. Max Planck Institute of Experimental Medicine seminar series, Göttingen, Germany, “Strategies for behavioral phenotyping of mouse models of autism,” September 26th, 2008.
143. Mouse Genetics and Genomics: Development and Disease, Cold Spring Harbor Laboratory, New York, “Behavioral Phenotyping assays for mouse models of autism,” November 1, 2008.
144. American College of Neuropsychopharmacology, Panel: CNS Drug Discovery and Development: Challenges and Opportunities, Scottsdale, AZ, “Rodent behavioral endophenotypes as surrogate markers for neuropsychiatric disorders in CNS drug discovery,” December 11th, 2008.
145. American College of Neuropsychopharmacology, Panel: Laying the Foundation for the Development of Therapeutics in the Autistic Spectrum: Targets, Models and Molecules, Scottsdale, AZ, “Behavioral assays to evaluate therapeutic efficacy in mouse models of autism,” December 11th, 2008.
146. Children’s Hospital, Harvard Medical School, Neurobiology Seminar Series, Boston, MA, “Behavioral phenotyping strategies for mouse models of autism,” February 2nd, 2009.
147. Children’s Hospital of Philadelphia Mental Retardation and Developmental Disabilities Research Center Seminar Series, Philadelphia, PA, “Phenotyping genetic mouse models of autism,” February 10th, 2009.
148. California Institute of Technology, Caltech Brain Imaging Center seminar, Pasadena, CA, “The BTBR mouse as a model for autism,” February 5th, 2009.
149. Texas A&M University Faculty of Neuroscience Colloquia Series, College Station, TX, “What is right with my mouse?” February 19th, 2009.
150. University of North Carolina at Greensboro Genomics Colloquia Series, Greensboro, NC, “Behavioral phenotyping of mutant mouse models of human genetic disorders,” February 26th, 2009.
151. Lilly Neuroscience Discovery Research Seminar, Indianapolis, IN, “Behavioral assays to phenotype mouse models of autism: Strategies to identify targets for treatment discovery,” March 4th, 2009.
152. University of Puerto Rico School of Medicine Anatomy and Neurobiology Seminar Series, San Juan, PR, “Mouse models of autism,” March 26th, 2009.
153. Children’s National Medical Center, Behavioral Medicine Grand Rounds, Washington, DC, “Behavioral phenotyping strategies for mouse models of autism,” April 15th, 2009.
154. Autism Awareness Day Symposium, Albany, NY, “Using animal models to develop treatments for autism,” April 22nd, 2009
155. Wadsworth Genetics Institute, Troy, NY, “Contributions of mouse behavioral genetics to discovering the causes of autism,” April 23rd, 2009
156. University of Washington Genome Sciences Symposium, Seattle, WA, “Behavioral phenotyping strategies for mouse models of autism,” April 30th, 2009
157. International Meeting for Autism Research, Chicago, IL, “Behavioral phenotyping strategies for translational evaluation of treatments in mouse models of autism,” May 7th, 2009.
158. California Institute for Regenerative Medicine Autism Workshop, San Francisco, CA, “Behavioral phenotyping strategies for mouse models of autism,” May 28th, 2009.

159. Cold Spring Harbor Laboratory Seminar, Cold Spring Harbor, NY, “Behavioral phenotyping strategies for mouse models of autism,” August 21st, 2009.
160. NIMH Division of Developmental Translational Research Seminar, Bethesda, MD, “Behavioral phenotyping strategies for mouse models of autism,” August 27th, 2009.
161. Georgetown University Interdisciplinary Program in Neuroscience Seminar, Washington, DC, “Mouse models of autism,” September 8th, 2009.
162. University of California San Francisco Gladstone Institute of Neurological Disease Behavioral Neuroscience Symposium, San Francisco, CA, September 29th, 2009.
163. Neurobiology of Disease workshop on Neurobiology of Depression, Society for Neuroscience, Chicago, IL, discussion group leader, animal models of autism, October 16th, 2009.
164. Prader-Willi Workshop, Bethesda, Maryland, “Behavioral phenotyping assays for mouse models of neurodevelopmental disorders,” November 16th, 2009.
165. Seminar series, Janelia Farm, Howard Hughes Medical Institute, Ashburn, VA, “Strategies for mouse behavioral phenotyping,” November 24th, 2009.
166. Paying Attention to Synapses: Mouse Models of Childhood Neuropsychiatric Disorders Panel, American College of Neuropsychopharmacology, Hollywood, FL, Discussant, December 10th, 2009.
167. Neuroscience Seminar, University of Texas Southwestern, Dallas, TX, “Behavioral phenotyping strategies for mouse models of autism,” January 12th, 2010.
168. Neuroscience Seminar, Dominick P. Purpura Department of Neuroscience, Albert Einstein College of Medicine, Bronx, NY, “Mouse models of autism to test hypotheses and develop treatments,” January 20th, 2010.
169. Broad Foundation Lectures Series on Neurobiology and Disease, Duke University School of Medicine, Durham, NY, “Mouse models of autism to test hypotheses and discover treatments,” February 23rd, 2010.
170. M.I.N.D. Institute Distinguished Lecture, University of California Davis, Sacramento, CA, “Mouse models of autism to discover causes and develop treatments,” March 10th, 2010.
171. Center for Molecular Neuroscience and Kennedy Center, Vanderbilt University, Nashville, TN, “Mouse models of autism to test hypotheses about causes and to discover effective treatments,” April 8th, 2010.
172. Distinguished Lecture in Neuroscience and Aging, National Institute on Aging Intramural Research Program, NIH, Baltimore, MD, “Strategies for phenotyping mouse models of autism,” April 15th, 2010.
173. International Behavioural and Neural Genetics Society Annual Meeting, Halifax, Canada, “Behavioral phenotypes in BTBR T+tf/J mice relevant to the symptoms of autism,” May 14th, 2010.
174. Keynote Lecture, International Meeting for Autism Research, Philadelphia, PA, “Mouse models of autism to test hypotheses and develop treatments,” May 20th, 2010.
175. Cornell Summer Institute on the Biology of Neurodevelopmental Disorders, Ithaca, NY, “Mouse models of autism to test hypotheses and discover treatments,” June 22nd, 2010.

176. Rett Foundation Symposium, Leesburg, VA, "Autism-like behavioral phenotypes in genetically modified mice," June 28th, 2010.
177. Child Health Institute of New Jersey, University of Medicine and Dentistry New Jersey, New Brunswick, NJ, "Mouse models of autism to test hypotheses about causes and to develop treatments," September 9th, 2010.
178. Skirball Institute Neuroscience seminar, New York University, New York, NY, "Mouse models of autism to test hypotheses about causes and to develop treatments," September 24th, 2010.
179. Department of Neuroscience seminar, Case Western Reserve University, Cleveland, OH, "Mouse models of autism to test hypotheses about causes and to develop treatments," September 29th, 2010.
180. Neuroscience seminar series, University of Maryland School of Medicine, Baltimore, MD, "Mouse models of autism to test hypotheses about causes and to develop treatments," October 7th, 2010.
181. Williams Syndrome conference, Allen Brain Institute, Seattle, WA, "Behavioral assays for mouse models of neurodevelopmental disorders," October 14th, 2010.
182. Department of Psychiatry and M.I.N.D. Institute seminar, University of California Davis, Sacramento, CA, "Mouse models of neurodevelopmental disorders," November 5th, 2010.
183. Elsevier Brain Research Satellite Meeting on Autism Spectrum Disorders, San Diego, CA, "Mouse models of autism," November 11th, 2010.
184. Institute for Behavioral Genetics seminar, University of Colorado, Boulder, CO, "Behavioral phenotyping of mouse models of autism: Towards testing hypotheses and discovering therapeutics," December 3rd, 2010.
185. Panel Session, American College of Neuropsychopharmacology annual meeting, Miami Beach, FL, "Behavioral assays in genetic mouse models to discover therapeutics for autism," December 9th, 2010.
186. Autism Speaks conference, Santa Monica, CA, Translational Medicine Research in Autism: Challenges and Opportunities, Santa Monica, CA, "Behavioral phenotyping strategies for genetic mouse models of autism," January 27th, 2011.
187. Simons Foundation Workshop on Behavioral Assays for Mouse Models of Autism, New York, NY, "Mouse behavior assays," February 4th, 2011.
188. Phelan-McDermid Syndrome Foundation Symposium, New York, NY, "Behavioral analysis of *Shank3* mutant mice," March 3rd, 2011.
189. University of New Mexico Neuroscience Day Keynote Lecture, Albuquerque, NM, "Mouse models of autism to test hypotheses about causes and to develop treatments," March 11th, 2011.
190. Pfizer, Inc. Neuroscience Seminar, Groton, CT, "Discovering treatments for autism spectrum disorders with genetic mouse models," April 13th.
191. New York Academy of Sciences Symposium on Autism Spectrum Disorders, New York, NY, "Mouse models of autism to test hypotheses about causes and to discover therapeutics," April 26th, 2011.
192. Distinguished Scientist Award Lecture, International Behavioural and Neural Genetics Society, Rome, Italy, "Mouse models of autism to test hypotheses about causes and to discover treatments," May 13th, 2011.

193. Kennedy-Krieger Institute, Baltimore, MD “Repetitive behaviors in mouse models of autism,” June 24th, 2011.
194. Simons Foundation Autism Biomarkers Workshop, Stony Brook, NY, “Mouse behavioral assays,” July 23rd, 2011.
195. National Institute of Mental Health Psychiatry Clinical Fellows Seminar, Bethesda, MD, “Mouse models of autism to test hypotheses about causes and to discover treatments” November 1, 2011.
196. Cell Symposium, Autism Spectrum Disorders, Washington DC, “Behavioral phenotyping strategies for genetic mouse models of autism,” November 9th, 2011.
197. University of Iowa Pain Interest Group Seminar, Iowa City, IA, “Mouse models of autism to understand causes and discover treatments,” February 1, 2012
198. University of Kentucky Spring Neuroscience Research Day, Lexington, KY, “Mouse models of autism to understand causes and discover treatments,” March 29, 2012
199. Disorders of Synaptic Dysfunction, Jan and Dan Duncan Neurological Research Institute and *Science Translational Medicine*, “Translational mouse models to discover therapeutics for autism spectrum disorders,” Houston, TX, April 13, 2012.
200. Mouse Ultrasonic Vocalizations Workshop, Institut Pasteur, “Ultrasonic vocalizations in mice as an assay for the second diagnostic symptom of autism,” Paris, France, April 16, 2012.
201. Translational Neuroscience Symposium, Roche and *Nature Medicine*, Buonas, Switzerland, “Mouse models as translational tools to discover treatments for autism,” April 25, 2012.

LABORATORY PERSONNEL

CURRENT:

1. SILVERMAN, Jill, Senior Research Laboratory Manager, 2007 – present
2. YANG, Mu, Postdoctoral Fellow, 2007 – 2009, Research Fellow, 2010 – present
3. PRIDE, Michael, Junior Specialist, 2012 – present

PAST POSTDOCTORAL FELLOWS:

1. DRUGAN, Robert C., 1984-87. Current affiliation: Department of Psychology, University of New Hampshire, Durham, NH
2. KALTWASSER, Maria T., 1985-86. Current affiliation: Berlin-Chemie, Berlin, Germany
3. MASTROPAOLO, John, 1986-88. Current affiliation: Department of Psychiatry, Veterans Administration Hospital and Georgetown University, Washington, DC
4. COTTINGHAM, Sandra L., 1987-89. Current affiliation: Department of Pathology, Spectrum-Health, Grand Rapids, MI
5. AUSTIN, Mark C., 1988-91. Current affiliation: Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA
6. de BARTOLOMEIS, Andrea, 1990-92. Current affiliation: Department of Psychiatry, University of Naples, Italy.

7. CORWIN, Rebecca L., 1991-94. Current affiliation: Department of Nutrition, Pennsylvania State University, University Park, PA.
8. ROBINSON, John K., 1991-94. Current affiliation: Department of Psychology, State University of New York, Stony Brook, NY.
9. MATHIS, Chantal, 1992-93. Current affiliation: CNRS, Universite Louis Pasteur, Strasbourg, France.
10. HOLMES, Philip V., 1992-95. Current affiliation: Department of Psychology, University of Georgia, Athens, GA.
11. SILLS, Terrence L., 1994-96. Current affiliation: Clarke Institute of Psychiatry, Toronto, Canada.
* **Received NIH Fellows Award for Research Excellence, 1995**
12. TABER, Matthew, 1996-97. Current affiliation: Bristol-Myers Squibb Inc., Wallingford, CT.
13. PAYLOR, Richard, 1995-98. Current affiliation: Department of Molecular and Human Genetics, Baylor College of Medicine, Houston TX.
14. GLEASON, Theresa, 1997-1998. Current affiliation: Neuroscience Program, Veterans Administration, Washington, DC.
15. McDONALD, Michael, 1994-99. Current affiliation: Department of Pharmacology, Vanderbilt University, Nashville, TN.
* **Received NIH Fellows Award for Research Excellence, 1997**
16. MIYAKAWA, Tsuyoshi, Visiting Postdoctoral Fellow, 1998-1999. Current affiliation: Tenure track faculty member, Department of Psychology, Kyoto University, Japan
17. KINNEY, Jefferson W., Postdoctoral Fellow, Intramural Research Training Award, 2000-2002. Current affiliation: Department of Neuropharmacology, Scripps Research Institute, La Jolla, CA.
18. HOLMES, Andrew, Postdoctoral Fellow, Intramural Research Training Award, 1998-2003. Current affiliation: Tenure-track faculty member, Intramural Research Program, National Institute on Alcoholism and Alcohol Abuse, Rockville, MD.
* **Received NIH Fellows Award for Research Excellence, 2000**
ACNP/Bristol-Myers Squibb Travel Award Winner, 2001
19. WRENN, Craige C., Postdoctoral Fellow, Intramural Research Training Award, 1999 - 2004. Current affiliation: Tenure-track faculty member, School of Pharmacy, Drake University, Des Moines, IA.
20. HILL-DEVINE, Joanna, Staff Scientist 2003-2007
21. RUSTAY, Nathan R., Postdoctoral Fellow, Intramural Research Training Award, 2004-2006. Current affiliation: Investigator, Cognition Program, Abbott Laboratories, Abbott Park, IL.
22. BAILEY, Kathleen R., Postdoctoral Fellow, Intramural Research Training Award, 2004-2007. Current affiliation: Assistant Professor, Department of Psychology, Susequehanna University, Susequehanna, PA.
23. SCATTONI, Maria Luisa, Postdoctoral Fellow, Special Volunteer, 2006 and 2008. Current affiliation: Section of Neurotoxicology and Neuroendocrinology Department of Cell Biology and Neurosciences, Istituto Superiori di Sanità, Rome Italy.
24. CHADMAN, Kathleen, Postdoctoral Fellow, Intramural Research Training Award, 2007-2008. Current affiliation: Faculty member, New York State Institute for Basic Research in Neurodevelopmental Disorders, Staten Island, NY.
25. ROULLET, Florence, Postdoctoral Visiting Fellow, 2008 – 2010, Hamilton, Ontario, Canada
26. WÖHR, Markus, Postdoctoral Fellow, Visiting Fellow, 2008 – 2009. Current affiliation: Faculty member, Department of Psychology, University of Marburg, Marburg, Germany.
27. BABINEAU, Brooke, Postdoctoral Fellow, Intramural Research Training Award, 2010-2012. Current affiliation: Postdoctoral fellow, University of California San Francisco, San Francisco, CA.
28. BRIELMAIER, Jennifer, Postdoctoral Fellow, Intramural Research Training Award, 2010-2012. Current affiliation: Faculty, George Mason University, Fairfax, VA.

PAST PREDOCTORAL (GRADUATE STUDENTS AND POSTBACCALAUREATE FELLOWS):

1. LIBBEY, Megan, 1996-97. Current affiliation: NIMH Scientific Review Administrator
2. DREILING, Jennifer, Postbaccalaureate, 2003-2004. Current affiliation: US Naval Medical Officer, National Naval Medical Center, Bethesda, MD
3. CUASAY, Katrina, 2004-2005.
4. LIM, Maria, Postbaccalaureate, 2005-2006. Present affiliation: Graduate student, Neuroscience Program, University of Pennsylvania School of Medicine, Philadelphia, PA
5. KARLSSON, Rose-Marie, Graduate Student, Co-Mentorship with Markus Heilig, NIH/Karolinska Institutet Graduate Program, 2003-2008. Present affiliation: Postdoctoral fellow, University of Maryland
6. STACK, Conor, Postbaccalaureate IRTA, 2006-2007. Present affiliation: Medical student, University of Syracuse
7. GANDHY, Shruti, Postbaccalaureate IRTA, 2007-2008. Present affiliation: Medical student, University of Texas
8. BARKAN, Charlotte, Postbaccalaureate IRTA, 2008-2009. Present affiliation: Graduate student, Neurobiology Program, Columbia University
9. WEBER, Michael, Postbaccalaureate IRTA, 2008-2009. Present affiliation: Graduate student, Department of Psychology, University of Colorado
10. HARRIS, Mark, Postbaccalaureate IRTA, 2009-2010. Present affiliation: Medical student, Columbia University
11. KATZ, Adam, Postbaccalaureate IRTA, 2009-2010. Present affiliation: Graduate student, Georgetown University
12. SAXENA, Roheeni, Postbaccalaureate IRTA, 2009-2010. Present affiliation: Graduate student, Columbia University
13. TURNER, Sarah, Postbaccalaureate IRTA, 2009 – 2011.
14. ABRAMS, Danielle, Postbaccalaureate IRTA, 2010 – 2011. Present affiliation: Research assistant, Washington Children's Hospital
15. ZHANG, James, Postbaccalaureate IRTA, 2010-2011. Present affiliation: Medical student, Emory University
16. GASTRELL, Philip, Postbaccalaureate IRTA, 2011 – 2012. Present affiliation: Medical student, Duke University
17. KARRAS, Michael, Postbaccalaureate IRTA, 2010 – 2012. Present affiliation: Medical student, University of Kentucky
18. KALIKHMAN, David, Postbaccalaureate IRTA, 2011 – 2012. Present affiliation: Postbaccalaureate, NINDS
19. OLIVER, Chicora, Postbaccalaureate IRTA, 2011 – 2012. Present affiliation: Postbaccalaureate, NIMH
20. SENERTH, Julia, Postbaccalaureate IRTA, 2011 – 2012. Present affiliation: Intern, American Psychological Association

PAST VISITING SCIENTISTS:

1. ESTALL, Lorna, 1985. Department of Psychology, University of Durham, England, UK.
2. DE WITTE, Philippe, 1988. Department of Psychobiologie, Universite Catholique Louvain, Belgium.
3. LAITINEN, Kirsti, 1988-90. Department of Pharmacology, University of Kuopio, Finland.
4. DE MESQUITA, Susan, 1988-89. Department of Physiology, Marshall University School of Medicine, Huntington, WV.
5. GENC, Ece, 1989. University of Istanbul, Turkey.
6. IISMAA, Tina, 2001. Garvan Medical Research Institute, Sydney, Australia
7. HEILIG, Markus, 2001. Karolinska Institute, Huddinge, Sweden
8. MCFARLANE, Hewlet, 2006. Kenyon College, Gambier, OH

PAST STUDENT VOLUNTEERS:

1. WHITE, Marsha, 1985, St. Mary's College of Maryland
2. SMITH, Courtney, 1985, Bethesda-Chevy Chase High School
3. KALINA, Ken, 1986, Gustavus Adolphus College, St. Peter, MN
4. KHOSLA, Sareena, 1986-87, Madeira School, McLean, VA
5. RHOW, Ekwan, 1986, Walt Whitman High School, Bethesda, MD
6. UPADYA, Yogita, 1987-88, Madeira School, McLean, VA
7. POTTER, Marie, 1988-90, Trinity University, TX
8. CHI, Angela, 1988, Churchill High School Potomac, MD
9. TURNER, Anne-Marie, 1988-89, Madeira School, McLean, VA
10. REINSCH, Marianna, 1989, West Virginia Wesleyan College, Buckhannon, WV
11. WEST, Howard, 1989, Princeton University, Princeton, NJ
12. TURNER, Eric, 1989, Oregon Health Sciences University School of Medicine
13. MINKUNAS, Darin, 1990, Ohio State University, Columbus, OH
14. BHATIA, Neeti, 1989-90, Winston Churchill High School, Bethesda, MD
15. BROWN, Nathan, 1990, Montgomery Blair High School, Silver Spring, MD
16. HALBERSTADT, Jamin, 1990, Swarthmore College, Swarthmore, PA
17. EVERS, John R., 1989-90, Case Western Reserve University, Cleveland, OH
18. COUNTS, Helen, 1989-90, Madeira School, McLean, VA
19. CHOU, Jeanne, 1990-91, Madeira School
20. FARMER, Charles, 1991, Kenyon College
21. LAWRENCE, Brenda, 1991, Smith College, Northampton, MA
22. HODZIEWICH, Gabriel, 1991-92, St. Andrew's High School (Teacher), Bethesda, MD
23. LAWANDE, Reena, 1991-92, Madeira School, McLean, VA
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25. KOPRIVICA, Vuk, 1992-93 Bethesda-Chevy Chase High School, Bethesda, MD
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31. HARDY, Melva, 1993-94, Walter Johnson High School, Bethesda, MD
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35. MOORSHEAD, Ashley, 1994-95, Madeira School, McLean, VA
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37. McCOMAS, Elena, 1995, Magruder High School (Teacher), Rockville, MD
38. BIZRI, Carolyn, 1995, Boston College
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40. ONALAJA, Ava, 1995-96, Montgomery Blair High School, Silver Spring, MD
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42. SCHLAIFER, Jonathan, 1996, Montgomery Blair High School, Silver Spring, MD
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44. MILLER, Katherine, 1996-97, Walter Johnson High School, Bethesda, MD
45. LIGLER, Amy, 1997, Wake Forest University, Winston-Salem, NC
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49. DREILING, Jennifer, 1997-98, Madeira School, McLean, VA,
1999, 2000, 2001 Wellsley College, Middletown, MA

50. ARIEFF, Alexis, 1998, Ecole Active Bilingue Jeannine Manuel, Paris, France
51. LUO, Mulon, 1998-99, Walt Whitman High School, Bethesda, MD
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58. TIGNOR, April, 2000, Cornell University Medical School, New York, NY
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62. INNERFIELD, Caitlin, 2001-2002, Sherwood High School, Brookeville, MD
63. VISHWANATH, Janani, 2001-2002, Walt Whitman High School, Bethesda, MD
64. CURLEY, Allison, 2002, Colgate University, Hamilton, NY
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68. STEPHENSON, Dejaimenay, 2003-2004, John F. Kennedy High School, Silver Spring, MD
69. KOENIG, Elizabeth, 2003-2004, Paint Branch High School, Burtonsville, MD
70. FLORES, Sandra, 2004, University of Maryland, College Park, MD
71. COHEN, Jordan, 2004-2005, Winston Churchill High School, Potomac, MD
72. TOLU, Selen, 2004-2005, James Hubert Blake High School, Silver Spring, MD
73. MORRIS, Tabitha, 2005-2006, Bethesda-Chevy Chase High School, Bethesda, MD
74. CHEN, Thomas, 2005-2006, Winston Churchill High School, Potomac, MD
75. WASHBURN, Richard, 2005-2006, Walt Whitman High School, Bethesda, MD
76. PURI, Amit, Thomas S. Wooten High School, Rockville, MD
77. FREEMAN, Anike, 2006-2007, Damascus High School, Damascus, MD
78. ZHODZISHSKY, Vladimir, 2006-2007, Thomas S. Wooten High School, Rockville, MD
79. BOLTUCK, Sarah, 2007-2008, Walt Whitman High School, Bethesda, MD
80. CLARKE, Andres, 2007-2008, Gaithersburg High School, Gaithersburg, MD
81. TOLU, Seda, 2008-2009, 2010, Magruder High School, Gaithersburg, MD
82. PERRY, Kayla, 2008-2009, Blake High School, Silver Spring, MD
83. DIAGNE, Dieynaba, 2009 – 2010, James Blake High School, Silver Spring, MD
84. WOLDEYOHANNES, Leuk, 2009 – 2010, Wheaton High School, Wheaton, MD,
85. SIMON, Harrison, 2010-2011 Winston-Churchill High School, Potomac, MD
86. LOUREIRO, Darren, 2011-2012, Bethesda-Chevy Chase High School, Bethesda, MD