

CURRICULUM VITAE

Wendy A. Suzuki, Ph.D.

Education

- 1987 B.A. in Physiology/Anatomy, University of California, Berkeley
Senior Thesis Advisor: Dr. Marion C. Diamond
- 1993 Ph.D. in Neuroscience, University of California, San Diego
Doctoral Thesis Advisors: Dr. David G. Amaral and Dr. Stuart Zola
- 1993-1997 Post-Doctoral Fellow, Laboratory of Neuropsychology
National Institute of Mental Health
Sponsor: Dr. Robert Desimone

Academic Positions

- 1998-2003 Assistant Professor of Neural Science
Center for Neural Science
New York University
- 2004-August 2010 Associative Professor of Neural Science and Psychology
Center for Neural Science
New York University
- 2010- Present Professor of Neural Science and Psychology
Center for Neural Science
New York University
- Fall, 2022 Dean of the College of Arts and Science
New York University

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Administrative Leadership

Here I highlight the most relevant administrative leadership positions I have held relevant to my application to the position of Dean of the College of Arts and Sciences at New York University.

- 9/15/21-9/15/24 **Faculty Co-Chair of the upcoming NYU self-study for Middle States accreditation.** Together with my Co-Chair, Vice Provost Diana Arpino, we will oversee and execute all aspects of the self-study process and deliverable to Middle States, culminating in the reaffirmation of accreditation by Middle States in 2024.
- 2013- 2017
& 2018 to Present **Director of Undergraduate Studies, Center for Neural Science.** In this role, I've focused on 2 themes: Enhancing the lab research experience for our undergraduates and enhancing cohesion and a spirit of belonging to our major. A major ongoing program I developed is the Research Match program where I match undergraduates interested in getting neuroscience lab experiences with NYU Neuroscience labs seeking undergraduate volunteers.
- 2019- Present **Member of the Executive Committee for the Center for Neural Science,** advising the Chair of the Department on a range of different matters.
- 2017 **Member of the Search Committee** for the new Dean of the College of Arts and Sciences, NYU
- 2015-2017 **Member of the Promotion and Tenure Committee,** College of Arts and Sciences NYU (Served as Chair from 2017-2018)
- 2014-2017 **Director of College Honors,** NYU College of Arts and Sciences, NYU
- 2009-2017 **Member of the Cognitive disorders Award Committee** for the McKnight Endowment Fund for Neuroscience (**Served as Chair from 2014-2017**)
- 2011- 2015 **Member of the Human Frontiers Scientific Program** review board (**Served as Chair in 2015**).

Academic Activities and Achievements

Funding

A. Current Funding

2017-2022	\$100,000 donation to the Suzuki Lab from NYU parent Mr. David McGraw
2017-2022	1R25OD023777-01 BrainWaves: an EEG-based neuroscience curriculum development and teacher training for underserved high schools. P.I. W.A. Suzuki
2017-Present	\$100,000 in unstructured funds from the Dean for Science

B. Pending Funding

2022-2027	1R25GM146286-01 Brain Healthy: Engaging Students in Citizen Science Brain Health and Wellness Investigations to Promote Data Science Literacy. P.I. Davidesco I., Co-PI. Suzuki WA
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C. Past Funding

2016-2017	\$75,000 donation from RIDE, Austin Texas
2016	In-kind donation from New York Health and Racquet Club for gym memberships
2014-2016	Private funds from Swerve Fitness to conduct exercise studies at their exercise studio in NYC.
2015-2016	Private funds from Journey Meditation to conduct studies on the effects Of meditation on mood and cognitive function.
2008-2013	R01 MH084964-01 “The functional organization of the medial temporal lobe”
2010-2015	R01-NIMH “Neural basis of temporal order memory” P.I.: W.A. Suzuki. Co-PI: Y. Naya

- 2010-2015 R01- NIMH “Neurophysiological and fMRI studies of associative learning in the MTL and striatum”
Duel PI grant: W.A. Suzuki and C.E. Stark
- 2010-2011 Supplemental Support for Centers of Excellence to fund collaborations between researchers at Washington Square and the Medical School.
P.I.: Wendy Suzuki
Co-P.I., John Rotrosen
- 2010-2011 ADVANCE grant from NYU’s Dean of Science “The effects of acute aerobic exercise on cognition and neural signals in humans.
P.I.: Wendy Suzuki
- 2006-2009 James S. McDonnell Foundation award “A neuroethological approach to memory and cognition in monkeys”
PI: W.A. Suzuki, Co-PI: Robert Hampton
- 2004-2009 R01 MH58847 “Spatial Functions of the Medial Temporal Lobe”
PI: W.A. Suzuki.
- 2002-2007 Bioengineering Research Partnership Grant, NIDA DA15644, “Dynamic signal processing analyses of neural plasticity” PI: E.N. Brown. Co-PIs: W.A. Suzuki and M.A. Wilson.
- 2005-2006 University Research Challenge Fund “Tasks of naturalistic memory for monkeys”
P.I.: W.A. Suzuki
- 2000-2004 Core Grant, NEI, EY13079 “Core Grant for Vision Research” PI: J.A. Movshon.
- 2000-2001 John Merck Scholars Award “The neural basis of long-term memory” PI: W.A. Suzuki
- 1999-2002 Office of Naval Research Grant, “Emotional influences on information processing and biological and computational mechanisms of visual recognition” PI: P. Lennie.
- 1999-2002 McDonnell-Pew Scholars Award “The neural basis of long-term declarative memory” PI: W.A. Suzuki.
- 1998-2001 McKnight Foundation Scholar “Spatial functions of the macaque parahippocampal cortex” PI: W.A. Suzuki.

Academic Honors and Awards

2010	Golden Dozen Teaching Award, New York University College of Arts and Sciences
2004	Troland Research Award, National Academy of Sciences
1997	Fellows Award for Research Excellence, National Institutes of Health
1994	Donald B. Lindsley Prize in Behavioral Neuroscience, Society for Neuroscience
1990-1993	NIMH Pre-doctoral fellowship MH10033
1987	Departmental Citation, Department of Physiology/Anatomy University of California, Berkeley

Academic Publications

A. Peer Reviewed Journal Articles

- Ku, S, Hargreaves EL, Wirth S, Suzuki WA The contributions of entorhinal cortex and Hippocampus to error driven learning. *Communications Biology* (In Press).
- Sakon JJ, Suzuki WA. Neural evidence for recognition of naturalistic videos in monkey Hippocampus. *Hippocampus*. 22 May 2021; <https://doi.org/10.1002/hipo.23335>.
- Sakon JJ, Suzuki WA. A neural signature of pattern separation in the monkey hippocampus. *Proc Natl Acad Sci U S A*. 2019 May 7;116(19):9634-9643.
- Basso JC, McHale A, Ende V, Oberlin DJ, Suzuki WA. Brief, daily meditation enhances attention, memory, mood, and emotional regulation in non-experienced meditators. *Behav Brain Res*. 2019 Jan 1;356:208-220.
- Suzuki WA, Feliu-Mojer MI, Hasson U, Yehuda R, Zarate JM. (2018) Dialogues: The Science and Power of Storytelling. *J. Neurosci*. 38: 9468-9470.
- Naya Y, Chen H, Yang C, Suzuki WA (2017) Contributions of primate prefrontal cortex and medial temporal lobe to temporal-order memory. *PNAS* 114:13555-13560
- Basso JC, Shang A, Elman, M, Karmouta, R, Suzuki WA (2015) Acute exercise improves prefrontal cortex but not hippocampal function in healthy adults. *J Int Neuropsych Soc* 21:791-801.
- Czanner G, Sarma SV, Ba D, Eden UT, Wu W Eskandar E, Lim HH, Temereanca S, Suzuki

WA, Brown EN (2015) Measuring the signal-to-noise ratio of a neuron. *Proc Natl Acad Sci* 112:7141-6.

Sakon JJ, Naya Y, Wirth S, Suzuki WA (2014) Context-dependent incremental timing cells in the primate hippocampus. *PNAS*. 111:18351-6..

Brickman AM, Khan UA, Provenzano FA, Yeung LK, Suzuki W, Schroeter H, Wall M, Sloan RP, Small SA (2014) Enhancing dentate gyrus function with dietary flavanols improves cognition in older adults. *Nat Neurosci* 12: 1798-803.

Lee YSC, Ashman T, Shang A, Suzuki WA (2014) Brief Report: Effects of exercise and self affirmation intervention after traumatic brain injury. *Neurorehab*. 35:57-65.

Hargreaves EL, Mattfeld AT, Stark CE, Suzuki WA (2012) Conserved fMRI and LFP signals during new associative learning in the human and macaque monkey medial temporal lobe. *Neuron* 74: 743-752.

Naya Y, Suzuki WA (2011) Integrating what and when across the primate medial temporal lobe. *Science* 333(6043): 773-776.

Paxton R, Basile BM, Adachi I, Suzuki WA, Wilson ME, Hampton RR (2010) Rhesus monkeys (*Macaca mulatta*) rapidly learn to select dominant individuals in videos of artificial social interactions between unfamiliar conspecifics. *J Comp Psychol* 124: 395-401.

Suzuki, WA (2010) Untangling memory from perception in the medial temporal lobe. *Trends in Cognitive Sciences*. 14:195-200.

Smith AC, Scalton JD, Wirth S, Yanike M, Suzuki WA Brown EN (2010) State space algorithms for estimating spike rate functions. *Computational Intelligence and Neuroscience*. 2010, 1-14.

Prerau MJ, Smith AC, Eden UT, Kubota Y, Yanike M, Suzuki W, Graybiel AM, Brown EN (2009) Characterizing learning by simultaneous analysis of continuous and binary measures of performance. *J. Neurophysiol*. 102, 3060-3072.

Wirth S, Avsar E, Chiu CC, Sharma V, Smith AC, Brown EN, Suzuki WA (2009) Trial outcome and associative learning signals in the monkey hippocampus. *Neuron*. 61, 930-940.

Suzuki, WA (2009) Perception and the medial temporal lobe: Evaluating the current evidence. *Neuron*. 61, 657-666.

Suzuki WA and Baxter MG (2009) Memory, perception and the medial temporal lobe: A synthesis of opinions. *Neuron*. 61, 678-679.

- Yanike M, Wirth S, Smith AC, Brown EN, Suzuki WA (2009) Comparison of associative learning-related signals in the macaque perirhinal cortex and hippocampus. *Cerebral Cortex* 19, 1064-1078.
- Czanner G, Eden UT, Wirth S, Yanike M, Suzuki WA, and Brown EN (2008) Analysis of between-and within-trial neural spiking dynamics. *J. Neurophys.* 99, 2672-2693.
- Prerau MJ, Smith AC, Eden UT, Yanike M, Suzuki WA and Brown EN (2008) A mixed filter algorithm for cognitive state estimation from simultaneously recorded continuous and binary measures of performance. *Biol. Cybernetics* 99:1-14.
- Smith AC, Wirth S, Suzuki WA and Brown EN (2007) Bayesian Analysis of interleaved learning and response bias in behavioral experiments. *J. Neurophys.* 97, 2516-2524.
- Law JR, Flanery MA, Wirth S, Yanike M, Smith AC, Frank LM, Suzuki WA, Brown EN and Stark CEL (2005) fMRI activity during the gradual acquisition and expression of paired associate memory. *J Neurosci* 25, 5720-5729.
- Buckmaster, C.A., Eichenbaum, H., Amaral, D.G., Suzuki, W.A., and Rapp, P.R. (2004) Entorhinal cortex lesions disrupt the relational organization of memory in monkeys. *J. Neurosci.* 24, 9811-9825.
- Yanike, M., Wirth, S., and Suzuki, W.A. (2004) Representation of well-learned information in the monkey hippocampus. *Neuron* 42, 477-487.
- Lavenex, P., Suzuki, W.A., and Amaral, D.G. (2004) Intrinsic perirhinal and parahippocampal cortices of the macaque monkey: Intrinsic projections and interconnections. *J. Comp. Neurol.* 472, 371-394.
- Smith, A.C., Frank, L.M., Wirth, S., Yanike, M., Hu, D., Kubota, Y., Graybiel, A.M., Suzuki, W.A., and Brown, E.N. (2004) Dynamic analysis of learning in behavioral experiments. *J. Neurosci.* 24, 447-461.
- Wirth, S., Yanike, M., Frank, L.M., Smith, A.C., Brown, E.N., and Suzuki, W.A. (2003). Single neurons in the monkey hippocampus and learning of new associations. *Science* 300, 1578-1581.
- Suzuki, W.A. and Amaral, D.G. (2003). Where are the perirhinal and parahippocampal cortices? A Historical overview of the nomenclature and boundaries applied to the primate medial temporal lobe. *Neuroscience* 120, 893-906.
- Suzuki, W.A. and Amaral, D.G. (2003). The perirhinal and parahippocampal cortices of the macaque monkey: Cytoarchitectonic and chemoarchitectonic organization. *J. Comp. Neurol.* 463, 67-91.

- Suzuki, W.A. and Porteros, A. (2002). Distribution of calbindin D-28k in the entorhinal, perirhinal and parahippocampal cortices of the macaque monkey. *J. Comp. Neurol.* 451, 392-412.
- Lavenex, P., Suzuki, W.A., and Amaral, D.G. (2002). Perirhinal and parahippocampal cortices of the macaque monkey: projections to the neocortex. *J. Comp. Neurol.* 447, 394-420.
- Suzuki, W.A., Miller, E.K., and Desimone, R. (1997). Object and place memory in the macaque entorhinal cortex. *J. Neurophys.* 78, 1062-1081.
- Stefanacci, L., Suzuki, W.A., and Amaral, D.G. (1996). Organization of connections between the amygdaloid complex and the perirhinal and parahippocampal cortices in macaque monkeys. *J. Comp. Neurol.* 375, 552-582.
- Suzuki, W.A. and Amaral, D.G. (1996). The construction of straight line unfolded two-dimensional density maps of neuroanatomical projections in the monkey cerebral cortex. *Neurosci. Protoc.* 96, 1-19.
- Suzuki, W.A. and Amaral, D.G. (1994). Perirhinal and parahippocampal cortices of the macaque monkey: Cortical afferents. *J. Comp. Neurol.* 350, 497-533.
- Suzuki, W.A. and Amaral, D.G. (1994). Topographic organization of the reciprocal connections between monkey entorhinal cortex and the perirhinal and parahippocampal cortices. *J. Neurosci.* 14, 1856-1877.
- Suzuki, W.A., Zola-Morgan, S., Squire, L.R., and Amaral, D.G. (1993). Lesions of the perirhinal and parahippocampal cortices in the monkey produce long-lasting memory impairment in the visual and tactual modalities. *J. Neurosci.* 13, 2430-2451.
- Suzuki, W.A., Amaral, D.G. (1990). Cortical inputs to the CA1 field of the monkey hippocampus originate from the perirhinal and parahippocampal cortex, but not from TE. *Neurosci. Lett.* 115:43-48.
- Zola-Morgan, S., Squire, L.R., Amaral, D.G., and Suzuki, W.A. (1989). Lesions of perirhinal and parahippocampal cortex that spare the amygdala and hippocampal formation produce severe memory impairment. *J. Neurosci.* 9, 4355-4370.

II. Invited Reviews

- Basso JC, Suzuki WA (2017) The effects of acute exercise on mood, cognition, neurophysiology and neurochemical pathways: A review. *Br Plasticity* 2:127-152.
- Suzuki WA (2016) How Body Affects Brain. *Cell Metab* 24:192-3.
- Suzuki WA and Naya Y (2014) The perirhinal cortex. *Ann Rev Neurosci.* 37-:39-53.

- Suzuki WA (2007) Integrating associative learning signals across the brain. *Hippocampus*. 17:842-50.
- Byrne JH and Suzuki WA (2006) Neurobiology of behavior. Editorial overview. *Curr. Opin Neurobio*. 16:6680:671.
- Suzuki, W.A. (2006). Encoding new episodes and making them stick. *Neuron* 50, 19-21.
- Suzuki, W.A. and Brown, E.N. (2005). Behavioral and neurophysiological analysis of dynamic learning processes. *Behavioral and Cognitive Neurosci. Rev.* 4. 67-95.
- Suzuki, W.A. and Amaral, D.G. (2004). Functional neuroanatomy of the medial temporal lobe memory system. *Cortex* 40, 220-222.
- Suzuki, W.A. (2003). Declarative versus episodic: Two theories put to the test. *Neuron* 37, 5-7.
- Suzuki, W.A. and Clayton, N.S. (2000). The hippocampus and memory: a comparative and ethological perspective. *Cur. Opin. Neurobio*. 10, 768-773.
- Suzuki, W.A. (1999). The long and the short of it: Memory signals in the medial temporal lobe. *Neuron* 24, 295-298.
- Suzuki, W.A. (1996). The anatomy, physiology and functions of the perirhinal cortex. *Cur. Opin. Neurobio*. 6, 179-186.
- Suzuki, W.A. (1996). Neuroanatomy of the monkey entorhinal, perirhinal and parahippocampal cortices: Organization of cortical inputs and interconnections with amygdala and striatum. *Seminars in Neurosci.* 8, 3-12.
- Suzuki, W.A. (1994). What can neuroanatomy tell us about the functional components of the hippocampal memory system? Commentary on "Two distinctions of hippocampal-dependent memory processing" by Eichenbaum H., Otto, T. and Cohen, N.J. *Behav. Br. Research* 17, 449-517.

III. Book Chapters

- Suzuki WA (2009) Comparative Analysis of the cortical afferents, intrinsic projections and interconnections of the parahippocampal region in monkeys and rats. In: *The Cognitive Neurosciences*. Ed. Gazzaniga MS. The MIT Press. 659-674.
- Suzuki WA (2008) Declarative memory systems: Anatomy. In: *Encyclopedia of Neuroscience* Volume 3. Ed. Squire LR. Oxford: Academic Press. Pp 347-356.
- Suzuki WA (2008) Learning, memory and the monkey hippocampus. In: *Hippocampal Place Fields: Relevance of Learning and Memory*. Ed Mizumori S. Oxford University Press. pp 218-233.

- Suzuki WA (2007) Making new memories: The role of the hippocampus in new associative learning. In: Imaging and the aging brain. Eds. deLeon MJ, Snider DA, Federoff H. Ann. NY Acad. Sci. 1097:1-11.
- Suzuki WA (2007) Working memory: Signals in the brain. In: Science of memory: Concepts. Eds. Roediger HL, Dudai Y, Fitzpatrick SM. Oxford University Press. pp147-150.
- Suzuki WA (2007) Making and retaining new memories: The role of the hippocampus in associative learning and memory. In: Memories: Molecules and Circuits. Eds. Bontempi, B Silva AJ and Cristen Y. Springer-Verlag Berlin. pp 113-124.
- Suzuki, W.A. (2002). Cortical memory systems in the nonhuman primate. In Neuropsychology of Memory 3rd Edition. L.R. Squire and D.L. Schacter, eds. (New York, NY: Guilford Press), pp. 289-300.
- Suzuki, W.A. and Eichenbaum, H. (2000). The Neurophysiology of Memory. Annals of the New York Acad. Sci. 911, 175-191.
- Mishkin, M., Suzuki, W.A., Gadian, D.G., and Vargha-Khadem, F. (1997). Hierarchical organization of cognitive memory. Philos. Trans. R. Soc. Lond.[Biol]. 352, 1461-1467.
- Burwell, R.D., Suzuki, W.A., Insausti, R., and Amaral, D.G. (1996). Some observations on the perirhinal and parahippocampal cortices in the rat, monkey, and human brains. In Perception, Memory, and Emotion: Frontier in Neuroscience. T. Ono, ed. (New York: Elsevier).
- Squire, L.R., Zola-Morgan, S., Cave, C.B., Haist, F., Musen, G., and Suzuki, W.A. (1993). Memory: organization of brain systems and cognition. In Attention and performance XIV. D.E. Meyer and A.F. Korner, eds. (Cambridge, MA: MIT Press).
- Squire, L.R., Zola-Morgan, S., Cave, C.B., Haist, F., Musen, G., and Suzuki, W.A. (1990). Memory: organization of brain systems and cognition. Cold Spring Harbor Symp. Quant. Biol. 55, 1007-1023.
- Amaral, D.G., Insausti, R., Zola-Morgan, S., Squire, L.R., and Suzuki, W.A. (1990). The perirhinal and parahippocampal cortices in memory function. In Proceedings of Vision, Memory and the Temporal Lobe. Pp. 149-161.

Recent Academic Lectures

- Nov 2021 Keynote Speaker for MIT/Johns Hopkins sponsored educational Learning and the Brain conference entitled “Post-Pandemic Brains: Dealing with the effects of anxiety, trauma, mental health, and learning loss in schools” in Boston, MA.

Nov 2021	Keynote Speaker for the New York Chapter of the American College of Sports Medicine Annual Meeting at NYU's Langone Medical Center.
Oct 2021	Center for Neuroscience & Society at the University of Pennsylvania Public Talk Series on the them of Wellbeing and the Brain. Host: Prof. Martha Farah
April 2021	Guest lecture for Wagner School Course called "What really matters" taught by Yael Shy and Khalid Latif.
March 2021	Guest Lecture for Psych 101 Course, Yale university (Prof. Stephanie Lazzaro)
March 2021	Speaker at NYU Advancing Undergraduate STEM Education event focused on Inclusion
March 2021	Keynote speaker for a newly formed Neurosports Society Conference, Miami, FL.
March 2021	Introductory Keynote speaker for Cognitive Neuroscience Society virtual meeting
February 2021	Rutgers University WINS Invited speaker (virtual)
December 2020	Invited speaker for Neuroscience Program at Georgetown University
July 2020	Keynote address at the American College of Sports Medicine's (ACSM) International Health Fitness Summit in Atlanta GA. (Postponed)
October 2019	Guest speaker for UCLA's Friends of Semel Institute Speaker Series.
October 2019	Invited speaker at the National Academy of Science, Science Documentary Film makers conference in Woods Hole, MA.
September 2019	Invited Speaker for NYU Biology Departmental Retreat
August 2019	Invited session organizer for the Cognitive Neuroscience Society Meeting in San Francisco, CA. Session: The Cognitive effects of Exercise on the Brain.
August 2019	Keynote speaker for UC Berkeley's Cellular and Molecular Neurobiology Departmental retreat and welcome for new students.
February 2018	Invited Speaker for Yale's Biology Science Training Program weekly seminar series.

Teaching

Undergraduate courses:

Brain and Behavior Suzuki serves as one of the instructors for this NYU core curriculum science course for non-science majors. In this course Suzuki covers everything from the basic building blocks of the brain (neurons and glia) to how we study higher cognitive functions. She is known for making the science relevant by bringing in special guests including rappers (to illustrate range of use of language), magicians (to illustrate how they manipulate attention) as well as a guest speaker with confirmed HSAM (highly superior autobiographical memory) studied by the Center for Learning and Memory at UC Irvine to illustrate the range of memory capacity in humans.

Can Exercise Change your Brain? In this signature course, Suzuki, brings exercise into the classroom, starting with an aerobic workout before every class. The course itself covers the history, animal and clinical studies of the effects of exercise on brain functions. She tests students in the class at the beginning and at the end of the semester on a memory test (together with a control course that does not exercise) and provides the data to students at the end of the course (names removed) to analyze as part of their final project. She won a Golden Dozen teaching award from NYU, one of their highest teaching honors, the year she developed this class.

Exercise, Meditation and the Brain In this course, Suzuki covers the effects of both exercise and meditation on brain function while focusing on science writing skills. She has taught this class in collaboration with the writing center on campus to provide students with detailed feedback on both the science and the writing of the experimental proposals that they produced throughout the semester.

Art Meets Brain In this course, Suzuki draws on her ties to the artistic community in New York City to explore the neurobiology of various creative art forms using both animal model systems as well as insights from human studies. This class does not examine what happens to the brain when people view art. Instead, in the fall 2017 version of the course we tackle 2 art forms: Acting and musical production. On the neurobiological side for acting/emotions we explore pair bond formation in the vole system, and the neurobiology of fear. For the song production sides, we study the birdsong system. From the neuropsychological/human perspective, we explore the neural correlates of deep romantic love in people, what emotions mean from the perspective of an actor and music production from the point of view of a Broadway vocal coach and conductor. The goal is to engage students in a new way in thinking about, arguably, the highest level of cognition that humans process—the ability to create art.

Graduate Courses

Neuroanatomy Suzuki co-teaches a neuroanatomy section of the core graduate course that focuses on primate neuroanatomy.

General Service

*(Positions of leadership are indicated with an *)*

2021 *Guest Editor for Frontiers in Human Neuroscience Edition on the Mood modifying effects of exercise on the brain.

2009 - 2017 *Member and Chair (2014-2017) of Memory and Cognitive disorders Award Committee for the McKnight Endowment Fund for Neuroscience

2016 – 2017 *Member of Scientific Advisory Board for the Ernst Strugmann Institute for Neuroscience in Cooperation with Max Planck Society

2015- 2017 *Member of the External Advisory Committee for University of Delaware COBRE grant

2007-2017 *Member of the Board of Directors of the Neurobiology of Learning & Memory Meeting at Park City Utah, in its 34th year.

2014 - 2016 *Member of the Professional Development Committee for the Society for Neuroscience.

2011- 2015 *Member of the HFSP review board (2015 chair of committee)

2003 - 2008 Permanent member of LAM study section, NIMH, Center for Scientific Review

1999-2003 Ad Hoc member of IFCN-7 study section, NIMH Center for Scientific Review

2017- Present Reviewer for: J. Neuroscience, J. Neurophysiology, Neuron, Proc. National Academy of Sciences, Science, J. Comparative Neurology, Cerebral Cortex, Behavioral Neuroscience, Learning and Memory, Neuropsychologia, European J. Neuroscience

University Service

2021-2024	*Co-Chair of the Self Study for Middlestates Accreditation with Vice Provost Diana Arpino
2017	*Member of the Search Committee for the new Dean of the College of Arts and Sciences, NYU
2015-2017	*Member of the Promotion and Tenure Committee, College of Arts and Sciences NYU (2017-2018, Chair of Committee)
2014-2017	*Director of College Honors, NYU College of Arts and Sciences, NYU
2009-2015	Faculty Affiliate for Residential Life Program.
2011-2014	Chair of the Foundations of Scientific Inquiry MAP Committee
2010-2012	Member of the Graduate Thesis and Travel Awards Committee
2009-2015	Co-Director, Empowering Women in Science Leadership training Organization at NYU.
2009-2014	Faculty Advisor for Empowering Women in Science Explorations floor at Palladium dorm
2009-2015	Director and teacher for Weekly Free Community Exercise Class in Palladium Dorm at NYU.
January 2008	Speaker for NYU Alumni event in Florida
November 2008	Speaker for University Parent/Prospective Student Day
May 2008	Presenter at NYU Alumni Day
2010-2007	Member of University Nominations Committee
2008	Member of University Committee to re-examine MAP course organization
2005-2000	Member of the Academic Standards Committee
April, 2003	Moderator for “Learning and Memory” a Faculty Panel for Alumni Day
March 2002	Speaker, Morning on the Square, Sponsored by the Faculty of Arts and Sciences

October 2001	Speaker, FAS Undergraduate Honors Program
October 2000	Speaker, Dean's Day 2000, Sponsored by the Faculty of Arts and Sciences
June 2000	Faculty Panelist for "Mapping the New Millenium" Sponsored by The Faculty Resource Network
April 2000	Faculty Panelist for "A Morning on the Millennium" Sponsored by the Faculty of Arts and Sciences
March 2000	Lecturer in "Recent Advances in Science" Sponsored by the NYU School of Education Department of Teaching and Learning Program in Science Education in Collaboration with the NYU Faculty of Arts and Sciences
May 1999	Moderator For Dean's Day Symposium, Sponsored by the Faculty of Arts And Sciences
December 1998	Faculty Organizer for "Mind & Brain: The Inner Frontier" Co-sponsored by Johns Hopkins University Institute for the Academic Advancement of Youth, New York University and the Center for Neural Science

Departmental Service

2020-21, 2017-2013	*Director of Undergraduate Studies, Center for Neural Science, NYU. In this role I have focused on enhancing the research experience for our undergraduates by creating many new programs including 1) Research match program (providing a list of open neuroscience research positions available each term) 2) Meet the faculty event (meetings between small groups of students and faculty to talk about their primary research interests) 3) Meet the Director of Undergraduate Studies (a meeting I run for all current and want-to-be neuroscience majors each term) 4) How to get into graduate school panel (including recent graduate students and the Chair of our graduate admission committee) 6) Peer mentoring program (the most popular program of the bunch) 7) Faculty Research Lectures (students vote for one faculty each semester to give a high level lecture on their work).
2019-Present	*Member of the Executive Committee advising the Chair in the Center for Neural Science
2013-2017	*Member of the Education Committee
2011-2012	*Member of the Graduate Admissions Committee

March, 2010	*Organizing Committee for 10 Biennial CNS Symposium entitled “The Mysteries and Marvels of Memory.” Silver Center, New York University
2006-2011	*Departmental Representative and Vice Chair on the University Animal Welfare Committee.
2003	*Member of organizing committee for 7th CNS Symposium entitled “Imaging the Brain: Neurons, Networks and Behavior”
1998-2000	Member of CNS Teaching Committee
1999-2002	Co-Director of the CNS Colloquium series

Current & Past Post-Doctoral Fellows

7/19 – 9/16	Dr. DJ Oberlin Project 1: Effects of acute and long-term exercise on cognitive function.
12/12-12/17	Dr. Julia Basso Project 1: fMRI study of the effects of acute exercise On cognitive function.
1/11-1/14	Dr. John Sakon Project 1: Pattern separation and pattern completion in the monkey hippocampus
9/11 – 1/14	Dr. Shihpi Ku Project 1: MTL-striatal interactions in the monkey
9/05-2013	Dr. Yuji Naya Project 1: Characterize the pattern of firing of entorhinal neurons as animals perform a temporal order memory task.
1/11-12/12	Dr. Laetitia Chauviere Project 1: Characterize hippocampal activity during a long-term temporal order memory task
7/03 – 2009	Dr. Eric Hargreaves Project 1: Characterization of putative excitatory and putative inhibitory cells in the monkey hippocampus Other projects: To be determined

- 10/03 – 3/06 Dr. Emin Avsar
Project 1: Characterize the memory related activity of neurons during the inter-trial-interval of an object-place association task.
- 2000 – 4/2005 Dr. Sylvia Wirth
Project 1: Neural correlates of associative learning in the medial temporal lobe
Project 2: Neural correlates of the acquisition of object-place associations in the medial temporal lobe
- 1/2000 - 11/2000 Dr. Angel F. Porteros
Project 1: The organization of intrinsic connections of the macaque monkey parahippocampal cortex
Project 2: The chemoarchitectonic organization of the macaque monkey entorhinal, perirhinal and parahippocampal cortices.

Past Graduate Students

- 2001-2007 **Marianna Yanike**
Project 1: Neural correlates of associative learning in the perirhinal cortex
Project 2: Neural correlates of long-term associative memories in the medial temporal lobe

Mentored Undergraduate Students

Suzuki estimates that she has mentored between 125 and 150 undergraduate students in her lab over the years including 10 who have completed an honors thesis in her lab. She currently supervises 5 undergraduate students in her lab including one honors student.

Science Outreach

In addition to my academic research program summarized above, I have devoted time and energy to disseminating my science to the general public in the form of TED/TEDX talks, Moth talks, Story collider talks and the publication of two books for the general public. My TED talk on the brain changing benefits of exercise was the 2nd most viewed TED talk of 2018 and currently has over 13 million views on the TED site. A shorter version of the talk on Facebook has been viewed over 32 million times. This talk was based on my first book, *Healthy Brain Happy Life* (Harper Collins) published in May of 2015 that became an international best-seller. In 2016, it was made into a PBS special. My second book *Good Anxiety, Harnessing the Power of the Most Misunderstood Emotion* was published by Simon and Schuster on Sept 7th, 2021 was reviewed by the Wall Street Journal, the New York Journal of Books among many others and is a national best-seller. Since September 2021, I have appeared on CBS This Morning, Good Morning America, Dr. Oz, and The Doctors TV shows to promote the book.

A select list of recent talks and Podcast appearances focused on Good Anxiety and Healthy Brain Happy Life is provided below

Nov 2021	TV Interview. Zoom interview for The Doctors show
Oct 2021	TV Interview. In studio appearance on the Dr. Oz Show
Sept 2021	Wake- up Call with Katie Couric Media ran interview
Sept 2021	Written Interview. Today.com Health Section
Sept 2021	Radio Interview. NPR Life Kit Washington
Sept 2021	TV Interview. Zoom interview with Good Morning America
Sept 2021	TV Interview. In studio interview with CBS This Morning.
August 2021	Podcast Appearance. The Model Health Show – episode went to #16 on Podcast downloads charts.
April 2021	Guest Speaker. Aspen Brain Institute Expert Series 2021 (host Dr. Ronnie Stangler)
March 2021	Keynote Speaker. Manhattan JCC Keynote Lecture for Brain Awareness Week 2021
March 2021	TV Interview. Filmed a segment for a new PBS show “Build a better memory through science”

- Feb 2021** **Public Speaking:** Keynote Speaker for “The Summit” a virtual event sponsored by Taryn Toomy and The Class.
- Feb 2021** **Radio Interview.** TED’s How to be a Better Human Series.
- January 2021** **TV Interview.** Guest on Tamron Hall Show (aired January 22, 2021)
- Jan 2021** **Keynote Speaker.** Manhattan JCC New Year’s Day 2021 Online day of Fitness and Learning.
- Nov 2020** **Featured Expert.** National Geographic’s Special Issue on Memory by Tula Karras. <https://www.amazon.com/National-Geographic-Memory-Works->
- March 2020** **TV Interview.** Metro Focus/Channel 13. Your brain during the lockdown.
- March 2020** **TV Interview.** Fox News interview on what happens to the brain during a lockdown.
- March 2020** **TV Interview.** Interviewed on NY1 about exercise, the brain and the shutdown.
- Feb 2020** **Public Speaking.** Speaker for the Story Collider Science Storytelling event at Union Hall in Brooklyn.
- Feb 2020** ***Public Speaking.** Invited Speaker for Memory Matters, Hilton Head South Carolina.
- Feb 2020** **Public Speaking.** Featured speaker to Renaissance Weekend in Amelia Island, FL.
- January 2020** **Public Speaking.** Featured speaker at JCC for New Year’s Day blowout event.
- Jan 2020** ***Public Speaking.** Keynote speaker for APA Solutions, a company that supports entrepreneurs in Buffalo NY.