CURRICULUM VITA

Richard H. Melloni, Jr., Ph.D.

EDUCATION

1993	Ph.D. in Biomedical Sciences University of Massachusetts Medical School, Worcester, Massachusetts
1989	M.A. in Psychology and Neuroscience University of Hartford, West Hartford, Connecticut
1985	B.S. in Biochemistry University of New Hampshire, Durham, New Hampshire

EMPLOYMENT

2004-present	Associate Professor, Department of Psychology Northeastern University, Boston, Massachusetts
1999-2004	Assistant Professor, Department of Psychology Northeastern University, Boston, Massachusetts
1995-1999	Assistant Professor, Department of Psychiatry and Program in Neuroscience University of Massachusetts Medical Center, Worcester, Massachusetts
1993-1995	Post-doctoral Scientist, Department of Psychiatry University of Massachusetts Medical Center, Worcester, Massachusetts
1985-1987	Research Associate, Department of Immunology University of Connecticut Health Center, Farmington, Connecticut

APPOINTMENTS

2005-present	Panel Member, BioBehavioral Regulation, Learning and Ethology Review Panel (BRLE), National Institutes of Health, Center For Scientific Review.
2005-present	Chairman, Institutional Animal Care and Use Committee Northeastern University, Boston, Massachusetts
2006-2008	Director, Behavioral Neuroscience Program Northeastern University, Boston, Massachusetts
2005-2006	Chairman, Neuroscience Ph.D. Program Steering Committee Northeastern University, Boston, Massachusetts
2004-2005	Member, Institutional Animal Care and Use Committee Northeastern University, Boston, Massachusetts
2003-2006	External Member, Institutional Animal Care and Use Committee Biomedical Research Models, Inc., Worcester, Massachusetts
2003-2006	Assistant Director, Behavioral Neuroscience Program Northeastern University, Boston, Massachusetts

HONORS AND AWARDS

2004	Southcoast's Wareham Man of the Year, The Standard-Times and SouthCoastToday.com, New Bedford, Massachusetts
2004	Community Ordinary Hero Award, Community Service Learning Program, Wareham School Department, Wareham, Massachusetts
2002	Excellence in Teaching Award, Psychology Department, Northeastern University, Boston, Massachusetts

SCHOLARSHIP/RESEARCH

Publications

1. Alexander, M.J., Miller, M.A., Dorsa, D.M., Bullock, B.P., Melloni, R.H., Jr., Dobner, P.R., and Leeman, S.E. (1989) Distribution of neurotensin/neuromedian N mRNA in rat forebrain: Unexpected abundance in hippocampus and subiculum. *Procedings of the National Academy of Sciences*, 86, 5202-5206.

2. Howland, D.S., Carroll, P.S., Hemmendinger, L.M., Estes, P.S., Melloni, R.H., Jr., and DeGennaro, L.J. (1991) Functional dissection of the rat synapsin I gene promotor in transfected neuronal and nonneuronal cell lines. *Molecular Brain Research,* 11, 345-353.

3. Melloni, R.H., Jr., Estes, P.S., Howland, D.S., and DeGennaro, L.J. (1992) A direct method for the measurement of mRNA in discrete regions of mammalian brain. *Analytical Biochemistry,* 200, 95-99.

4. Melloni, R.H., Jr., Hemmendinger, L.M., Hamos, J.E., and DeGennaro L.J. (1993) Synapsin I gene expression in the adult rat brain with comprative analysis of mRNA and protein in the hippocampus. *Journal of Comparative Neurology,* 327, 507-520.

5. Melloni, R.H., Jr. and DeGennaro, L.J. (1994) Temporal onset of synapsin I gene expression coincides with neuronal differentiation in the developing rat central nervous system. *Journal of Comparative Neurology,* 342, 449-462.

6. Melloni, R.H., Jr., Apostolides, P.J., Hamos, J.E, and DeGennaro, L.J (1994) Dynamics of synapsin I gene expression during the establishment and restoration of functional synapses in the rat hippocampus. *Neuroscience,* 58, 683-703.

7. Melloni, R.H., Jr., Tokito, M., and Holzbaur E.L. F. (1995) Expression of the $p150^{glued}$ component of the dynactin complex in developing and adult rat brain. *Journal of Comparative Neurology,* 357, 15-24.

8. Howland, D.S., Savage, M.J., Huntress, F.A., Wallace, R.E., Schwartz, D.A., Loh, T Melloni, R.H., Jr., DeGennaro, L.J., Greenberg, B.D., Siman, R., Swanson, M.E., and Scott, R.W. (1995) Neuronal expression of native and familial ß-amyloid precursor proteins in transgenic mice. *Neurobiology of Aging,* 16, 685-699.

9. Ferris, C.F., Delville, Y., Brewer, J.A., Mansour, K., Yules, B., and Melloni, R.H., Jr. (1996) Vasopressin and the developmental onset of flank marking behavior in the golden hamster. *Journal of Neurobiology,* 30, 192-204

10. Connor, D.F., Harrison, R.J., and Melloni, R.H., Jr. (1996) Aggression and psychopharmacology in clinically referred children and adolescents. *ADHD Reports*, 4, 3-7.

11. Melloni, R.H., Jr. and Ferris, C.F. (1996) Adolescent anabolic steroid use and aggressive behavior. In Understanding Aggressive Behavior In Children, (C.F. Ferris and T. Grisso, eds.) *Annals of the New York Academy of Sciences,* New York, New York, Vol. 794, pp. 372-376

12. Connor, D.F., Ozbayrak, K.R., Kusiak, K.A., Caponi, A.B., and Melloni, R.H., Jr. (1997) Combined pharmacotherapy in children and adolescents in a residential treatment center. *Journal of American Academy of Child and Adolescent Psychiatry,* 36, 248-254.

13. Melloni, R.H., Jr., Connor, D.F., Hang, P.X.T., Harrison, R.J., and Ferris, C.F. (1997) Anabolic-androgenic steroid exposure during adolescence facilitates aggressive behavior in golden hamsters. *Physiology and Behavior,* 61, 359-364.

14. Melloni, R.H., Jr., Aronin, N., DeGennaro, L.J., Ferris, C.F., and Harrison, R.J. (1997) Dde-I restriction endonuclease fragmentation: A novel method of generating cDNA probes for in situ hybridization in brain. *Journal of Histochemistry and Cytochemistry,* 45, 755-763.

15. Ferris, C.F., Melloni, R.H., Jr., Koppel, Jr., G., Perry, K.W., Fuller R.W., and Delville, Y. (1997) Vasopressin/serotonin interactions in the anterior hypothalamus affect aggressive behavior in golden hamsters. *Journal of Neuroscience,* 17, 4331-4340.

16. Delville, Y., Melloni, R.H., Jr., and Ferris, C.F. (1998) Behavioral and neurobiological consequences of social subjugation during puberty in golden hamsters. *Journal of Neuroscience,* 18, 2667-2672.

17. Connor, D.F., Harrison, R.J., and Melloni, R.H., Jr. (1998) Biogenic amines and the psychopharmacology of aggression. *Expert Opinion on Therapeutic Patents,* 8, 349-359.

18. Connor, D.F., Melloni, R.H., Jr., and Harrison, R.J. (1998) Overt categorical aggression in referred children and adolescents. *Journal of American Academy of Child and Adolescent Psychiatry,* 37, 66-73.

19. Connor, D.F., Ozbayrak, K.R., Harrison, R.J., and Melloni, R.H., Jr. (1998) Prevalence and patterns of psychotropic and anticonvulsant medication use in children and adolescents referred to residential treatment. *Journal of Child and Adolescent Psychopharmacology,* 8, 27-38

20. Harrison, R.J., Connor, D.F., Novak, C., Nash, K., and Melloni, R.H., Jr. (2000) Chronic anabolic-androgenic steroid treatment during adolescence on increases anterior hypothalamic vasopressin and aggression in intact hamsters. *Psychoneuroendocrinology,* 25, 317-338.

21. Harrison, R.J., Connor, D.F., Novak, C., and Melloni, R.H., Jr. (2000) Chronic low dose cocaine treatment during adolescence facilitates aggression in hamsters. *Physiology and Behavior,* 69, 555-562.

22. Melloni, R.H., Jr., Connor, D.F., Todtenkopf, M.S., DeLeon, K.R., Sanyal, P. and Harrison, R.J. (2001) Repeated cocaine treatment induces spontaneous flank marking in adolescent female golden hamsters. *Physiology and Behavior,* 73, 561-570.

23. Connor, D.F., Glatt, S.J., Lopez, I.D., Jackson, D., and Melloni, R.H., Jr. (2002) Psychopharmacology and aggression: I. A meta-analysis of stimulant effects on overt/covert aggression related behaviors in ADHD. *Journal of American Academy of Child and Adolescent Psychiatry,* 41, 253-261.

24. Todtenkopf, M.S., Carreiras, T., Melloni, R.H., Jr., and Stellar, J.R. (2002) The dorsomedial shell of the nucleus accumbens facilitates cocaine-induced locomotor activity during the induction of behavioral sensitization. *Behavioral Brain Research,* 131, 9-16.

25. DeLeon, K.R., Grimes, J.M., Connor, D.F, and Melloni, R.H., Jr. (2002) Adolescent cocaine exposure and offensive aggression: Involvement of serotonin neural signaling and innervation in male syrian hamsters. *Behavioural Brain Research,* 133, 211-220.

26. Trzcinska, M., Bergh, J., DeLeon, K.R., Stellar, J.R. and Melloni, R.H. Jr. (2002) Chronic social stress during adolescence alters the induction, but not the expression of behavioral sensitization in hamsters. *Physiology and Behavior,* 76, 457-463.

27. Grimes, J.M. and Melloni, R.H., Jr. (2002) Adolescent anabolic-androgenic steroid exposure and offensive aggression: Role of serotonin neural signaling and development in intact syrian hamsters. *Pharmacology, Biochemistry and Behavior,* 73, 713-721.

28. Todtenkopf M.S., Stellar J.R., and Melloni, R.H. Jr. (2002) Neither ibotenic acid nor volkensin lesions of the nucleus accumbens shell affect the expression of cocaine-sensitization. *European Journal of Neuroscience,* 16, 541-546.

29. DeLeon, K.R., Grimes, J.M., and Melloni, R.H., Jr. (2002) Repeated anabolic-androgenic steroid treatment during adolescence increases vasopressin V1A receptor binding in syrian hamsters. Correlation with offensive aggression. *Hormones and Behavior,* 42, 182-191.

30. Connor, D.F., Miller, K.P., Cunningham, J.A., and Melloni, R.H., Jr. (2002) What does getting better mean? Child improvement and measure of outcome in residential treatment. *American Journal of OrthoPsychiatry,* 72, 110-117.

31. Cunningham, J.A., Connor, D.F., Miller, K.P., and Melloni, R.H., Jr. (2003) Staff survey results and characteristics that predict assault and injury to personnel working in mental health facilities. *Aggressive Behavior,* 29, 31-40.

32. Connor, D.F., Steingard, R.J., Anderson, J.T., and Melloni, R.H., Jr. (2003) Gender differences in reactive and proactive aggression. *Child Psychiatry and Human Development,* 33, 279-294.

33. Connor, D.F., Boone R.T., Steingard R.J., Lopez I.D., and Melloni, R.H., Jr. (2003) Psychopharmacology and aggression. II. A meta-analysis of non-stimulant medication effects on overt aggression-related behaviors in youths with serious emotional and behavioral disorders. *Journal of Emotional and Behavioral Disorders,* 11, 157-168.

34. Grimes, J.M., Ricci, L.A. and Melloni, R.H., Jr. (2003) Glutamic acid decarboxylase (GAD_{65}) immunoreactivity in aggressive, adolescent anabolic steroid treated hamsters. *Hormones and Behavior,* 44, 271-80.

35. Connor D.F., Doerfler, L.A., Volungis, A.M., Steingard, R.J., and Melloni, R.H., Jr. (2003) Aggressive behavior in abused children, (J. King and C.F. Ferris, eds.) *Annals of the New York Academy of Sciences,* New York, New York, 1008, 79-90.

36. Wommack, J.C., Salinas, A. Melloni, R.H., Jr., and Delville (2004) Behavioral and neuroendocrine adaptations to repeated stress during puberty in male golden hamsters. *Journal of Neuroendocrinology,* 16, 767-775.

37. Connor D.F., Steingard R.J., Cunningham J.A., Anderson J.T., and Melloni, R.H., Jr. (2004) Proactive and reactive aggression in referred children and adolescents. *American Journal of Orthopsychiatry,* 74, 129-136.

38. Ricci, L.A., Grimes, J.M. and Melloni, R.H., Jr. (2004) Serotonin type-3 receptors modulate cocaine-induced offensive aggression. *Behavioral Neuroscience,* 118, 1097-1110

39. Ricci, L.A., Knyshevski, I., and Melloni, R.H., Jr. (2005) Serotonin type-3 receptors stimulate offensive aggression in Syrian hamsters. *Behavioral Brain Research,* 156, 19-29.

40. Ricci, L.A., Grimes, J.M., Knyshevski, I., and Melloni, R.H., Jr. (2005) Repeated cocaine exposure during adolescence alters glutamic acid decarboxylase-65 (GAD65) immunoreactivity in hamster brain: Correlation with offensive aggression. *Brain Research,* 1035, 131-138.

41. Knyshevski, I., Connor, D.F., Harrison, R.J., Ricci, L.A., and Melloni, R.H., Jr. (2005) Persistent activation of select forebrain regions in aggressive, adolescent cocaine-treated hamsters. *Behavioral Brain Research*, 159, 277-286.

42. Knyshevski, I., Ricci, L.A., McCann, T.E., and Melloni, R.H., Jr. (2005) Serotonin type-1A receptors modulate adolescent cocaine-induced offensive aggression in hamsters. *Physiology and Behavior*, 85, 167-176.

43. Jackson D., Burns, R., Trksak, G., 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, 625-633.

44. Grimes, J.M, Ricci, L.A., Rasakham, S., and Melloni, R.H., Jr. (2005) Drugs of Abuse and Aggression. In *Biology of Aggression*, R.J. Nelson (ed.), Oxford Press. 371-423.

45. Grimes, J.M. and Melloni, R.H., Jr. (2005) Serotonin type-1B receptor activity and expression modulate the aggression-stimulating effects of adolescent anabolic steroid exposure in hamsters. *Behavioral Neuroscience*, 119, 1184-94.

46. Larson, E.T., O'Malley, D.M. and Melloni, R.H., Jr. (2006) Aggression and vasotocin are associated with dominant-subordinate relationships in zebrafish. *Behavioral Brain Research*, 15, 94-102.

47. Grimes, J.M., Ricci, L.A., and Melloni, R.H., Jr. (2006) Plasticity in anterior hypothalamic vasopressin correlates with aggression during anabolic/androgenic steroid withdrawal in hamsters. *Behavioral Neuroscience,* 120, 115-24.

48. Ricci, L.A., Rasakham, S., Grimes, J.M., and Melloni, R. H., Jr. (2006). Serotonin type-1A receptor activity and expression modulate adolescent anabolic/androgenic steroid-induced aggression in hamsters. *Pharmacology, Biochemistry and Behavior*, 85, 1-11.

49. Grimes, J.M. and Melloni, R.H., Jr. (2006) Prolonged alterations in the serotonin neural system following the cessation of anabolic/androgenic steroid exposure in hamsters (*Mesocricetus auratus*). *Behavioral Neuroscience,* 120, 1242-51.

50. Ricci, L.A., Grimes, J.M., and Melloni, R.H., Jr. (2007) Lasting changes in neuronal activation patters in select forebrain regions of aggressive, adolescent anabolic/androgenic steroid-treated hamsters. *Behavioral Brain Research,* 176, 344-352.

51. Ricci, L.A., Connor, D.F., Morrison, R, and Melloni, R.H., Jr. (2007) Risperidone exerts potent anti-aggressive effects in a a developmentall immature animal model of escalated aggression. *Biological Psychiatry*, 62, 218-225.

52. Grimes, J.M., Ricci, L.A., and Melloni, R.H., Jr. (2007) Alterations in anterior hypothalamic vasopressin, but not serotonin, correlate with the temporal onset of aggressive behavior during repeated adolescent anabolic/androgenic steroid treatment in hamsters (*Mesocricetus auratus*). *Behavioral Neuroscience,* 121, 941-948.

53. Fischer, S.G., Ricci, L.A., and Melloni, R.H., Jr. (2007) Repeated anabolic/androgenic steroid exposure during adolescence alters phosphate-activated glutaminase and glutamate receptor 1 (GluR1) subunit immunoreactivity in hamster brain: Correlation with offensive aggression. *Behavioral Brain Research,* 180, 77-85.

54. Schwartzer, J.D., Connor, D.F, Morrison, R., Ricci, L.A., and Melloni, R.H., Jr. (2008) Repeated risperidone administration during puberty prevents the generation of the aggressive phenotype in a developmentally immature animal model of escalated aggression. *Physiology and Behavior*, 95, 176-181.

55. Ricci, L.A., Schwartzer, J.J., and Melloni, R.H., Jr. (2008) Alterations in the anterior hypothalamic dopamine system adolescent, anabolic/androgenic steroid treated hamsters. *Hormones and Behavior*, In Press.

56. Schwartzer, J.D., Connor, D.F, Morrison, R., Ricci, L.A., and Melloni, R.H., Jr. (2008) Acute and repeated exposure to paliperidone suppresses the development of the aggressive phenotype in a developmentally sensitive animal model of escalated aggression. *Psychopharmacology*, In Press.

57. Schwartzer, J.J., Ricci, L.A., and Melloni, R.H., Jr. (2008) Lateral anterior hypothalamic serotonin-2A receptors modulate the aggression-stimulating effects of adolescent anabolic/androgenic steroid exposure in hamsters. *Behavioral Brain Research*, Under Review.

58. Carrillo, M, Ricci, L.A.,and Melloni, R.H., Jr. (2008) Adolescent anabolic steroids reorganize the glutamatergic neural circuitry in the hypothalamus. *Brain Research*, Under Review.

In Preparation

1. Larson, E.T., Ricci, L.A., Summers, C., O'Malley, D.M. and Melloni, R.H., Jr. Nature trumps nature: Interactions of age, experience, and social status in zebrafish.

2. Ricci, L.A. Rasakham, K., and Melloni, R.H., Jr. Serotonin type-3 receptor localization in syrian hamster brain: Comparative analysis with rat reconciling functional and anatomical inconsistencies.

3. Fischer, S.G, Ricci, L.A., and Melloni, R.H., Jr. Chronic low dose fluoxetine treatment during adolescence facilitates offensive aggression in hamsters.

4. Grimes, J.M. and Melloni, R.H., Jr. Plasticity in the GABAergic neural system precedes the return of the non-aggressive phenotype during anabolic steroid withdrawal in hamsters.

5. Larson, E.T., O'Malley, D.M., and Melloni, R.H., Jr. Differential neuronal activation patterns associated with dominant subordinate relationships in zebrafish.

Abstracts

1. DeGennaro, L.J., Estes, P.S., and Melloni, R.H., Jr. (1989) Synapsin I gene expression: a biomarker in dementia? *Fourth Annual Scientific Poster Session*, Massachusetts Alzheimer's Disease Research Center, Massachusetts General Hospital, Boston, MA.

2. Melloni, R.H., Jr., Estes, P.S., Howland, D.S., and DeGennaro, L.J. (1991) A method for the direct measurement of mRNA in discrete regions of mammalian brain. *Journal of Cell Biology Abstracts*, 115, 323a.

3. Melloni, R.H., Jr., Tokito, M., DeGennaro, L.J., and Holzbaur E.L. F. (1992) Distribution of mRNA encoding the 150 kd cytoplasmic dynein-associated polypeptide in rat brain. *Molecular Biology of the Cell*, 3, 161a.

4. Melloni, R.H., Jr., Hemmendinger, L.M., Hamos, J.E., and DeGennaro L.J. (1992) Synapsin I mRNA in the rat CNS by in situ hybridization. *Journal of Neuroscience Abstracts*, 18, 787.

5. Melloni, R.H., Jr. and DeGennaro, L.J. (1993) Temporal onset of synapsin I gene expression coincides with neuronal differentiation during rat CNS development. *Journal of Neuroscience Abstracts*, 19, 261.

6. Melloni, R.H., Jr., Apostolides, P.J., Hamos, J.E, and DeGennaro, L.J (1993) Synapsin I gene expression during development and in response to selective lesions of the rat CNS. *Journal of Neuroscience Abstracts*, 19, 1713.

7. Melloni, R.H., Jr. DiBennedetto, L., Brewer, J.A., Delville, Y., DeGennaro, L.J., and Ferris, C.F. (1994) Restoration of vasopressin release following hypophysectomy in rats. *Journal of Neuroscience Abstracts,* 20, 1176.

8. Ferris, C.F., Melloni, R.H., Jr. Abbott, M.A., and Delville, Y. (1995) Behavioral and neurobiological consequences of adolescent abuse in golden hamsters. *Journal of Neuroscience Abstracts,* 21, 1695.

9. Harrison, R.J., Dobner, P.R., and Melloni, R.H., Jr. (1995) Co-induction of c-jun and neurotensin mRNAs in the dorsolateral striatum following haloperidol treatment. *Journal of Neuroscience Abstracts,* 21, 1597.

10. Melloni, R.H., Jr. Delville, Y., and Ferris, C.F. (1995) Vasopressin/serotonin interactions control offensive aggression in golden hamsters. *Journal of Neuroscience Abstracts,* 21, 1695.

11. Melloni, R.H., Jr., Harrison, R.J., Connor, D.F., and Ferris, C.F. (1996) Adolescent anabolic steroids, vasopressin, and aggression in golden hamsters. *Journal of Neuroscience Abstracts,* 22, 2068.

12. Ferris, C.F., Harrison, R.J., and Melloni, R.H., Jr. (1996) Molecular cloning and binding characteristics of the vasopressin V1A receptor in golden hamsters. *Journal of Neuroscience Abstracts,* 22, 2068

13. Harrison, R.J., Melloni, R.H., Jr., and Ferris, C.F. (1996) Early Stress alters the temporal onset of agonistic behavior in golden hamsters. *Journal of Neuroscience Abstracts,* 22, 2069.

14. Harrison, R.J., Connor, D.F., and Melloni, R.H., Jr. (1996) Neuroleptics, neuromodulation and aggression. *Second Annual International Colloquium on Aggression, Mental Illness and Psychiatric Intervention,* Philippe Pinel Research Center, Montreal (Quebec)

15. Melloni, R.H., Jr. Connor, D.F., Nash, K., and Harrison, R.J. (1997) Chronic anabolic steroid exposure during adolescence stimulates vasopressin-dependent aggression in hamsters. *Journal of Neuroscience Abstracts,* 23, 1870.

16. Harrison, R.J., Connor, D.F., Nowak, C., and Melloni, R.H., Jr. (1997) Chronic cocaine treatment alters offensive aggression in golden hamsters. *Journal of Neuroscience Abstracts,* 23, 1094.

17. Yin, Y., Harrison, R., Mullikin-Kilpatrick, D., Lemos, J. and Melloni, R.H., Jr. (1997) Knock-out of synaptophysin in PC-12 cells. *Journal of Neuroscience Abstracts,* 23, 1169.

18. DeLeon, K.R. and Melloni, R.H., Jr. (2000) Adolescent cocaine, serotonin, and aggression in hamsters. *Journal of Neuroscience Abstracts,* 26, #658.23.

19. Burns, R.H., Jackson, D., and Melloni, R.H., Jr. (2000) Adolescent cocaine, vasopressin, and aggression in hamsters. *Journal of Neuroscience Abstracts,* 26, #658.2.

20. Jackson, D., Melloni, R.H., Jr., Bolanos, C.A., and Burns, R.H. (2000) The effects of prenatal cocaine exposure on hypothalamic arginine vasopressin neurons in golden hamsters. *Journal of Neuroscience Abstracts,* 26, #95.9.

21. Harrison, R.H., Connor, D.F., Alexander, M.J., and Melloni, R.H., Jr. (2000) Adolescent cocaine and flank marking in female hamsters. *Journal of Neuroscience Abstracts,* 26, #373.6

22. Bergh, J., Stellar, J.R., Tryzcinska, M., and Melloni, R.H., Jr. (2000) Chronic social stress during adolescence alters the induction, but not expression of behavioral sensitization to cocaine in hamsters. *Journal of Neuroscience Abstracts,* 26, #656.8.

23. Grimes, J.M. and Melloni, R.H., Jr. (2001) Adolescent anabolic steroids, serotonin, and aggression in hamsters. *Journal of Neuroscience Abstracts,* 27, #856.1.

24. Todtenkopf, M.S., Carreiras, T., Melloni, R.H., Jr. and Stellar, J.R. (2001) The effects of an electrolytic lesion of the dorsomedial shell of the nucleus accumbens on cocaine-induced locomotor activity and sensitization. *Journal of Neuroscience Abstracts,* 27, #443.16.

25. Lesley A. Potter and Melloni, R.H., Jr. (2002) Adolescent cocaine exposure, serotonin/vasopressin and aggression in hamsters. *14th Meeting of the International Society for Research on Aggression,* McGill University, Montreal (Quebec).

26. Jill M. Grimes and Melloni, R.H., Jr. (2002) Serotonin modulates offensive aggression in adolescent anabolic steroid-treated hamsters. *14th Meeting of the International Society for Research on Aggression,* McGill University, Montreal (Quebec).

27. Melloni, R.H., Jr. (2002) Prenatal cocaine exposure, vasopressin, and aggression in hamsters. *14th Meeting of the International Society for Research on Aggression,* McGill University, Montreal (Quebec).

28. Jill M. Grimes and Melloni, R.H., Jr. (2002) Serotonin neural signaling and development modulate offensive aggression in adolescent anabolic steroid-treated hamsters. *6th Meeting of the Society for Behavioral Neuroendocrinology,* The University of Massachusetts, Amherst, Massachusetts.

29. Melloni, R.H., Jr., Connor, D.F., Grimes, J.M., Karper, P. and Potter, L.A. (2002) Repeated adolescent cocaine treatment activates primary aggression areas in hamster brain. *Journal of Neuroscience Abstracts,* 28, #288.19.

30. Ong, C., Melloni, R.H., Jr., and Waszczak, B.L. (2002) Differential expression of D2 dopamine receptor immunoreactivity (D2-ir) on striatonigral and striatopallidal neurons in the rat. *Journal of Neuroscience Abstracts,* 28, #359.11.

31. Grimes, J.M. and Melloni, R.H., Jr. (2002) Adolescent anabolic steroids, serotonin receptors, and aggression in syrian hamsters. *Journal of Neuroscience Abstracts,* 28, #288.18.

32. Potter, L.A. and Melloni, R.H., Jr. (2002) Serotonin type-3 receptors modulate adolescent cocaine-facilitated aggression in syrian hamsters. *Journal of Neuroscience Abstracts,* 28, #288.17.

33. Todtenkopf M.S., Stellar J.R., and Melloni, R.H. Jr. (2002) Ibotenic acid or volkensin lesions of the nucleus accumbens shell do not affect the expression of cocaine-sensitization. *Journal of Neuroscience Abstracts,* 28, #499.15.

34. Grimes, J.M. and Melloni, R.H., Jr. (2003) Developmental and long-term analysis of serotonin innervation in brain of hamsters treated with anabolic-androgenic steroids during adolescence. *Journal of Neuroscience Abstracts,* 29, #839.15.

35. Grimes, J.M. and Melloni, R.H., Jr. (2003) Chronic adolescent anabolic-androgenic steroid exposure increases offensive aggression and alters GAD_{65} immunoreactivity in syrian hamster brain. *Journal of Neuroscience Abstracts,* 29, #839.8.

36. Ricci, L.A. and Melloni, R.H., Jr. (2003) 5-HT_3 receptors modulate cocaine-facilitated adolescent aggression in syrian hamsters. *Journal of Neuroscience Abstracts,* 29, #838.5.

37. Ricci, L.A. Knyshevski, I., and Melloni, R.H., Jr. (2004) Serotonin type-3 receptors stimulate offensive aggression in syrian samsters. *Journal of Neuroscience Abstracts.* 30, #

38. Melloni, R.H., Jr, Ricci, L.A., and Knyshevski, I. (2004) Neural plasticity in aggressive trained fighters. *Journal of Neuroscience Abstracts.* 30, #

39. Knyshevski, I., Ricci, L.A. , Grimes, J.M., and Melloni, R.H., Jr. (2004) Glutamic acid decarboxylase (GAD_{65}) immunoreactivity in brains of aggressive, adolescent cocaine treated hamsters. *Journal of Neuroscience Abstracts.* 30, #

40. Rasakham, K., Ricci, L.A. Knyshevski, I., and Melloni, R.H., Jr. (2004) 5-HT_3 receptor localization in syrian hamster brain: Comparative analysis with rat reconciling functional and anatomical inconsistencies. *Journal of Neuroscience Abstracts* . 30, #

41. Ricci, L.A. Connor, D.F., Morrison, R., and Melloni, R.H., Jr. (2005) Risperidone and the behavioral pharmacology of escalated aggression. *Journal of Neuroscience Abstracts* . 31,

42. Larson, E.T., O'Malley, D.M., and Melloni, R.H., Jr. (2005) Differential neuronal activation patterns associated with dominant subordinate relationships in zebrafish. *Journal of Neuroscience Abstracts.* 31,

43. Grimes, J.M. and Melloni, R.H., Jr. (2005) Anabolic-steroid withdrawal, aggression, and the serotonin neural system in syrian hamsters. *Journal of Neuroscience Abstracts.* 31, #870.19

44. Grimes, J.M. and Melloni, R.H., Jr. (2005) Adolescent anabolic steroids, GABA-A receptors, and aggression in syrian hamsters. *Journal of Neuroscience Abstracts.* 31, #870.18.

45. Grimes, J.M. and Melloni, R.H., Jr. (2005) Adolescent anabolic steroid-induced aggression: Involvement of serotonin 1B receptor signaling and development in male Syrian Hamsters. *Hormones and Behavior*, 48, 104.

46. Larson, E.T., O'Malley, D.M., and Melloni, R.H., Jr. (2005) Aggression and vasotocin are associated with social rank in zebrafish. *Hormones and Behavior*, 48, 111.

47. Ricci, L.A., Rasakham, S., and Melloni, R.H., Jr. (2005) Serotonin type 1A receptors and adolescent anabolic steroid-induced aggression in hamsters. *Hormones and Behavior*, 48, 122.

48. Schwartzer, J.J., Ricci, L.A., Connor, D.F., Morrison, R., Melloni, R.H., Jr (2006) Risperidone prevents the phenotypic expression of adolescent cocaine-induced offensive aggression in the syrian hamster: a developmental neuropharmacological analysis. *Journal of Neuroscience Abstracts.* 32, #198.1.

49. Ricci, L.A., Fischer, S.G., Melloni, R.H., Jr (2006) Adolescent exposure to fluoxetine potentiates offensive aggression in Syrian hamsters. *Journal of Neuroscience Abstracts.* 32, #198.15.

50. Fischer, S.G. & Melloni, R.H., Jr (2006) Increased phosphate-activated glutaminase expression in hypothalamic and limbic nuclei of anabolic androgenic steroid-treated hamsters. *Journal of Neuroscience Abstracts.* 32, #816.19

51. Melloni, R.H., Jr (2006) Risperidone and the Development of Aggression in Adolescent Animal Models. *Scientific Procedings of the 53rd Annual Meeting of the American Academy of Child and Adolescent Psychiatry*, San Diego, California, p.41.

Other

1. Melloni, R.H., Jr. (1996) Adolescent anabolic steroids, vasopressin, and aggression in golden hamsters. *Society for Neuroscience Press Book,* pp. 451-453.

2. Melloni, R.H., Jr. (1997) Chronic anabolic steroid exposure during adolescence stimulates vasopressin-mediated aggression in hamsters. *Society for Neuroscience Press Book,* pp. 187-190.

3. Harrison, R.J., Connor, D.F., and Melloni, R.H., Jr. (1997) Chronic cocaine exposure during adolescence elevates offensive aggression in adult golden hamsters. *Society for Neuroscience Press Book*, pp. 321-324.

Scientific Proceedings

1. Preclinical models of adolescent anabolic steroid abuse and aggression. (1996) *2nd Annual International Colloquium on Aggression, Mental Illness and Psychiatric Intervention*, Philippe Pinel Research Center, Montreal (Quebec).

2. Adolescent anabolic steroids activate the anterior hypothalamic vasopressin neural circuit controlling aggression in hamsters. (1998) *12th Meeting of the International Society for Research on Aggression*, Ramapo College, Ramapo, New Jersey.

3. Prenatal cocaine exposure, vasopressin, and aggression in hamsters. (2002) *14th Meeting of the International Society for Research on Aggression*, McGill University, Montreal (Quebec).

4. Adolescent anabolic/androgenic steriods: Neuro-behavioral consequences for aggression (2005) *9th Meeting of the Society for Behavioral Neuroendocrinology*, University of Texas, Austin, Texas.

5. Conference Chairman: Neurobehavioral consequences of anabolic-androgenic steroid abuse (2005) *9th Meeting of the Society for Behavioral Neuroendocrinology*, University of Texas, Austin, Texas.

6. Adolescent Anabolic Steroids: Neuro-Developmental Consequences for Aggression (2006) *Workshop on Steroid Hormones and Brain Function. Neurobiology of Anabolic-Androgenic Steroid Abuse*. Breckenridge, Colorado.

7. Adolescent Drug Abuse, Vasopressin & Aggression: Divergent Drugs Yet Convergent Neural Paths to the Development of the Aggressive Phenotype (2006) *16th Meeting of the International Society for Research on Aggression*, Minneapolis, Minnesota.

8. Serotonin Neural Signaling and Development Modulate the Generation of the Aggressive Phenotype in a Preclinical Model of Adolescent Anabolic Steroid Abuse (2006) *16th Meeting of the International Society for Research on Aggression*, Minneapolis, Minnesota.

9. Effect of Risperidone in an Adolescent Animal Model of Maladaptive Aggression (2006) *53rd Annual Meeting of the American Academy of Child and Adolescent Psychiatry*, San Diego, California.

Invited Seminars and Medical Education

5/2007 Adolescent Anabolic Steroids and the Neurobiology of Aggression, DBNBR Science Friday Seminar Series, National Institutes of Health, Bethesda, Maryland.

8/2006 What Preclinical Animal Models Can Teach Us About and the Clinical Management of Aggression. Psychiatry Grand Rounds, Massachusetts Mental Health Hospital, Jamaica Plain, Massachusetts

8/2006 Anabolic-Androgenic Steroids: Facts…Not Fiction. Northeastern University Football Program Guest Lecturer, Northeastern University, Boston, Massachusetts.

5/2006 From Heated Hamsters to Angry Andy: What Preclinical Animal Models Can Teach Us About The Clinical Management of Aggression. Medical Grand Rounds, Southcoast Hospital Group, Tobey Hospital, Wareham, Massachusetts.

4/2006 Preclinical Animal Models and the Clinical Management of Aggression. Psychiatry Resident Training Series, Brigham and Women's Hospital, Boston, Massachusetts

12/2005 Adolescent Drug Abuse: Neuro-behavioral consequences for aggression. Center for Behavioral Neuroscience, Georgia State University, Atlanta, Georgia.

10/2005 Anabolic/androgenic steriods: Neuro-developmental consequences for aggression. Biology Seminar Series, Northeastern University, Boston, Massachusetts.

5/2005 The Neurobiology of Aggression:What Psychiatry Can Learn From Hamsters..&..Fish. Psychiatry Resident Training Series, Brigham and Women's Hospital, Boston, Massachusetts

10/2004 Adolescent Drug Abuse: Neuro-developmental consequences for aggression. Neuroscience Seminar Series, University of Massachusetts Medical Center, Worcester, Massachusetts.

9/2004 Steriods, Stimulants and Aggression: Divergent drugs yet convergent paths to the development of the aggressive phenotype. Joint Seminar: Basic Biomedical Sciences, Biology, and the Center for Biomedical Research Excellence, University of South Dakota, Vermillion, South Dakota.

5/2004 The neurobiology of aggression: How hamsters might pave the path to an effective treatment strategy for impulsive aggression, Medical Grand Rounds, Southcoast Hospital Group, Tobey Hospital, Wareham, Massachusetts.

4/2004 Adolescent anabolic steroids: Neuro-developmental consequences for aggression, Cutting Edge in Science Seminar Series, National Institutes of Health, Bethesda, Maryland.

4/2004 Drug abuse and the neurobiology of aggression: What psychiatry can learn from hamsters. Psychiatry Resident Rounds, Brigham and Women's Hospital, Boston, Massachusetts

6/2003 Adolescent drugs of abuse and the neurobiology of aggression: Divergent drugs yet convergent paths to the development of the aggressive phenotype. Psychiatry Grand Rounds, University of Massachusetts Medical Center, Worcester, Massachusetts.

2/2003 Adolescent drug exposure and the neurobiology of aggression: A tale of two transmitters. Neuroscience Seminar Series, McLean Hospital, Belmont, Massachusetts.

4/2002 Adolescent drug abuse and the neurobiology of aggression: A tale of two transmitters. Department of Psychology Seminar Series, University of Texas, Austin, Texas.

9/2001 The Neurobiology of Aggression. What Animal Models Can Tell Us. Barnett Institute Research Retreat, The Barnett Institute of Chemical and Biological Analysis, Northeastern University, Boston, Massachusetts.

3/2001 Adolescent drug abuse and the neurobiology of aggression: A tale of two transmitters. Neuroscience Seminar Series, Northeastern University, Boston, Massachusetts.

1/2000 Adolescent anabolic steriods and the neurobiology of aggression. Neuroscience Seminar Series, Northeastern University, Boston, Massachusetts.

3/1998 Animal models and the neurobiology of aggression. Psychiatry Grand Rounds, University of Massachusetts Medical Center, Worcester, Massachusetts.

4/1997 The Devereux aggression project: Characterization and neurobiology of a clinical sample. The Deveraux Foundation, Rutland, Massachusetts.

GRANTS

Awarded

2006-2008 Jannsen Pharmaceuticals – Principal Investigator
Pali-Peridone and the Behavioral Pharmacology of Aggression

2005-2007 Jannsen Pharmaceuticals – Principal Investigator
Risperidone and the Behavioral Pharmacology of Impulsive Aggression

2005 National Institutes of Health – Principal Investigator
Undergraduate Research with NIDA – Summer Supplement
Adolescent Drug Abuse and the Neurobiology of Aggression

2004-2005 Northeastern University – Principal Investigator
Research and Scholarship Development Fund Award
Atypical Antipsychotics: Aggression Panacea or General Behavioral Suppressant

2004 National Institutes of Health – Principal Investigator
Undergraduate Research with NIDA – Summer Supplement
Adolescent Drug Abuse and the Neurobiology of Aggression

2003-2008 National Institutes of Health - Principal Investigator
RO1 DA10547 07-12
Adolescent Anabolic Steroids, Vasopressin and Aggression

2003 National Institutes of Health – Principal Investigator
Undergraduate Research with NIDA – Summer Supplement
Anabolic Steroids and the Neurobiology of Aggression

2002-2003 Northeastern University – Principal Investigator
Faculty Undergraduate Research Institute Award
Adolescent Cocaine and the Neurobiology of Aggression

2002-2003 The Devereux Foundation – Co-Investigator with Dr. Daniel Connor
Early Developmental Stress and Aggression in Psychiatrically-Referred Youth

2002-2003 National Institutes of Health – Principal Investigator
Undergraduate Research with NIDA – Summer Supplement
Adolescent Cocaine and the Neurobiology of Aggression

2001-2002 Northeastern University – Principal Investigator
Undergraduate Research Fund Award
Adolescent Cocaine and the Control of Flank Marking in Female Hamsters

2001-2002 Northeastern University – Principal Investigator
Research and Scholarship Development Fund Award
Aggression, Substance Abuse, and Biological Reactivity in Referred Youth

2001-2002 National Institutes of Health – Principal Investigator
Undergraduate Research with NIDA – Summer Supplement
Adolescent Drug Abuse and the Neurobiology of Aggression

2000-2001 Northeastern University – Co-Investigator with Dr. Denise Jackson
Research and Scholarship Development Fund Award
Effects of Prenatal Cocaine Exposure on Serotonergic Regulation of Arginine Vasopressin Release in Golden Hamsters

1996-2002 National Institutes of Health - Principal Investigator
R29 DA10547 01-06
Adolescent Anabolic Steroids, Vasopressin and Aggression

1995-1996 The Harry Frank Guggenheim Foundation - Principal Investigator
Neuronal Plasticity and the Control of Aggressive Behavio

TEACHING AND ADVISING

Graduate Courses

2000-present	Behavioral Neuroscience Proseminar
2000-present	Methods in Psychology, Team taught – 2 lectures/year
1986-1987	Teaching Assistant, Neuroanatomy Laboratory, Psychology Department, University of Hartford, West Hartford, Connecticut.

UndergraduateCourses

2003-present	Psychopharmacology Honors Adjunct
2002-2004	Biology Junior/Senior Honors
2001-2003	Psychobiology Seminar
2001-present	Psychopharmacology
2000-present	Psychobiology Directed/Independent Study
2000-present	Psychobiology Honors Adjunct
1999-present	Psychobiology Honors Thesis
1999-present	Psychobiology
1996-1997	Lecturer, Molecular Neurobiology Section, Neuroscience Course, Biology Department, Clark University, Worcester, Massachusetts
1986-1987	Lecturer, Introduction to Biology, College of Basic Studies, University of Hartford, West Hartford, Connecticut
1986-1987	Teaching Assistant, Introduction to Biology Laboratory, Biology Department University of Hartford, West Hartford, Connecticut

Educational Outreach: Courses and Programs

2001-present	Laboratory Host, Undergraduate Summer Research Program, National Institute on Drug Abuse, Bethesda, Maryland
1997-1998	Coordinator and Instructor, Cell and Molecular Biology, Massachusetts Academy of Mathematics and Science, Worcester, Massachusetts
1996-1998	Coordinator and Instructor, Concepts in Biotechnology, The Education Cooperative, Wellesley, Massachusetts
1995-1998	Laboratory Host, Howard Hughes Summer Fellowship Programs, Office of Science Education, University of Massachusetts Medical Center, Worcester, Massachusetts
1994-1998	Lecturer, Frontiers in Science Program, Office of Science Education, University of Massachusetts Medical Center, Worcester, Massachusetts
1993-1998	Laboratory Host, High School Health Careers Program, Offices of Outreach Programs and Science Education, University of Massachusetts Medical Center, Worcester, Massachusetts
1992-1995	Mentor, Science Mentor Program, Worcester Foundation for Experimental Biology, Shrewsbury, Massachusetts
1992-1994	Coordinator and Instructor, Molecular Biology Workshop, Massachusetts Biotechnology Research Institute and Office of Science Education, University of Massachusetts Medical Center, Worcester, Massachusetts
1990-1994	Research Placement Coordinator and Laboratory Host, AHEC Frontiers in Science Minority Teacher Summer Fellowship Program, University of Massachusetts Medical Center, Worcester, Massachusetts

Supervision of Graduate Students

2007-present	Jared Schwartzer, Doctoral Candidate in Experimental Psychology Northeastern University, Boston, Massachusetts Dopamine/Vasopressin modulate anabolic steroid-induced aggression.
2006-present	Maria Carrillo, Doctoral Candidate in Experimental Psychology Northeastern University, Boston, Massachusetts Glutamate/GABA modulate adolescent anabolic steroid-induced aggression.
2006-2008	Glenn Coppersmith, Doctoral Dissertation in Experimental Psychology Northeastern University, Boston, Massachusetts Mediators and modulators of aggression subtype in referred-youth.
2005-2007	Shannon Fischer, Master's Thesis in Experimental Psychology Northeastern University, Boston, Massachusetts Glutamate modulates adolescent anabolic steroid-induced aggression.
2001-2006	Jill Grimes, Doctoral Dissertation in Experimental Psychology Northeastern University, Boston, Massachusetts Serotonin/GABA modulate adolescent anabolic steroid-induced aggression.
2003-2005	Khampaseuth Rasakham, Masters Thesis in Experimental Psychology Northeastern University, Boston, Massachusets Adolescent anabolic steroids, serotonin/vasopressin, and aggression.
2001-2005	Lesley Ricci, Doctoral Dissertation in Experimental Psychology Northeastern University, Boston, Massachusetts Serotonin type-3 receptors modulate adolescent cocaine-induced aggression.
1993-1998	Yung Yin, Doctoral Dissertation in Biomedical Science Worcester Polytechnical Institute, Worcester, Massachusetts Generation and analysis of synaptophysin "knock-out" PC12 cells.
1996-1997	Paula DeDiego, Masters Thesis in Biology Fitchburg State College, Fitchburg, Massachusetts Developmental Effects of Haloperidol on Vasopressin in Hamsters.
1994-1995	Mark Tiffany, Masters Thesis in Biology Clark University, Worcester, Massachusetts Molecular Cloning of the Hamster Vasopressin V1A-Subtype Receptor.

Supervision of Undergraduate Students

<u>NIDA Undergraduate Summer Fellowship Program</u>

2005	Diana Joshua, Biology Undergraduate University of the Virgin Islands, St. Thomas, Virgin Islands
2004	Jasmin Courtney, Biology Undergraduate Spelman College, Atlanta, Georgia
	Inzhili Ismail, Biology Undergraduate Virginia Union University, Richmond, Virginia
2003	Inzhili Ismail, Biology Undergraduate Virginia Union University, Richmond, Virginia
2002	, Behavioral Neuroscience Undergraduate University of Washington, Seattle, Washington

2001 Monique Bailey, Biology Undergraduate
Lincoln University, Lincoln University, Pennsylvania

Undergraduate Honors Thesis

2003-2005 Thomas McCann, Behavioral Neuroscience Undergraduate
Dopamine D2 receptors modulate adolescent cocaine-induced aggression.

2002-2003 Irina Knyshevski, Behavioral Neuroscience Undergraduate
Dopamine modulates adolescent cocaine-induced aggression.

1999-2001 , Psychology Undergraduate and Presidential Scholar
Psychosocial risk and aggression in psychiatrically-referred youth.

1999-2000 Jennifer Berg, Behavioral Neuroscience Undergraduate and Presidential Scholar
(Co-Advisee with Dr. James Stellar),
Developmental social stress and behavioral sensitization to cocaine.

1999-2000 Christina DiTomasso, Behavioral Neuroscience Undergraduate
Abuse history and aggression: A retrospective study.

1995-1998 Cristine Novak, The College of the Holy Cross, Worcester, Massachusetts
Animal models of substance abuse and aggression

1993-1998 Marcel Roy, Carlson Scholar, Clark University, Worcester, Massachusetts
Sequencing and expression of the hamster vasopressin V1A receptor

1995-1996 Nadeem Syed, Worcester Polytechnical Institute, Worcester, Massachusetts
Molecular cloning of the hamster serotonin 1B-subtype receptor

1995-1996 Rajesh Nandwani, Worcester Polytechnical Institute, Worcester, Massachusetts
DNA sequencing of the hamster serotonin 1B-subtype receptor

Directed/Independent Study, Co-Operative Education and Internship

2006-2007 Nicole Ciampanelli, Psychology Undergraduate, Directed Study

2005-2007 Jared Schwartzer, Psychology Undergraduate, Directed Study

2005 Mathew Propert, Behavioral Neuroscience Undergraduate, Directed Study

2004-2005 Christine Brigman, Behavioral Neuroscience Undergraduate, Directed Study
Sara Mycek, Psychology Undergraduate, Directed Study
Melissa Anderson, Behavioral Neuroscience Undergraduate, Directed Study

2003-2005 Thomas McCann, Behavioral Neuroscience Undergraduate, Directed Study

2003-2004 Anthony Marfeo, Behavioral Neuroscience Undergraduate, Directed Study
Emily Staupe, Behavioral Neuroscience Undergraduate, Independent Study
Janelle Moulder, Behavioral Neuroscience Undergraduate, Directed Study

2003 Alexander Broussett, Psychology Undergraduate, Directed Study
Joshua Ross, Psychology Undergraduate, Directed Study

2002-2003 Ebbin Tessari, Behavioral Neuroscience Undergraduate, Directed Study
Irina Knyshevski, Behavioral Neuroscience Undergraduate, Directed Study

2000-2003 Maria Perona, Behavioral Neuroscience Undergraduate, Directed Study

and Co-Op

2002	Manual Alves, Psychology Undergraduate, Directed Study Matt Riolo, Behavioral Neuroscience Undergraduate, Directed Study
2001-2002	Lonnie Lawrence, Psychology Undergraduate, Directed Study Ann Marie Van Hof, Psychology Undergraduate, Directed Study
2000-2001	Brennan Fish, Psychology Undergraduate, Directed-Study and Co-Op Jill Grimes, Psychology Undergraduate, Directed Study and Co-Op
1999	Eric Collins, Psychology Undergraduate, Independent-Study Kevin Deniston, Psychology Undergraduate, Directed-Study Amber James, Psychology Undergraduate, Directed-Study
1998	Kevin Forsythe, Brown University, Providence, Rhode Island, Internship
1996-1997	Anita A. Makri, Clark University, Worcester, Massachusetts, Internship
1995-1996	Phoung Hang, Dartmouth College, Hanover, New Hampshire, Internship Keith Barlow, Clark University, Worcester, Massachusetts , Internship Amanda Ottoson, Holy Cross College, Worcester, Massachusetts, Internship
1994	Cathleen Crowley, Boston University, Boston, Massachusetts, Internship

Advising Activities - Northeastern University

2006-present	Head Advisor, Undergraduate Behavioral Neuroscience Program
2003-2006	Experiential Education Advisor, Undergraduate Behavioral Neuroscience Program
2002-2005	Advisor, Pre-Med Health Advisory Committee
1999-present	Pre-Med Advisor, Psychology Department
1999-2006	Core Advisor, Undergraduate Behavioral Neuroscience Program

SERVICE AND PROFESSIONAL DEVELOPMENT

Service to the Psychology Department - Northeastern University

2006-present	Ph.D. Thesis Committee, Kampeuseth Rasakham
2003-2005	Ph.D. Thesis Committee, Heather Brenhouse
2003-2004	Merit Review Committee
2002-2005	Ph.D. Thesis Committee, Farzad Mortazavi
2001-2005	Ph.D. Thesis Committee, George Tryksak
2001-2004	Ph.D. Thesis Committee, James Akula
	Ph.D. Thesis Committee, Nora Murphy
2001-2003	Senior Honors Committee, Andrew Voluse
2000-2002	Ph.D. Thesis Committee, Aurora Mendelson
2000-2001	Ph.D. Thesis Committee, Steven Glatt
1999-2001	Ph.D. Thesis Committee, Mark Todtenkopf

Service to the Institution

Northeastern University

2006-present	Director, Interdisciplinary Behavioral Neuroscience Program
2005-present	Chairman, Graduate Neuroscience Ph.D. Program Steering Committee

2005-present	Ph.D. Thesis Committee, William Dickerson, Pharmaceutical Sciences
2004-present	Chairman, Institutional Animal Care and Use Committee
2003-2006	Assistant Director, Interdisciplinary Behavioral Neuroscience Program
2003	Behavioral Neuroscience Senior Honors Committee, Siobhan Walsh
	Behavioral Neuroscience Senior Honors Committee, Danielle Zito
2001-present	Institutional Animal Care and Use Committee
1999-present	Graduate Neuroscience Ph.D. Program Steering Committee
2001-2002	Behavioral Neuroscience Senior Honors Committee, Lisa Keeler
	Behavioral Neuroscience Senior Honors Committee, Eric Oh
1999-2003	Radiation Safety Committee
1999	Behavioral Neuroscience Senior Honors Committee, Jasmine Hasque

University of Massachusetts Medical School

1997-1998	Admissions Committee, Graduate School of Biomedical Sciences
1996-1998	Graduate Council, Graduate School of Biomedical Sciences
1996-1997	Grant Review Committee, Joseph P. Healy Awards

Service to the Discipline/Profession

Grant Review Panels

2006-present	Cellular and Molecular Neurobiology Special Emphasis Review Panel (MDCN-G-02), member, National Institutes of Health, Center For Scientific Review. 8/2006.
2005-present	BioBehavioral Regulation, Learning and Ethology Review Panel (BRLE), Panel member, National Institutes of Health, Center For Scientific Review. 2005-2009.
2004-present	Grant Review Panel, *ad hoc* member, Harry Frank Guggenheim Foundation. 8/2005-06.
2004-2005	BioBehavioral Regulation, Learning and Ethology Review Panel (BRLE), *ad hoc* member, National Institutes of Health, Center For Scientific Review. 2/2004-05
2003	Neurosciences Review Panel, The Wellcome Trust, London, England
2002-2003	Biobehavioral and Behavioral Processes Special Emphasis Review Panel (BBBP-1) *ad hoc* member, National Institutes of Health, Center For Scientific Review. February and October 2002, October 2003.

Peer-Review Journals

2004-present Reviewer, *Behavioral Neuroscience*, APA Publishing
Reviewer, *Developmental Psychobiology*, Wiley Publishing

2003-present Reviewer, *Neuroscience*, Pergamon Publishing.
Reviewer, *Psychopharmacology*, Springer Publishing.

2002-present Reviewer, *Behavioural Brain Research*, Elsevier Publishing
Reviewer, *Pharmacology, Biochemistry and Behavior*, Elsevier Publishing

2001-present Reviewer, *Hormones and Behavior*, Elsevier Publishing.

2000-present Reviewer, *Physiology and Behavior*, Elsevier Publishing.

Service to Community

2007-present Chairman, "Make-it-Happen" Scholarship and Hardship Campaign, Gleason Family YMCA, Wareham, MA

1997-present Founder and Chairman, Dick Melloni Youth Foundation (DMYF), Wareham, Massachusetts, http://www.dmyf.org

DMYF Organized Events in 2007:
15th Annual Dick Melloni Memorial Christmas Toy Drive
20th Annual Dick Melloni Invitational Golf Tournament
7rd Annual DMYF "Lids-4-Kids" Child Bicycle Safety Program
6rd Consecutive Year of the DMYF Well-Child Book Program
6nd Annual DMYF "Foundation Fifty-Five" Charity Bicycle Tour

1997-present Member, The Wareham Community Associates, Wareham, MA

2006-present	Treasurer
2003–2006	President
2002–2003	Vice President and President Elect

2002-2003 Major Gifts Committee and Charter Member, Wareham YMCA Development Project, Wareham, Massachusetts.

Professional Development

Membership in Professional Organizations

Society for Neuroscience
International Society for Research on Aggression
Society for Behavioral Neuroendocrinology
International Brain Research Organization
International Behavioral Neuroscience Society
Boston Area Neuroscience Group