

CURRICULUM VITAE – Anthony C. Santucci, Ph.D.

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EDUCATION

1981 BA, *Iona College* (Psychology Major; Biology Minor; *Cum Laude* Latin Honors)

1984 MA, *Kent State University* (Experimental Psychology - Biopsychology)

1987 Ph.D., *Kent State University* (Experimental Psychology - Biopsychology)

POSTDOCTORAL FELLOWSHIP

1986-'90 Psychiatry Service, *Bronx VAMC* and Dept. of Psychiatry, *Mount Sinai School of Medicine* (NY)

1988-'90 Prosector, *Alzheimer's Disease Research Center's Brain Bank*, *Mount Sinai School of Medicine* (NY)

HONORS

1980 Cornelian Honor Society, *Iona College*

1981-'86 Graduate Assistantship in Psychology, *Kent State University*

1984 Graduate Student Achievement Award for Teaching, *Kent State University*

1986 Graduate Student Achievement Award for Research, *Kent State University*

1993 Alumni Distinguished Faculty Award, *Manhattanville College*

1994 Elected into *Marquis Who's Who in Science and Engineering*

1995 Elected into *Marquis Who's Who in American Education*

2002 Elected Fellow of the *Faculty for Undergraduate Neuroscience*

2007 Elected into *Marquis Who's Who Among America's Teachers*

2012 Elected into *Sutton's Who's Who in Academia*

FULL-TIME ACADEMIC APPOINTMENTS (Department of Psychology, Manhattanville College)

1990-'95 Assistant Professor

1995-'98 Associate Professor

1998-present Full Professor

1999-'01; '06-'07 Chairperson

2013-2014 Director, Sport Studies Program

ADJUNCT ACADEMIC APPOINTMENTS

1988-present Department of Psychiatry, *Ichan School of Medicine at Mount Sinai*, New York, NY

1988 Department of Psychology, *Iona College*, New Rochelle, NY

1988-'89 Department of Psychology, *Western Connecticut State University*, Danbury, CT

1989-'90 Department of Psychology, *Manhattanville College*

1995-'99 Department of Psychology, *Western Connecticut State University*, Danbury, CT

1998 Department of Psychology, *SUNY at Purchase*, Purchase, NY

2010-present Department of Psychology, *Western Connecticut State University*, Danbury, CT

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Psychological Society (*Charter Member*)

Eastern Psychological Association

Faculty for Undergraduate Neuroscience (*Fellow*)

Society for Neuroscience

SCHOLARLY PUBLICATIONS & CONFERENCE ABSTRACTS

Book Chapters & Proceedings:

1. Santucci, A.C., Haroutunian, V., Tsuboyama, G., Kanof, P.D., & Davis, K.L. (1989). Therapeutics of Alzheimer's disease for clinical and pre-clinical issues. In K. Iqbal, H.M. Wisniewski, & B. Winblad (Eds.), *Alzheimer's disease and related disorders* (pp. 1111-1120). New York: Alan R. Liss, Inc.
2. Santucci, A.C., Haroutunian, V., & Davis, K.L. (1989). Cholinesterase inhibitors for the treatment of Alzheimer's disease: Preclinical and clinical data. In H. Kewitz, T. Thomsen, & U. Bickel (Eds.), *Pharmacological interventions on central cholinergic mechanisms in senile dementia (Alzheimer's disease)* (pp. 82-88). Munchen: W. Zuckschwerdt Verlag.
3. Haroutunian, V., Santucci, A.C., & Davis, K.L. (1990). Implications of multiple transmitter system lesions for cholinomimetic therapy in Alzheimer's disease. In S.M. Aquilonius & P.-G. Gillberg (Eds.), *Progress in brain research, vol. 84* (pp. 333-346). Amsterdam: Elsevier Science Publishers.
4. Santucci, A.C., Haroutunian, Brierer, L.M., & Davis, K.L. (1991). Approaches to the treatment of Alzheimer's disease. In R. Lister & H. Weingartner (Eds.), *Perspectives on Cognitive Neuroscience* (pp. 467-483). Oxford: Oxford University Press.
5. Haroutunian, V., Santucci, A.C., & Davis, K.L. (1991). Comparative effects of quisqualic acid and NMDA as neurotoxins for lesions of the nucleus basalis of Meynert in rats. *Biological Psychiatry, 29* (suppl. 1), 50.
6. Haroutunian, V., Santucci, A.C., & Davis, K.L. (1992). Neurotransmitter interactions and responsivity to cholinomimetic agents. In E.D. Levin, M.W. Decker, and L.L. Butcher (Eds.), *Neurotransmitter interactions and cognitive function* (pp. 118-143). Boston: Birkhauser.
7. Haroutunian, V., Wallace, W., Santucci, A.C., & Davis, K.L. (1995). Animal models of neurotransmitter interactions in Alzheimer's disease. In J.L. McGaugh (Ed.), *Proceedings of the Fifth Conference on the Neurobiology of Learning and Memory* (pp. 127-151). New York: Berkhauser.
8. Haroutunian V. & Santucci, A.C. (1999). Pharmacological animal models of dementia. In Dennis S. Charney, Eric J. Nestler, and Benjamin S. Bunney (Eds). *Neurobiology of mental illness* (pp. 669-678). New York: Oxford University Press.
9. Lilliehook, C., Bozdagi, O., Huntley, G.W., Haroutunian, V., Buxbaum, J.D., Zaidi, N.F., Choi, E.-K., Miller, J., Wasco, W., Santucci, A.C., Gomez-Ramirez, M., Yao, J., & Gandy, S. (2002). The presenilin-binding protein calsenilin is involved in plasticity. *Neurobiology of Aging, 23* (suppl.), S192.
10. Santucci, A.C. (2003). Data description. In N.A. Piotrowski (Ed.), *Magill's Encyclopedia of Social Science: Psychology* (pp. 469-474). Pasadena, CA: Salem Press.
11. Santucci, A.C. (2003). Scientific methods. In N.A. Piotrowski (Ed.), *Magill's Encyclopedia of Social Science: Psychology* (pp. 1374-1381). Pasadena, CA: Salem Press.
12. Santucci, A.C. & Haroutunian V (2004). Pharmacological and Transgenic Animal Models of Alzheimer's Disease. In Dennis S. Charney and Eric J. Nestler (Eds). *Neurobiology of mental illness, 2nd ed.* (pp. 791-806). New York: Oxford University Press.

Original Peer-Reviewed Reports (names of student co-authors are bolded):

1. Simansky, K.J., Jerome, C., Santucci, A., & Smith, G.P. (1982). Chronic hypodipsia to intraperitoneal and subcutaneous hypertonic saline after vagotomy. *Physiology & Behavior*, 28, 367-370.
2. Santucci, A.C., & Treichler, F.R. (1985). Effect of posterior cortical lesion on two versions of the brightness discrimination task. *Physiological Psychology*, 13, 86-91.
3. Santucci, A.C., & Riccio, D.C. (1986). Hypothermia-induced anterograde amnesia and its reversal in rats trained on a T-maze discrimination task. *Physiology & Behavior*, 36, 1065-1069.
4. Santucci, A.C., Treichler, F.R., & Ahlers, S.T. (1986). Effects of ethanol exposure on brightness discrimination after posterior decortication. *Physiological Psychology*, 14, 90-95.
5. Santucci, A.C., Kasenow, P.M., Riccio, D.C., & Richardson, R. (1987). Hypothermia-induced anterograde amnesia: Is memory loss attributable to impaired acquisition? *Behavioral and Neural Biology*, 48, 13-23.
6. Santucci, A.C., & Haroutunian, V. (1989). Nucleus basalis lesions impair memory in rats trained on nonspatial and spatial discrimination tasks. *Physiology & Behavior*, 45, 1025-1031.
7. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1989). Effect of physostigmine on memory consolidation and retrieval processes in intact and nucleus basalis lesioned rats. *Psychopharmacology*, 99, 70-74.
8. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1989). Infusion of NMDA into the nucleus basalis of Meynert, frontal cortex or lateral ventricle in rats: Effect on memory and cholinergic brain neurochemistry. *Pharmacology, Biochemistry & Behavior*, 33, 485-488.
9. Santucci, A.C., Riccio, D.C., & Treichler, F.R. (1989). Role of ACTH in recovery from retrograde amnesia induced by hypothermia in rats. *Behavioral Neuroscience*, 103, 1267-1275.
10. Santucci, A.C., **Schroeder, H.**, & Riccio, D.C. (1990). Homeostatic disruption and memory: Effect of insulin administration in rats. *Behavioral and Neural Biology*, 53, 321-333.
11. Santucci, A.C., & Treichler, F.R. (1990). Concurrent object discrimination learning in rats. *Animal Learning and Behavior*, 18, 295-301.
12. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1990). Serotonergic modulation of cholinergic systems involved in learning and memory in rats. *Dementia*, 1, 151-155.
13. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1991). Fetal transplant-induced restoration of spatial memory in rats with lesions of the nucleus basalis of Meynert. *Journal of Neural Transplantation and Plasticity*, 2, 65-74.
14. Wallace, W., Bragin, V., Robakis, N.K., Sambamurti, K., Vanderputter, D., Merrill, C., Davis, K.L., Santucci, A.C., & Haroutunian, V. (1991). Increased biosynthesis of Alzheimer amyloid precursor protein in the cerebral cortex of rats with lesions of the nucleus basalis of Meynert. *Molecular Brain Research*, 10, 173-178.
15. Halper, J.P., Miller, A.H., Trestman, R.L., Santucci, A.C., Lackner, C., & Stein, M. (1991). Biochemical mechanisms of stress-induced impairment of rat T-cell mitogenesis. *Journal of Neuroimmunology*, 32, 241-247.
16. Santucci, A.C., Haroutunian, V., & Davis, K.L. (1991). Pharmacological alleviation of combined cholinergic/noradrenergic lesion-induced memory deficits in rats. *Clinical Neuropharmacology*, 14 (Suppl. 1), S1-S8.
17. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1993). Cholinergic marker deficits induced by lesions of the nucleus basalis of Meynert are attenuated by nerve growth factor in young, but not in aged, F344 rats. *Brain Research*, 609, 327-332.
18. Santucci, A.C., Gluck, R., Kanof, P.D., & Haroutunian, V. (1993). Induction of memory and cortical cholinergic neurochemical recovery with combine fetal transplantation and GM1 treatments in rats with lesions of the NBM. *Dementia*, 4, 273-281.

19. Santucci, A.C., & Spincola, L.J. (1994). MK-801 attenuates residual hyperactivity induced by neonatal L-cysteine administration in rats. *Developmental Brain Dysfunction*, 7, 230-236.
20. Santucci, A.C. (1995). An affordable computer-aided method for conducting Morris water maze testing. *Behavior Research Methods, Instruments, & Computers*, 27, 60-64.
21. Santucci, A.C., Moody, E., & Demetriades, J. (1995). Effects of scopolamine on spatial working memory in rats pretreated with the serotonergic depletor p-chloroamphetamine. *Neurobiology of Learning and Memory*, 63, 286-290.
22. Santucci, A.C., Knott, P.J., & Haroutunian, V. (1995). 5,7 DHT-induced lesions of the nucleus basalis or frontal cortex do not block passive avoidance retention impairments produced by p-chloroamphetamine in rats. *Psychobiology*, 23, 139-143.
23. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1995). Transient enhancement of cholinergic neurochemical markers induced by NGF in aged F344 rats. *Dementia*, 6, 179-184.
24. Santucci, A.C., Knott, P.J., & Haroutunian, V. (1996). Excessive serotonergic release, not depletion, leads to memory impairments in rats. *European Journal of Pharmacology*, 295, 7-17.
25. Santucci, A.C. & Perez, S. (2002). Multiple injections of thyrotropin releasing hormone fail to reverse learning and memory deficits in rats with lesions of the nucleus basalis of meynert. *Behavioural Brain Research*, 136, 433-438.
26. Santucci, A.C. & Shaw, C. (2003). Peripheral 8-OH-DPAT and scopolamine infused into the frontal cortex produce passive avoidance retention impairments in rats. *Neurobiology of Learning and Memory*, 79, 136-141.
27. Santucci, A.C. & Haroutunian, V. (2003). NGF-induced enhanced acquisition of a spatial learning task in young and old F344 rats is time dependent. *Journal of Behavioral and Neuroscience Research*, 1, 1-7.
28. Lilliehook, C., Bozdagi, O., Yao, Y., Gomez-Ramirez, M., Zaidi, N., Wasco, W., Gandy, S., Santucci, A.C., Haroutunian, V., Huntley, G.W., & Buxbaum, J.D. (2003). Calsenilin/DREAM/KchIP3 regulates A β formation and long-term potentiation. *The Journal of Neuroscience*, 23, 9097-9106.
29. Santucci, A.C. & Cardiello, J. (2004). Memory reactivation in rats treated with the 5-HT_{1A} agonist 8-OH-DPAT: A case of gone, but not forgotten. *Behavioral Neuroscience*, 118, 248-252.
30. Santucci, A.C. & Haroutunian, V. (2004). p-Chloroamphetamine blocks physostigmine-induced memory enhancement in rats with unilateral nucleus basalis lesions. *Pharmacology, Biochemistry & Behavior*, 77, 59-67.
31. Santucci, A.C., Mercado, M., Bettica, A., Cortes, C., York, D., & Moody, E. (2004). Residual behavioral and neuroanatomical effects of short-term chronic ethanol consumption in rats. *Cognitive Brain Research*, 20, 449-461.
32. Santucci, A.C., Capodilupo, S., Bernstein, J., Gomez-Ramirez, M., & Mitchell, H. (2004). Cocaine in adolescent rats produces residual memory impairments that are reversible with time. *Neurotoxicology & Teratology*, 26, 651-661.
33. Killam, C., Cautin, R.L., & Santucci, A.C. (2005). Assessing the enduring residual neuropsychological effects of head trauma in college athletes who participate in contact sports. *Archives of Clinical Neuropsychology*, 20, 599-611.
34. Shu, W., Cho, J.Y., Jiang, Y., Zhang, M., Weisz, D., Elder, G.A., Schmeidler, J., De Gasperi, R., Sosa, M.A., Rabidou, D., Santucci, A.C., Perl, D., Morrisey, E., & Buxbaum, J.D. (2005). Altered ultrasonic vocalization in mice with a disruption in the Foxp2 gene. *Proceedings of the National Academy of Sciences, USA*, 102, 9643-9648.
35. Santucci, A.C., Cortes, C., Bettica, A., & Cortes, F. (2008). Chronic Ethanol Consumption in Rats Produces Residual Increases in Anxiety 4 Months After Withdrawal. *Behavioural Brain Research*, 188, 24-31.

36. Santucci, A.C. (2008). Adolescent Cocaine Residually Impairs Working Memory and Enhances Fear Memory in Rats. *Experimental and Clinical Psychopharmacology*, 16, 77-85.
37. Santucci, A.C., **Hernandez, L.**, & **Caba, J.** (2008). Wheel-running behavior is altered following withdrawal from repeated cocaine in adult rats. *Behavioral Neuroscience*, 122, 466-470.
38. Santucci, A.C. & **Madeira, E.** (2008). Anxiogenesis in adult rats treated chronically with cocaine during adolescence: Effects of extended abstinence and 8-OH-DPAT treatment. *Brain Research Bulletin*, 76, 402-411.
39. Santucci, A.C. & **Rosario, A.** (2010). Anxiety-like responses in adolescent rats following a 10-11 day withdrawal period from repeated cocaine administration. *Brain Research Bulletin*, 81, 441-444.
40. Santucci, A.C. & **Rabidou, D.** (2011). Residual performance impairments in adult rats trained on an object discrimination task subsequent to cocaine administration during adolescence. *Addiction Biology*, 16, 30-42.

Conference Abstracts (names of student co-authors are bolded):

1. Santucci, A.C. (1981, April). The effect of vagotomy on drinking in response to hypertonic saline and angiotensin II in the rat. Paper presented at the meeting of the Eastern Colleges Sciences Conference, Jersey City, NJ.
2. Jerome, C., Simansky, K.J., Santucci, A.C., & Smith, G.P. (1981, April). Effect of selective abdominal vagotomies on drinking in response to angiotensin, water deprivation and food ingestion. Paper presented at the meeting of the Eastern Psychological Assoc., New York.
3. Santucci, A.C., & Treichler, F.R. (1984, May). The effect of a posterior cortical lesion on two versions of the brightness discrimination task. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.
4. Santucci, A.C., **Gazdik, D.**, & Riccio, D.C. (1985, May). Hypothermia-induced anterograde amnesia and its reversal in rats trained on a T-maze discrimination task. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.
5. Santucci, A.C., Treichler, F.R., **Agnone, J.**, & **Perrone, T.** (1985, May). Ethanol impairs relearning of the brightness discrimination task after posterior decortication. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.
6. **Bickerstaff, B.**, Santucci, A.C., & Riccio, D.C. (1986, May). Does recovery from retrograde amnesia also recovery information about contextual stimuli? Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.
7. Santucci, A.C., **Schroeder, H.**, **Reister, R.**, Riccio, D.C. (1986, May). Insulin-induced state dependent retention in rats. Paper presented at the Midwestern Psychological Assoc., Chicago.
8. Santucci, A.C., **Balough, V.**, **Perrone, T.**, & Treichler, F.R. (1986, May). Concurrent object discrimination learning in rats. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.
9. Santucci, A.C., **Schroeder, H.**, Riccio, D.C. (1987, April). Suppression of ACTH release blocks memory recovery from hypothermia-induced retrograde amnesia in rats. Paper presented at the meeting of the Eastern Psychological Assoc., Arlington, VA.
10. Santucci, A.C., **Andre, H.**, & Riccio, D.C. (1987, May). Postacquisition administration of atropine sulfate disrupts memory for a T-maze choice task in rats. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.
11. Kasenow, P.M., Santucci, A.C., & Treichler, F.R. (1987, May). Memory after posterior decortication in rats: Retrieving elements of a compound. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.
12. Kasenow, P.M., Santucci, A.C., Riccio, D.C., & Richardson, R. (1987, May). Hypothermia-

induced anterograde amnesia: Is memory loss attributable to impaired acquisition? Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.

13. Santucci, A.C., Haroutunian, V., & Davis, K.L. (1987, Nov.). Appetitively-motivated brightness and spatial discrimination learning are impaired following lesions of the N. basalis in rats. Poster presented at the meeting of the Society for Neuroscience, New Orleans.

14. Santucci, A.C., Haroutunian, V., & Davis, K.L. (1988, April). Memory enhancement induced by physostigmine in rats. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.

15. Santucci, A.C., **Binder, D.**, & Riccio, D.C. (1988, April). Duration of postacquisition information processing in rats is not related to training footshock intensity. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.

16. Haroutunian, V., Santucci, A.C., Gluck, R., & Davis, K.L. (1988, Nov.). Effects of chronic GM1 administration on transplant reversal of memory impairments in NBM lesioned rats. Poster presented at the meeting of the Society for Neuroscience, Toronto.

17. Santucci, A.C., Haroutunian, V., Gluck, R., & Davis, K.L. (1988, Nov.). An examination of the ability of cortical transplants to reverse memory impairments produced by lesions of the nucleus basalis in rats. Poster presented at the meeting of the Society for Neuroscience, Toronto.

18. Haroutunian, V., Santucci, A.C., Kanof, P.D., & Davis, K.L. (1988, Dec.). Attenuation of lesion-induced forebrain cholinergic deficits by nerve growth factor and GM1. Paper presented at the meeting of the American College of Neuropsychopharmacology, San Juan.

19. Santucci, A.C., Haroutunian, V., Bangston, J., Gluck, R., & Davis, K.L. (1989, May). Cortical transplant-induced reversal of spatial memory impairments produced by lesions of the nucleus basalis of Meynert in rats. Paper presented at the meeting of the Midwestern Psychological Assoc., Chicago.

20. Halper, J.P., Miller, A.H., Lackner, C., Trestman, B., Berkenbosh, F., Santucci, A.C., Haroutunian, V., & Stein, M. (1989, Oct.). Effect of brief stressors on lymphocyte function in rats: Mechanistic implications. Poster presented at the meeting of the Society for Neuroscience, Phoenix.

21. Santucci, A.C., Haroutunian, V., Knott, P.J., Kanof, P.D., & Davis, K.L. (1989, Oct.). p-Chloroamphetamine blocks the memory enhancing effect of physostigmine in rats with N. Basalis of Meynert lesions. Poster presented at the meeting of the Society for Neuroscience, Phoenix.

22. Haroutunian, V., Santucci, A.C., & Davis, K.L. (1989, Dec.). Animal models of multiple neurotransmitter dysfunction in Alzheimer's disease: Cholinergic/noradrenergic, cholinergic/serotonergic, cholinergic/somatostatinergic interactions. Poster presented at the meeting of the American College of Neuropsychopharmacology, Hawaii.

23. Santucci, A.C., Bangston, J., Gluck, R., & Haroutunian, V. (1990, March). p-Chloroamphetamine, a serotonergic releasing agent, affects acquisition and retrieval processes in rats. Poster presented at the meeting of the Eastern Psychological Assoc., Philadelphia.

24. Santucci, A.C., Gluck, R., Bangston, J., **Gerard, M.**, & Haroutunian, V. (1990, Nov.). p-Chloroamphetamine's memory impairing effects in rats are due to serotonergic release not depletion. Poster presented at the meeting of the Society for Neuroscience, St. Louis.

25. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1991, April). Nerve growth factor in aged F344 rats: Effects on spatial memory and cholinergic neurochemistry. Poster presented at the meeting of the Eastern Psychological Assoc., New York.

26. Haroutunian, V., Santucci, A.C., & Davis, K.L. (1991, May). Comparative effects of quisqualic acid and NMDA as neurotoxins for lesions of the nucleus basalis of Meynert in rats. Paper presented at the meeting of the Society of Biological Psychiatry, New Orleans.

27. Bettica, A., Behr, M.A., & Santucci, A.C. (1991, Nov.). Undergraduate participation in the development of a science competition: An integrative method to promote scientific awareness. Poster presented at the meeting of the Society for Neuroscience, New Orleans.

28. Shea, P.A., Ahlers, S.T., & Santucci, A.C. (1991, Nov.). Infusion of fenfluramine into the

hippocampus of rats decreases potassium stimulated release of extracellular acetylcholine as measured by *in vivo* microdialysis. Poster presented at the meeting of the Society for Neuroscience, New Orleans.

29. Santucci, A.C., Kanof, P.D., & Haroutunian, V. (1991, Nov.). NGF attenuates NBM lesion-induced cholinergic neurochemical marker deficits in young, but not in aged, F344 rats. Poster presented at the meeting of the Society for Neuroscience, New Orleans.

30. Haroutunian, V., Wallace, W., Santucci, A.C., & Davis, K.L. (1992, Oct). Animal models of multiple neurotransmitter interactions in Alzheimer's disease. Paper presented at the meeting of the Neurobiology of Learning and Memory, Irvine, CA.

31. Santucci, A.C., & Spincola, L.J. (1993, April). Residual motor and memory deficits induced by l-cysteine in neonatal rat pups. Poster presented at the meeting of the Eastern Psychological Assoc., Arlington, VA.

32. Santucci, A.C., Cortes, C., Bettica, A., Mercado, M., & Moody, E. (1993, April). Residual effects of chronic (26 days) ethanol on spatial memory and cortical thickness in rats. Poster presented at the meeting of the Eastern Psychological Assoc., Arlington, VA.

33. Santucci, A.C., Moody, E., & Demetriades, J. (1993, Nov.). Effects of scopolamine on memory in rats pretreated with the serotonergic depletor PCA. Poster presented at the meeting of the Society for Neuroscience, Washington, D.C.

34. Williams, J., Tyler, L., Spincola, L.J., & Santucci, A.C. (1994, April). An examination of the neuroprotective effects of MK-801 in rat pups treated with l-cysteine. Poster presented at the meeting of the Eastern Psychological Assoc., Providence, RI.

35. Carriero, C. & Santucci, A.C. (1995, April). Influence of caffeine on activity in male and female rats: Dose effects. Poster presented at the meeting of the Eastern Psychological Assoc., Boston, MA.

36. Santucci, A.C. & Newcomb, J. (1995, April). Failure to find a cholinergic/NMDA interaction with regard to learning and memory. Poster presented at the meeting of the Eastern Psychological Assoc., Boston, MA.

37. Santucci, A.C. & Perez, S. (1996, March). Acute injections of thyrotropin releasing hormone fail to reverse working memory deficits in rats with cholinergic lesions of the nucleus basalis of Meynert. Poster presented at the meeting of the Eastern Psychological Assoc., Philadelphia, PA.

38. Murphy, M.K., Bettino, P.M., & Santucci, A.C. (1996, Nov.). Effects of clozapine in SHR and WKY rat pups challenged with amphetamine: stereotypy, catalepsy, and activity data. Poster presented at the meeting of the Society for Neuroscience, Washington, DC.

39. Schreer, G.E. & Santucci, A.C. (2001, Jan.). Answer-changing on objective tests: It pays to switch even when covert changes are assessed. Poster presented at the 23rd Annual National Institute on the Teaching of Psychology Conference, St. Petersburg Beach, FL.

40. Santucci, A.C., Capodilupo, S., Bernstein, J., Gomez-Ramirez, M., Milefsky, R., & Mitchell, H. (2002, March). Long-term residual consequences of cocaine in adolescent rats: Effects on memory and life-span. Poster presented at the meeting of the Eastern Psychological Assoc., Boston, MA.

41. Lilliehook, C., Zaidi, N.F., Choi, E.-K., Miller, J., Bozdagi, O., Huntley, G.W., Haroutunian, V., Santucci, A.C., Gomez-Ramirez, M., Yao, J., Gandy, S, Wasco, W., & Buxbaum, J.D. (2002, July). The presenilin-binding protein calsenilin is involved in plasticity. Poster presented at The 8th International Conference on Alzheimer's Disease and Related Disorders, Stockholm, Sweden.

42. Santucci, A.C., Hernandez, L., & Caba, J. (2004, April). Residual changes in activity levels in rats chronically treated with cocaine. Poster presented at the meeting of the Eastern Psychological Assoc., Washington, D.C.

43. Santucci, A.C., Rabidou, D., & Rosario, A. (2005, March). Residual behavioral effects in adolescent rats treated chronically with cocaine. Poster presented at the meeting of the Eastern Psychological Assoc., Boston, MA.

44. Santucci, A.C., Killam, C., & Cautin, R.L. (2005, March). Assessing the enduring residual

neuropsychological effects of head trauma in college athletes who participate in contact sports. Poster presented at the meeting of the Eastern Psychological Assoc., Boston, MA.

45. Santucci, A.C., Rabidou, D., & Rosario, A. (2005, Nov.). Residual learning deficit and angiogenesis in rats treated chronically with cocaine during adolescence. Poster presented at the meeting of the Society for Neuroscience, Washington, DC.

46. Shu, W., Cho, J.Y., Jiang, Y., Zhang, M., Weisz, D., Elder, G.A., Schmeidler, J., De Gasperi, R., Sosa, M.A., **Rabidou, D., Santucci, A.C.,** Perl, D., Morrissey, E., & Buxbaum, J.D. (2005). Altered social communication in mice with disruption in the Foxp2 gene. Paper presented at the XIII World Congress on Psychiatric Genetics.

47. Santucci, A.C., Smith, E., & Majdak, P. (2006, Oct.). Residual effects of methylphenidate exposure during adolescence prevents amphetamine, but not cocaine, from inducing hyperactivity in rats. Poster presented at the meeting of the Society for Neuroscience, Atlanta, GA.

48. Santucci, A.C., Temesy, J., & Trimble, A. (2008, Nov.). Impairments in attention in participants of collegiate contact sports. Poster presented at the meeting of the Society for Neuroscience conference, Washington, D.C.

49. Santucci, A.C., Galvin, K., Stavropoulos, C., & Rojas, M. (2010, Nov.). Differential residual effects of cocaine on anxiety in high-fear and low-fear adolescent rats during withdrawal. Poster presented at the meeting of the Society for Neuroscience conference, San Diego, CA.

PROFESSIONAL ACTIVITIES

Research Experience

- 1980-'81 Undergraduate Research Assistant, Dr. T. Smith, *Iona College*, New Rochelle, NY
1980-'81 Undergraduate Research Assistant, Drs. K.J. Simansky & G.P. Smith *New York Hospital-Cornell Medical Center*, White Plains, NY
1981-'86 Graduate Research Assistant, Drs. F.R. Treichler & D.C. Riccio, *Kent State University* Kent, OH
1986-'90 Postdoctoral Research Fellow, Dr. V. Haroutunian, *Bronx VAMC*, Bronx, NY
1990-present Biopsychology Laboratory, *Manhattanville College*, Purchase, NY
2001-2003 Collaboration with Drs. Buxbaum & Haroutunian, *Mt. Sinai School of Medicine (NY)*
Investigated the behavioral characteristics of calsenilin knockout mice
2003-2004 Collaboration with Drs. Buxbaum & Haroutunian, *Mt. Sinai School of Medicine (NY)*
Investigated the behavioral characteristics of FOXP2 transgenic mice

Grants Writing Workshop

July, 2011 Council on Undergraduate Research's Proposal Writing Institute, *Vassar College*, Poughkeepsie, NY

Funded Grants & Awards

AGENCY: *American Federation for Aging Research*
DATE: August, 1988 - July, 1989
TITLE: "An Examination of NGF's Efficacy in Aged Rats"
TDC: \$22,800

AGENCY: *Mount Sinai School of Medicine (NY) Seed Grant*
DATE: April, 1989 - March, 1990
TITLE: "An Animal Model of Cortical Degeneration in Alzheimer's Disease"
TDC: \$10,000

AGENCY: *Synaptec, Inc.*
DATE: December, 1990
TITLE: "Effect of Galanthamine on Memory in an Animal Model of Alzheimer's Disease"
TDC: \$3,138

AGENCY: *Manhattanville College's Junior Faculty Grant*
DATE: June, 1991 - August, 1991
TITLE: "Support for Manuscript Writing"
TDC: \$3000

AGENCY: *Manhattanville College's Instructional Technology Grant*
DATE: October, 2004
TITLE: "Computer-Aided Investigation of Electrophysiological Data Collected at High Sampling Rates: Lessons in Data Acquisition, Management, and Analysis"
TDC: \$4,000

AGENCY: *Manhattanville College's Innovation Project Grant*
DATE: January, 2005
TITLE: "Serotonergic Modulation of Cocaine-induced Alterations of Anxiety in Adolescent Rats"
TDC: \$4,000

AGENCY: *Manhattanville College's President's Summer Research Award*
DATE: Summer 2010
TITLE: "Secondary Data Analysis of Results Collected on Concussed Collegiate Athletes"
TDC: \$3000

NIH-Funded Grant Collaborations

RESEARCHERS: Drs. Joseph Buxbaum & Vahram Haroutunian (*Mt. Sinai School of Medicine, NY*)
DATE: Sept. 2002 - Dec. 2002
TITLE: "Behavioral Characterization of Calsenilin Knock-Out Mice: Implications for Alzheimer's Disease"
TDC: \$3800

RESEARCHERS: Drs. Joseph Buxbaum & Vahram Haroutunian (*Mt. Sinai School of Medicine, NY*)
DATE: May 2004 - June 2004
TITLE: "Assessment of Learning, Memory, and Motor Performance in Transgenic Mice Heterozygous for the FOXP2 Gene: Implications for Autism"
TDC: \$2772

RESEARCHERS: Drs. Joseph Buxbaum & Vahram Haroutunian (*Mt. Sinai School of Medicine, NY*)
DATE: Oct. 2004 - Nov. 2004
TITLE: "Effect of an Amphetamine Challenge on Motor Performance in Calsenilin Knockout Mice"
TDC: \$1229

Unfunded Grant Submissions

AGENCY: NIH, National Institute of Neurological Disorders and Stroke
DATE: Sept., 2009
TITLE: "Using the Manhattanville Assessment for the Proficiency of Spatiality (MAPS)
Computerized Test to Evaluate Neuropsychological Impairments in Collegiate Athletes"
TDC: \$250,000 (3 years)

AGENCY: NIH, National Institute on Drug Abuse
DATE: Feb., 2010
TITLE: "Do Endogenous Fear States Modulate Increases in Anxiety-Like Behaviors Following
Withdrawal from Cocaine Exposure during Adolescence in Rats?"
TDC: \$250,000

Ad Hoc Journal and Text Book Reviewer

Journals

Archives of Clinical Neuropsychology; Behavior Research Methods, Instruments, & Computers; Brain and Cognition; Brain Research; Developmental Brain Research; Experimental & Clinical Psychopharmacology; International Journal of Developmental Neuroscience; Journal of Neuroscience Methods; Journal of Clinical and Experimental Neuropsychology; Medicine & Science in Sports & Exercise; Neuropsychopharmacology; Neuroscience & Biobehavioral Reviews; Neuroscience Letters; Pharmacology, Biochemistry, & Behavior; Physiology & Behavior; Psychopharmacology

Text Books Companies

Brooks/Cole Publishing; Houghton Mifflin Company; John Wiley & Sons; Oxford University Press; Worth Publishers

Committee Work (Manhattanville College)

1990-present Institutional Animal Care & Use Committee (Chairperson, '90-present)
1991-'96 Faculty Library Committee (Chairperson, '92-'96)
1992-'95 Faculty Steering Committee, Non-tenured Representative
1996-'00 Faculty Admissions Committee (Chairperson, '98-'00)
2001-'04 Faculty Status (Tenure & Promotion) Committee (Chairperson, '03-'04)
2004-'07 Faculty Budget Committee
2006-'07 Facilities Subcommittee of Academic Policy Committee
2008-'09 Faculty By-Laws Revision Committee (Co-Chairperson)
2008-'09 & Laboratory Safety Committee
2012-present
2008-present Faculty Review Committee
1998-'03; Pre-Health (Pre-Medical) Professional Health Advisory Committee (Chairperson, 2012-present)
& 2008-present
2009-2011 Authorized Organizational Representative (AOR),
2009-2011 Administrator, Central Contractor Registration [www.bpn.gov/ccr]
2009-2011 Administrative Official, Electronic Research Administration [commons.era.nih.gov/commons]
2009-2011 Contact Person/Sponsored Research Officer, NSF FastLane [fastlane.nsf.gov/fastlane.jsp]
2010 Planning, Resource Allocation, and Institutional Renewal & Institutional Assessment Practices, Middle States Commission on Higher Education's Institutional Self-Study Committee
2010-present Council on Undergraduate Research (CUR), Institutional Representative
2010-2011 Foundations of Excellence Organization/Improvement Dimensions Task Force (Co-Chairperson)
2012-2-13 Social Science/Natural Science Task Force for Development of New Academic Programs (Chairperson)

Courses Taught (in alphabetical order)

Biological Bases of Mental Illness (Manhattanville College)
Biopsychology Seminar: Drug Addiction (Manhattanville College)
Brain Injury in Sports: A Freshman Year Seminar (Manhattanville College)
Computer Applications in Psychology (Manhattanville College)
Drug Use and Abuse (Manhattanville College; SUNY at Purchase)
Experimental Psychology I (Manhattanville College)
Experimental Psychology II (Manhattanville College)
Fundamentals of Psychology (Manhattanville College)
Introduction to Psychology (Iona College; Kent State University; Western Connecticut State University)
Learning and Memory (Manhattanville College)
Learning and Memory Lab (Kent State University)
Methods in the Biopsychology Laboratory (Manhattanville College)
Neuroanatomy & Neurophysiology & Lab (Manhattanville College)
Physiological Bases of Behavior & Lab (Manhattanville College)
Physiological Psychology (Western Connecticut State University)
Principles of Psychological Research (Western Connecticut State University)
Psychopharmacology (Manhattanville College)
Research Methods in Psychology (Manhattanville College)
Sensation and Perception Lab (Manhattanville College)
Psychological Statistics (Western Connecticut State University)
Statistics (Kent State University)
Statistics for the Social Sciences (Manhattanville College)
Statistics for the Social Sciences II (Manhattanville College)

Colloquia

TITLE: “Effect of NGF on Recovery from Nucleus Basalis of Meynert Lesions in Rats: Behavioral and Neurochemical Data”

DATE: November, 1988

VENUE: *American Federation for Aging Research's Board of Director's Annual Meeting*, New York, NY

TITLE: “Animal Models of Alzheimer's Disease”

DATE: May, 1991

VENUE: *Central Connecticut State University*, New Britain, CT

DATE: October, 1993

VENUE: *American Cynamid Pharmaceutical Company*, Pearl River, NY

DATE: August, 1994

VENUE: *New York Hospital-Cornell Medical Center (Westchester Div.)*, White Plains, NY

TITLE: “Neuropsychological Effect of Head Trauma in College Athletes”

DATE: November, 2005

VENUE: *Central Connecticut State University*

DATE: April, 2009

VENUE: *Marist College*

DATE: April, 2010

VENUE: *Manhattanville College*

Symposia

TITLE: "Therapeutics of Alzheimer's Disease for Clinical and Preclinical Issues"

DATE: September, 1998

VENUE: *First International Conference on Alzheimer's Disease and Related Disorders*, Las Vegas, NV

TITLE: "Teaching with Technology" (panel member)

DATE: April, 2005

VENUE: *Manhattanville College*

Program Evaluation and Regional Accreditation Services

Nov. 2007 Member, external evaluation team visit, Psychology Department, Marist College, Poughkeepsie, NY

Oct. 2011 *Middle States Commission on Higher Education's* Workshop for Team Chairs and Evaluators, Philadelphia, PA

April 2012 Member, *Middle States Commission on Higher Education* re-accreditation evaluation team visit to Robert Morris University, Moon Township, PA

Feb. 2013 Member, *Middle States Commission on Higher Education* re-accreditation evaluation team visit to Chestnut Hill College Philadelphia, PA