CURRICULUM VITAE
TURHAN CANLI, Ph.D.

Professor of Psychology Stony Brook University Stony Brook, NY 11794-2500 Telephone: (631) 632-7803 Fax: (631) 632-7876 E-mail: turhan.canli@stonybrook.edu	ORCID 0000-0003-3646-239X

Research Interests and Expertise

- Molecular Psychology
- Global Neuroethics (I am a 2006 co-founder of the International Neuroethics Society)
- Atrocity Prevention (I am the 2026 co-founder of CHEMPRINTS – Chemical-Attack Profiling of Injury & Trauma Survivors, and a 2025/26 Charles E. Scheidt Faculty Fellow in Atrocity Prevention)

Honors and Awards

2025 Elected Fellow of the Academy of Behavioral Medicine Research (ABMR)
2023 Stony Brook University, Center for Inclusive Education, Faculty Award for Excellence. "In recognition of your commitment to diversity and outstanding contribution to mentoring at Stony Brook University".
2022 Elected Fellow of the American Psychological Association (APA)
2021 Elected Fellow of the Society for the Psychological Study of Social Issues (SPSSI)
2013 McGovern Lecture, Beijing University, Beijing, China
2010 Elected Fellow of the Association for Psychological Science (APS)
2008 James McKeen Cattell Sabbatical Award (Cattell Fund and Association for Psychological Science)
2007 Closing Lecture: 43rd National Psychiatry Congress, Istanbul, Turkey, October 27, 2007.
2006 Alumni Recognition Award, EPIIC (Education for Public Inquiry and International Citizenship), Tufts University. "In recognition of your distinguished scholarly accomplishments, path-breaking ways to understand the brain, and your dedication to ethics in science and public policy". February 23, 2006.
2005 Opening Lecture: 8th Meeting of the Differential Psychology, Personality Psychology, and Psychological Diagnostics, Marburg, German, September 26, 2005.
2005 Outstanding Mentoring Award, Paul D. Schreiber High School
2002 APA Div. 6 D.G. Marquis Award for the best paper in *Behavioral Neuroscience* in 2001
2001-3 Young Investigator Award, National Alliance for Research on Schizophrenia and Depression (NARSAD)
1996-9 National Research Service Award (NRSA)
1992 Fifth Year Dissertation Fellowship (Yale University)
1988 Benjamin G. Brown Scholarship (Tufts University)

Degrees

Yale University, Graduate School of Arts and Sciences, New Haven, CT.
1993 Ph.D. (Psychobiology)
1991 M.Phil. (Psychobiology)
1989 M.S. (Psychobiology)
Tufts University, College of Liberal Arts, Medford, MA.
1988 B.A., *summa cum laude, summo cum honore in thesi* (Psychology)

Professional Post-Graduate Training and Workshops
2026 Charles E. Scheidt Faculty Fellow in Atrocity Prevention, SUNY Binghampton.
2026 Certification in *Neuroethics*, Neuroethics Winter School, Oxford University.
2017 Certification in *Global Mental Health: Trauma and Recovery*, Harvard Program in Refugee Trauma.
2008 Sabbatical Leave. Molecular Biology and Epigenetics, Genomic Core Facility, Stony Brook University. Trained by its Director, Dr. Eli Hatchwell.
2004 Certification in Basic Life Support for Health Care Providers
2004 Certification in Seizure Management and Transcranial Magnetic Stimulation, Harvard Medical School, February 9-13, 2004.
2002 Certification in Molecular Biology, New England Biolabs Workshop in Molecular Biology and PCR, Smith College, MA, June 23 - July 6, 2002.
2002 Statistical Parametric Mapping Workshop, Wellcome Department of Cognitive Neuroscience, London, England, May 17-18, 2002.

Appointments

Stony Brook University, Stony Brook, NY
2023 -present Affiliate Faculty, Institute for AI-Driven Discovery, Stony Brook University
2023 - present Affiliate Faculty, The Alda Center for Science Communication, Stony Brook University
2016 - present Full Professor, Departments of Psychology (primary) and Psychiatry (courtesy)
2007 – 2015 Associate Professor, Department of Psychology
2001 – 2006 Assistant Professor, Department of Psychology

Non-Departmental Appointments:
2010 – 2013 Director, Graduate Program in Genetics
2007 – Founder/Director, *SCAN* (Social, Cognitive, and Affective Neuroscience) Center

University of California, Berkeley, CA
2000 (Fall) Lecturer, Department of Psychology

Stanford University, Stanford, CA
1995 - 2001 Postdoctoral Research Affiliate /Visiting Scholar, Department of Psychology

Yale University, New Haven, CT

1993 - 1995 Postdoctoral Research Associate, Department of Psychology

Research Support

Submitted
The Dana Foundation
"CHEMPRINTS: A Neuroethics Justice Mechanism for Survivors of Neurotoxin War Crimes"
Turhan Canli, PhD, PI
$150,000, 09/01/2026 – 06/31/2027
Survivors of chemical attacks live with long-term neurocognitive and psychological sequelae yet may be unable to provide court-admissible proof of exposure, as chemical residues decay within hours, medical records may not exist or be lost, and testimony is vulnerable to contestation. CHEMPRINTS (CHEMical-Attack PRofiling of Injury & Trauma Survivors) is a survivor-centered pilot that elevates neuroethics as a prerequisite to biomarker science, so that future molecular or neuroimaging markers strengthen, rather than replace, survivors' narratives. Under **Aim 1,** survivors of the 2013 Ghouta, Syria, attack will participate in trauma-informed, semi-structured interviews aimed to characterize (i) lived neurocognitive harms, (ii) moral injury, and (iii) acceptable boundaries for use of biospecimens and data. Under **Aim 2**, legal practitioners or academic scholars with direct experience in chemical weapons litigation, human rights advocacy, or forensic evidence-management will meet with molecular biologists in The Hague, The Netherlands, for a workshop to develop new guidelines of chain-of-custody for novel biomarker development from survivors of chemical weapons attacks. Under **Aim 3**, proof-of-concept pilot data will be generated from blood samples of a subset of survivors of the Ghouta attacks.

In-kind support (*SCAN* Center pilot scanning)

"Information-Processing of "Fake News" in a Political Context"
Turhan Canli, P.I.
$62,500, 9/1/2018-8/31/2024
This project uses fMRI to study encoding and memory retrieval processes of political information as a function of participants' political orientation.

"Application of a Novel Imaging Technique to the study of Blood-Brain-Barrier Function as a function of depressive state"
Turhan Canli, P.I.
$62,500, 6/1/2019-5/31/2024
This project applies our IDEALS imaging technique to study changes in BBB permeability as a function of depressive state in patients, and BBB stability across time in healthy controls.
SCAN Center and Office of the Provost, Stony Brook University

"Arterial Spin Labeling (ASL) Imaging of Resting Brain Activation as a function of Loneliness"
Turhan Canli, P.I.
$60,000, 9/1/2015-8/31/2017
This project used ASL to measure absolute blood flow as a function of subjective social isolation in a cohort of fifty college-aged and fifty older (age 55+) adults as a follow-up study to our NIH- and NSF-funded work. This project supported the development of a novel 3D imaging technique

IDEALS (*Intrinsic Diffusivity Encoding of Arterial Labeled Spin*: He, Wengler, Bangiyev, Canli, Duong, and Schweitzer, *Neuroimage*, 2019).

Past

The Dana Foundation
"The Dana Center for Neuroscience & Society in Global Brain Health"
$175,000, 10/01/2022 - 02/28/2023
Turhan Canli, P.I.
This award supported planning grant activities including a winter school for faculty from minority-serving institutions in 3-d printing of neuroscience equipment, and neuroscience outreach and educational activities in Ghana, Africa.

Department of Psychiatry Pilot Grant
"Activating and identifying neural responses to social rejection: a combined tDCS/fMRI study"
Turhan Canli, Mentor to Dr. David T. Hsu (P.I.) and Co-P.I.
$15,000 8/1/2017 - 7/31/2019
The goal of this pilot study was to combine transcranial direct current stimulation (tDCS) with functional magnetic resonance imaging (fMRI) to activate and identify neural pathways regulating negative moods during rejection in a sample of healthy volunteers in order to: (1) test the behavioral effects of tDCS during social rejection, and (2) use tDCS to activate, and fMRI to identify, neural pathways regulating negative moods during social rejection.

National Institutes of Health, National Institute on Aging, 1 R01 AG034578-01
"Gene-Environment Interactions in Loneliness and Stress Reactivity in Older Adults"
Turhan Canli, P.I.
$2,350,000, 6/24/2009-8/31/2014
This project used a combination of behavioral, neuroimaging, and *postmortem* whole genome expression analyses at the RNA level to investigate gene regulation changes as a function of psychosocial stress and loneliness in the elderly.

National Science Foundation, BCS-0843346
"The Human Stress Response: Interaction of Life Stress History and Genetic Variation on Behavior, Brain Function, and the (Epi-)Genome"
Turhan Canli, P.I. (20% academic year, 25% summer)
$882,000, 7/24/2009-8/31/2013
The goal of this study was to investigate gene-by-environment interactions on individual differences in stress reactivity in behavior, brain circuits, and gene expression in younger individuals and proteomics markers of gene expression in *postmortem* brain tissue associated with these processes.

SBU-BNL Seed Grant
"The neurogenetics of impulsivity: individual differences within the dopamine transporter (*DAT*) gene assessed with PET and fMRI"
Turhan Canli, P.I.
$24,000, 6/1/2005-5/31/2010

The goal was to combine PET and fMRI neuroimaging to determine the distribution and functional activation of the dopamine transporter (DAT) system, and to relate individual differences DAT distribution with genetic variation in the DAT gene.

National Science Foundation, OIA #0722874
"Acquisition of a Research-dedicated Magnetic Resonance Scanner at Stony Brook University"
Turhan Canli, P.I.
$ 1,918,878, 08/31/2007-08/30/2009
This was a major research instrumentation application to bring a research-dedicated fMRI scanner to Stony Brook. At that time, Stony Brook did not have such a facility, forcing a number of faculty to scan elsewhere.

GCRC*#MO1RR10710*
"Neurogenetic Correlates of Psychosocial Stress"
Turhan Canli, P.I.
$24,000, 10/1/2008-12/31/2009
The goal of this project was to measure gene expression in *postmortem* human brain tissue, using the Affymetrix Human Genome U133A 2.0 Array.

National Science Foundation, BCS-0224221
"FMRI of Hormonal Variation in Cognitive-Affective Processing"
Turhan Canli, P.I. (25% academic year, 75% summer)
$638,658, 9/15/2002-8/31/2008
The goal of this study was to use functional magnetic resonance imaging (fMRI) to evaluate the role of ovarian steroids in brain activation patterns during cognitive-affective processing. A secondary goal was to relate individual differences in brain activation to genetic variation and hormonal state.

National Institute of Health, 1R13-MH067835-01A1
"Biological Basis of Personality and Individual Differences" (Funding for 3-day conference)
Turhan Canli, P.I.
$49,700 total direct cost, conference to be held 9/1-9/4/2004
Research on the biological basis of personality and individual differences has been catalyzed by recent methodological advances in genetics and neuroscience. This conference offered a forum for interactions between psychologists and biologically oriented researchers who share an interest in personality and individual differences and will feature nineteen clinicians, geneticists, psychologists, and neuroscientists from the United States, South America, Europe, and Australia.
National Alliance for Research on Schizophrenia and Depression (NARSAD)
"Functional Magnetic Resonance Imaging of Social Phobia"
Turhan Canli, Fellow (10% during academic year)
$60,000 total direct cost 7/1/2001 – 6/30/2004
The major goal of this project was to evaluate the role of the amygdala in SP, using functional magnetic resonance imaging.

National Institute of Health, 5F32MH011402-03 (NRSA Postdoctoral Fellowship)
"Functional Magnetic Resonance of Emotion"
Turhan Canli, P.I. 10/01/1996 - 09/30/1999

Funding for Mentored/Advisory/Supervisory Activity

U.S. National Science Foundation, Graduate Research Fellowship
Julianna Gerold
"Financial Decision-Making in older Adults"
9/1/2026-8/31/2029
The project will assess cognitive and neural vulnerability to financial exploitation in younger (18-24) and older (60+) adults, via behavioral tasks and task-based fMRI.

National Institutes of Health, National Institute on Aging, KO1 AG033182-02
"The Economics and Psychology of Self-Control"
Co-Advisor to Dr. Angela Lee Duckworth (**a 2013 MacArthur Fellow**), Assistant Professor of Psychology, University of Pennsylvania (Main Adviser: Jim Heckman, Economics, University of Chicago)
2009-2014
This project is designed to integrate an interdisciplinary research program on self-control and other capacities that determine economic, social and health outcomes across the life course.

National Institute of Mental Health. Ruth L. Kirchstein National Research Service Award, 1F32 MH091955-01
"Examining several possible causes of GxE non-replications in depression"
Co-Mentor of Dr. Suzanne Vrshek-Schallhorn, Postdoctoral Research Fellow, Department of Psychology, Northwestern University
9/1/2010 to 8/31/2013
This project uses Northwestern-UCLA Youth Emotion Project data and DNA samples to examine possible causes for non-replications which have stymied GxE depression research, including: 1) inconsistency in operationalization of life stress data, 2) differences in how stress relates to recurrences of depression compared to first onsets, and 3) whether gender and race/ethnicity moderate findings.

Japan Society for the Promotion of Science
"The integrative model of gene-brain-somatic mechanisms for custom-made therapy of emotional disorders"
Host and Mentor to Dr. Hiroki Murakami
4/1/2011-3/31/2012
The project was to develop an integrated EEG/fMRI methodology, applied to the study of individual differences in emotional reactivity and emotion regulation, as a function of gene-environment interactions.

Deutsche Forschungsgemeinschaft (Germany)
"Gene environment interaction effects of genetic variability and early life stress on psychosocial stress reactivity"
Sponsor of Dr. Anett Mueller
1/1/2010-6/30/2011

This project investigated the role of early life stress and candidate genes or environmentally plasticity in the context of individual differences in social stress reactivity.

National Institutes of Health. Ruth L. Kirchstein National Research Service Award
"The Neurogenetic Basis of Behavioral Inhibition"
Sponsor of Eliza Congdon
9/1/06-5/30/08
This project tested the hypothesis that variants of two dopamine system-related genetic polymorphisms (DAT and COMT) influence the neural network underlying behavioral inhibition, a more direct expression of impulsivity.

Publications and Conference Presentations

Citation Statistics

Summary Statistics (based on Google Scholar, as of 12/08/2025):
Total citations: 23,422
Google h-index: 56
Google i10-index: 82

Top-accessed article (based on Altmetric, as of 12/08/2025):
Canli, T. (2014). Reconceptualizing Major Depressive Disorder as an Infectious Disease. *Biology of Mood and Anxiety Disorders*, 4:10. DOI: 10.1186/2045-5380-4-10.
Accessed more than 87,000 times since 10/31/2014. Altmetric score 286 (average score is 5). Based on Altmetric, this places it in the 99th percentile of the 279,258 tracked articles of a similar age in all journals.
(https://biolmoodanxietydisord.biomedcentral.com/articles/10.1186/2045-5380-4-10/metrics)

TEDx Talk on Depression as an infectious Disease (as of 07/11/2025):
Accessed more than 197,000 times.
https://www.youtube.com/watch?v=1dD29XHp6CU

Top 12-cited articles (based on Google Scholar, as of 12/08/2025):

1. 6,437 citations: Rossi, Hallett, Rossini, Pascual-Leone, and the Safety TMS Consensus Group* (2009). Safety, ethical considerations, and application guidelines for the use of transcranial magnetic stimulation in clinical practice and research. *Clinical Neurophysiology*, 120 (12), 2008-2039. DOI: 10.1016/j.clinph.2009.08.016. *I was a member of this group.

2. 1,435 citations: Canli, T. and Lesch, K.P. (2007). Long story short: serotonin transporter in emotion regulation and social cognition. *Nature Neuroscience*, 10, 1103-1109. DOI: 10.1038/nn1964.

3. 1,142 citations: Canli, T., Zhao, Z., Brewer, J., Gabrieli, J.D.E., and Cahill, L. (2000). Event-related activation in the human amygdala associates with later memory for individual emotional experience. *Journal of Neuroscience*, 20, RC99.

4. 968 citations: Canli, T., Desmond, J.E., Zhao, Z., and Gabrieli, J.D.E. (2002). Sex differences in the neural basis of emotional memories. *Proceedings of the National Academy of Sciences, U.S.A*., 99 (16), 10789-10794. DOI: 10.1073/pnas.162356599.

5. 900 citations: Canli, T., Zhao, Z., Desmond, J.E., Kang, E., Gross, J., and Gabrieli, J.D.E. (2001). An fMRI study of personality influences on brain reactivity to emotional stimuli. *Behavioral Neuroscience*, 115, 33-42. DOI: 10.1037//0735-7044.115.1.33.

6. 842 citations: Mather, M., Canli, T., Whitfield, S.L., English, T., Gabrieli, J.D.E., and Carstensen. L. A. (2004). Amygdala responses to emotionally valenced stimuli in older and younger adults. *Psychological Science*, 15, 259-263. DOI: 10.1111/j.0956-7976.2004.00662.x

7. 735 citations: Canli, T., Sivers, H., Gotlib, I.H., and Gabrieli, J.D.E. (2002). Amygdala response to happy faces as a function of extraversion. *Science*, 296, 2191. DOI: 10.1126/science.1068749.

8. 712 citations: Goldin, P.R., Manber, T., Hakimi, S., Canli, T., and Gross, J.J. (2009). Neural bases of social anxiety disorder emotional reactivity and cognitive regulation during social and physical threat. *Archives of General Psychiatry,* 66 (2), 170-180. DOI: 10.1001/archgenpsychiatry.2008.525.

9. 657 citations: Canli, T., Desmond, J.E., Zhao, Z., Glover, G., and Gabrieli, J.D.E. (1998). Hemispheric asymmetry for emotional stimuli detected with fMRI. *Neuroreport*, 9, 3233-3239. DOI: 10.1097/00001756-199810050-00019.

10. 638 citations: Hamann, S. and Canli, T. (2004). Individual differences in emotion processing. *Current Opinion in Neurobiology*, 14 (2), 233-238. PMID: 15082330. DOI: 10.1016/j.conb.2004.03.010.

11. 481 citations: Canli, T., Omura, K, Haas, B., Fallgatter, A., Constable, R.T., Lesch, K.P. (2005). Beyond affect: A role for genetic variation of the serotonin transporter in neural activation during a cognitive attention task. *Proceedings of the National Academy of Sciences, U.S.A.*, 102 (34), 12224-9. DOI: 10.1073/pnas.0503880102.

12. 456 citations: Canli, T., Qui, M. Omura, K, Congdon, E., Haas, B.W., Amin, Z., Herrmann, M.J., Constable, R.T., Lesch, K.P. (2006). Neural correlates of epigenesis, *Proceedings of the National Academy of Sciences, U.S.A.*, 103 (43) 16033-16038. PMID: 17032778. PMCID: PMC1592642. DOI: 10.1073/pnas.0601674103.

Books

1. Canli, T. (under contract with Routledge, Taylor & Francis Group). *Molecular Psychology: Discovering the Mechanisms that regulate Genes, Brains, and Behavior*.

2. Canli, T. (Ed.) (2015). *The Oxford Handbook of Molecular Psychology*. Oxford, New York: Oxford University Press.

3. Canli, T. (Ed.) (2006). *The Biological Basis of Personality and Individual Differences*. New York: Guilford Press.

Book Chapters

1. Canli, T. (2019). Molecular Trait Psychology: Advancing the field by moving from gene-hunting to tool-making, pp. 237-254. In Douglas B. Samuel and Donald R. Lynam (Eds.), *Using Basic Research to Inform Personality Pathology.* Oxford University Press.

2. Canli, T. (2019). Missing heritability in studies of trait anxiety and amygdala function: Is the solution in plain sight? pp. 205-215. In: Andrei C. Miu, Judith R. Homberg, & Klaus-Peter Lesch (eds.), *Genes, Brain and Emotions: Resilience and Psychopathology*, Oxford University Press.

3. Canli, T. (2018). Toward a molecular basis of personality, pp 67-92. In Zeigler-Hill, V., and Shackelford, T.K., (Eds.), *The Sage Handbook of Personality and Individual Differences*. Sage Publications.

4. Fogelman, N., and Canli, T. (2017). Molecular Psychology of Personality: An Update. In: *Neuroscience and Biobehavioral Psychology*, Elsevier.

5. Canli, T. (2015). Molecular Psychology: A Brief History and Introduction, pp. 3-15. In T. Canli (Ed.), *Oxford Handbook of Molecular Psychology*. Oxford and New York: Oxford University Press.

6. Canli, T. (2015). Is Depression an Infectious Disease?, pp. 293-310. In T. Canli (Ed.), *Oxford Handbook of Molecular Psychology*. Oxford and New York: Oxford University Press.

7. Canli, T. (2015). Neurogenethics, pp. 426-447. In T. Canli (Ed.), *Oxford Handbook of Molecular Psychology*. Oxford and New York: Oxford University Press.

8. Mueller, A. & Canli, T. (2012). The Serotonin Transporter Gene in the Context of a Behavioral Medicine Perspective. Encyclopedia of Behavioral Medicine. New York: Springer Press.

9. Duman, E.A. and Canli, T. (2010). Genetic studies of personality. In Koob, G., Thompson, R.F., and Le Moal, M. (Eds.), *Encyclopedia of Behavioral Neuroscience*, Elsevier.

10. Duman, E.A. and Canli, T. (2010). Social behavior and serotonin, pp. 449-56. In Müller, C.P. and Jacobs, B. (Eds.), *Handbook of Behavioral Neurobiology of Serotonin*, Series: Handbook in Behavioral Neuroscience (Ed. J.P. Huston), Elsevier.

11. Canli, T. (2009). Genetic transmission of depression, pp. 290-91. In R. Ingram (Ed.), *International Encyclopedia of Depression*. Springer Publications, New York, NY.

12. Canli, T. (2009). Neuroimaging of emotion and personality, 305-22. In G. Matthews and P. Corr (Eds.), *Cambridge Handbook of Psychology*. Cambridge University Press.

13. Canli, T. (2009). Genetics of affect, pp. 192-5. In K. Scherer and D. Sander (Eds.), *The Oxford Companion to Emotion and the Affective Sciences*. Oxford and New York: Oxford University Press.

14. Canli, T. (2009). Individual differences in human amygdala function, pp.250-64. In P. Whalen and E. Phelps (Eds.), *The Human Amygdala*. Guilford Press.

15. Canli, T. (2009). Genetic Transmission of Depression. In R. Ingram (Ed.), The *International Encyclopedia of Depression*, Springer Publishing Company.

16. Canli, T. (2009). Genomic imaging, pp. 295-312. In E. Harmon-Jones and J Beer (Eds.), *Methods in the Neurobiology of Social and Personality Psychology*. New York: Guilford Publications.

17. Congdon, E. and Canli, T. (2008). Genomic imaging of personality: Towards a molecular neurobiology of impulsivity, pp. 334-351. In G. J. Boyle, G. Matthews, D. H. Saklowske (Eds.), *The Sage Handbook of Personality Theory and Assessment*, Vol. 2: Personality Measurement and Testing. Thousand Oaks, CA: Sage Publications.

18. Canli, T. (2008). Toward a "Molecular Psychology" of personality, pp. 311-327. In O. John, R.W. Robbins, L.A. Pervin (Eds.), *Handbook of Personality: Theory and Research*. New York: Guilford Press.

19. Lesch, K.-P. and Canli, T. (2006). 5-HT1A receptor and anxiety-related traits: Pharmacology, genetics, and imaging, pp. 273-294. In T. Canli (Ed.), *Biology of Personality and Individual Differences*. New York: Guilford Press.

20. Canli, T. (2006). Genomic imaging of extraversion, pp. 93-115. In T. Canli (Ed.), *Biology of Personality and Individual Differences*. New York: Guilford Press.

21. Canli, T (2005). When genes and brains unite: Ethical implications of genomic neuroimaging, pp. 169-184. In J. Illes (Ed.), *Neuroethics: Defining the Issues in Research, Practice and Policy*. New York: Oxford University Press.

<u>Published Datasets</u>

Canli T, Wen R, Wang X, Mikhailik A, Yu L, Fleischman D, Wilson RS, Bennett DA (2016). Differential transcriptome expression in human nucleus accumbens as a function of loneliness. NCBI (National Center for Biotechnology Information) GEO (Gene Expression Omnibus): GSE80696. http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE80696.

Preprints

Chen, Y. W., & Canli, T. (2026). S*ocial Disconnection in the Brain: Loneliness and Age across Networks using Graph Theory.* bioRxiv. https://doi.org/10.64898/2026.02.03.703621

Journal Publications

1. Gonzalez, B., Amoateng, P., Obiri, N.K., and Canli, T. (2026). Comment: Building evidence-based knowledge in traditional medicine provides an opportunity for neuroscientists and traditional medical practitioners. *Nature Mental Health*. DOI https://doi.org/10.1038/s44220-025-00557-6.

2. Koning, S.M., Kessler, C.L., Canli, T., Duman, E.A., Adam, E.K., Zinbarg, R., Craske, M.G., Stephens, J., and Vrshek-Schallhorn, S. (2024). Early-life adversity severity, timing, and context type are associated with SLC6A4 methylation in emerging adults: results from a prospective cohort study. *Psychoneuroendocrinology. 2024 Dec;170:107181. doi: 10.1016/j.psyneuen.2024.107181. Epub 2024 Sep 14.PMID: 39298801*

3. Kajumba, M.M., Kakooza-Mwesige, A., Nakasujja, N., Koltai, D., and Canli, T. (2024). Treatment-Resistant Depression: Molecular Mechanisms and Management. *Molecular Biomedicine*, Oct 17, 5(1):43, doi: 10.1186/s43556-024-00205-y, PMID: 39414710.

4. Canli, T., Alassil, B., and Cameron, M. (2024). Self-reported trauma experiences among Syrian civilians in an active war zone. *Neuropsychiatric Investigation*, 62 (2), 45-54. DOI 10.5152/NeuropsychiatricInvest.2024.23023. Open Access: https://neuropsychiatricinvestigation.org/en/self-reported-trauma-experiences-among-syrian-civilians-in-an-active-war-zone-13666

5. Potenza, M.N., Hutton, J.S., Piotrowski, J.T., Bagot, K., Blumberg, F., Canli, T., Chein, J., Christakis, D.A., Grafman, J., Griffin, J.A., Hummer, T., Kuss, D., Lerner, M., Marcovitch, S., Paulus, M.P., Perlman, G., Romeo, R., Thomason, M.E., Turel, O., Weinstein, A., West, G., and Hurst-Della Pietra, P. (2024). Digital Media and Developing Brains: Concerns and Opportunities. *Current Addiction Reports*, 11(2):287-298. doi: 10.1007/s40429-024-00545-3. Epub 2024 Mar 4.

6. Chagas, A.M., Canli, T., Ziadlou, D., Forlano, P.M., Samaddar, S., Chua, E., Karen A. Baskerville, K.A., Poon, K., and Neuwirth, L.S. (2023). Editorial: Using Open Neuroscience to Advance Equity in the Pedagogy and Research Infrastructure in Colleges/Universities Still Financially Impacted by COVID-19: The Emergence of a Global Resource Network Aimed at Integrating Neuroscience and Society. *The Journal of Undergraduate Neuroscience Education (JUNE)*, 21 (2): E2-E7. doi: 10.59390/JVIC5712. eCollection 2023 Spring. PMID: 37588641

7. Canli, T. (2022). 25 years of Molecular Psychology: The best is yet to come. *Molecular Psychology: Genes, Behavior & Society*.

8. Chen, Y.-W., and Canli, T. (2022). 'Nothing to See Here': No Structural Brain Differences as a Function of Five-Factor Personality Traits from a Systematic Review and Meta-Analysis. *Journal of Personality Neuroscience*.

9. Jurkiewicz, M., Mueller-Alcazar, A., Moser, D., Jayatilaka, I., Mikhailik, A., Ferri, J., Fogelman, N., Canli, T (2021). Integrated microRNA and mRNA Gene Expression in Peripheral Blood Mononuclear Cells in Response to Acute Psychosocial Stress: A Repeated-Measures Within-Subject Pilot Study. *BMC Research Notes*, Jun 3;14(1):222. doi: 10.1186/s13104-021-05635-3. PMID: 34082815

10. Chen, Y.-W., Wengler, K., He, X., and Canli, T. (2021). Individual differences in cerebral perfusion as a function of age and loneliness. *Experimental Aging Research*, May 26:1-23. doi: 10.1080/0361073X.2021.1929748. PMID: 34036895

11. Jurkiewicz, M., Moser, D., Koller, A., Yu, L., Chen, E.I., Bennett, D.A., and Canli, T. (2020). Integration of postmortem amygdala expression profiling, GWAS, and functional cell culture assays: neuroticism-associated synaptic vesicle glycoprotein 2A (SV2A) gene is regulated by miR-133a and miR-218. *Translational Psychiatry*. https://doi.org/10.1038/s41398-020-00966-4

12. Canli, T. (2019). A model of human endogenous retrovirus (HERV) activation in mental health and illness. *Medical Hypotheses*. https://doi.org/10.1016/j.mehy.2019.109404.

13. Fogelman, N., and Canli, T. (2019). Early Life Stress, Physiology, and Genetics: A Review. *Frontiers in Psychology*, 02 August 2019, pp. 1-7, https://doi.org/10.3389/fpsyg.2019.01668

14. He, X., Wengler, K., Bangiyev, L. Canli, T., Duong, T.Q., Schweitzer, M.E. (2019). 3D MRI of Whole-Brain Water Permeability with Intrinsic Diffusivity Encoding of Arterial Labeled Spin (IDEALS). *Neuroimage 189:401-414. doi: 10.1016/j.neuroimage.2019.01.035. PMID: 30682535*.

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Popular Articles

1. T. Canli (2017). APA Science Brief: How loneliness can make you sick. http://www.apa.org/science/about/psa/2017/09/loneliness-sick.aspx
2. Canli, T. (2017). Neurobiologie: Meditation und Tanz als Antidot für Trauma - Wer hätte das gedacht? *Deutsche Gesellschaft für Theatertherapie*.
3. Canli, T. (2008). The character code. *Scientific American Mind*, 52-57, February/March 2008.
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Conferences and Abstracts

1. Gerold, J., Koch, E., Canli, T. (2026, accepted). Assessing Cognitive and Neural Vulnerability to Financial Exploitation in Younger and Older Adults. Oral presentation at the SUNY Graduate Research and Creative Activities Conference (virtual).

2. Dimensions of early-life adversity and SLC6A4 methylation in emerging adults (2022). Koning, S.M., Kessler, C.L., Canli, T., Duman, E.A., Vrshek-Schallhorn, S., Zinbarg, R., Craske, M., Stephens, J., Adam, E.K., International Society for Psychoneuroendocrinology (ISPNE), Chicago, September 8, 2022.

3. Canli, T. (2021). Collecting trauma data in an active war zone: The CIMRO Syria Study. The 7th International East Africa Psychology Conference, October 7th, 2021, Kampala, Uganda.

4. Canli, T. (2021). Loneliness is associated with differential gene expression in the human brain. Society for Social Neuroscience (S4SN) Annual Meeting (virtual), February 2, 2021.

5. Gonzalez, B.L., Chen, Y.-W., and Canli, T. (2021). An fMRI study on the encoding of political fake news. Society for Neuroscience Global Connectome, January 11-13, 2021.

6. Chen, Y.-W. and Canli, T. (2021). 'Nothing to see here': No structural brain differences as a function of neuroticism and extraversion from a systematic review and meta-analysis of gray matter volume studies. Society for Neuroscience Global Connectome, January 11-13, 2021.

7. Kessler, C., Vrshek-Schallhorn, S., Duman, E., Canli, T., Adam, E. (2020). Childhood and adolescent adversity and methylation of stress-related genes in emerging adults. International Society for Psychoneuroendocrinology (ISPNE), Chicago, August 27-29, 2020 (COVID-19 virtual conference)

8. Wengler, K., Chen, K., DeLorenzo, C., Schweitzer, M.E., Canli, T., and He, X. (2019). Blood-Brain Barrier Water Permeability Disruption in Major Depressive Disorder. 105 Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, December 1-6, 2019.

9. Y.-W. Chen and Canli, T. (2019). Loneliness is associated with altered regional cerebral blood flow: An arterial spin labeling imaging study. Annual Meeting of the Society for Neuroscience, Chicago, October 19-23, 2019.

10. B.L. Gonzalez, Y.-W. Chen, and Canli, T. (2019). An fMRI study on the encoding and retrieval of political fake news. Annual Meeting of the Society for Neuroscience, Chicago, October 19-23, 2019.

11. Wengler, K., Chen, K., Canli, T., DeLorenzo, C., Schweitzer, M.E., and He, X (2019). Abnormal blood-brain barrier water permeability in Major Depressive Disorder. ISMRM (International Society for Magnetic Resonance in Medicine) 27th Annual Meeting & Exhibition, 11-16 May 2019, Montréal, QC, Canada.

12. Oh. H., Leung, H.-C., Canli, T., and Slifstein, M. (2019). Differential associations of cortisol plasma level with glucose metabolism, hippocampal atrophy, and amyloid deposition across Alzheimer's disease stages. Human Amyloid Imaging, January 16-18,

2019.

13. Fogelman, N. & Canli, T (2016). *LRPPRC Genotype and Cortisol: Predicting Anxiety.* Poster presented at the 46th Annual Convention for the International Society Psychoneuroendocrinology,September 11, 2016, Miami, FL.

14. Fogelman, N., Mikhailik, A., Mueller-Alcazar, A., Bernard, K., & Canli, T. (May 2016). *5-HTTLPR Genotype by Anxiety-Related Phenotype: The Effect on the HPA Axis.* Poster session presented at the 28th Annual Convention for Psychological Science, Chicago, IL.

15. Fogelman, N., and Canli, T. (2015). A meaningful life is associated with less stress. Association for Psychological Science, New York, NY, May 23-25, 2015.

16. Kattan, D., D'Agostino, A, and Canli T. (2015). Aging is correlated with decreased activation in the left superior temporal sulcus in a theory of mind task. Association for Psychological Science, New York, NY, May 23-25, 2015.

17. McGee, D., Nia Fogelman, N. and Canli, T. (2015). Serious Illness and Perceived Anxiety in Relation to Cortisol Responsivity. Undergraduate Research and Creative Activities (URECA). Stony Brook, NY, April 29, 2015.

18. Lubomir, E., Fogelman, N. and Canli, T. (2015). The Relationship between childhood trauma, resilience and baseline cortisol in a cohort of young men. Undergraduate Research and Creative Activities (URECA). Stony Brook, NY, April 29, 2015.

19. D'Agostino & Canli, T. (2015). Older Adult Social Network Size Relates to Neural Processing of Social Stimuli. Eastern Psychological Association (EPA), Philadelphia, PA, March 5-7, 2015.

20. Ferri, J., Proudfit, G.H., and Canli, T. (2014). Relationship between LPP magnitude and BOLD activation during emotional processing and attentional deployment. 54th Annual Meeting of the Society for Psychophysiological Research, Atlanta, Georgia, September 10-14, 2014.

21. Ferri, J., Schmidt, J., Proudfit, G.H., Canli, T. (2014). Amygdala-precuneus connectivity during attentional deployment is associated with compliance and trait reappraisal. Poster presented at Association for Psychological Science, San Francisco, CA, May 22-25, 2014.

22. Fogelman, N., Ferri, J., Mueller-Alcazar, A., Canli, T. (2014). Stressful live events and acute stress cortisol reactivity. Poster at the 26th Annual Convention of the Association for Psychological Science, San Francisco, CA, May 22-25, 2014.

23. Ferri, J., Izzi, S., and Canli, T. (2014). Telomere length is associated with stress-related activation of the ACC and hippocampus. Annual Eastern Psychological Association meeting, Boston, March 13-16, 2014.

24. Fogelman, N., Ferri, J., Mueller-Alcazar, A., and Canli, T. (2014). The Impact of Positive and Negative Life Events on Acute Stress Response. Annual Eastern Psychological Association meeting, Boston, March 13-16, 2014.

25. Mueller-Alcazar, A., Ferri, J., Jurkiewicz, M., Mikhailik, A. & Canli, T. (2014). Allele-specific FKBP5 impact on the human stress response in healthy subjects. Poster at American Psychosomatic Society meeting, San Francisco, March 12-15, 2014.

26. Ferri, J., Schmidt, J., Hajcak, G., Canli, T. (2013). Neural markers of emotional processing and attentional deployment. Society for Psychophysiological Research, Florence, Italy, October 2-6, 2013.

27. Ferri, J., Schmidt, J., Hajcak, G., Canli, T. (2013). Attentional deployment and task compliance modulate the neural response to unpleasant pictures. Poster presented at Association for Psychological Science, Washington DC, May 23-26, 2013.

28. Chahili, G., Ferri, J., Proudfit, G., Canli, T. (2013). The impact of picture duration on neural activity. Poster presented at Explorations in STEM Research Conference. Stony Brook, NY.

29. Huang, S., Ferri, J., Proudfit, G., Canli, T. (2013). Stay Focused! Fixations to arousing regions of an unpleasant image increase subjective negative affect. Poster presented at Undergraduate Research and Creative Activities Conference. Stony Brook, NY.

30. Duman E. A. and Canli T. (2012). Impact of early life stress and 5-HTTLPR on serotonin transporter methylation and HPA reactivity. Oral presentation accepted for the Society for Neuroscience Annual Meeting, New Orleans, October 13-17 2012.

31. Duman E. A. and Canli T. (2012). Early life stress and methylation of the serotonin transporter in healthy Caucasian men. Oral presentation in the 18th International Conference on Neuroscience and Biological Psychiatry, Stress and Behavior, New Orleans, June 22-24 2012.

32. Odynocki N., Duman E. A., and Canli T. (2012). Effect of 5-HTTLPR and self-esteem on cortisol response to acute psychosocial stress. Poster presentation in Undergraduate Research and Creative Activities Conference, Stony Brook, April 25, 2012.

33. Mueller, A., Jurkiewicz, M., Ferri, J., Izzi, S., Johns, C., Wu, X., Stone, A.A. & Canli, T. (2012). MicroRNA profiling of the human stress response. Poster presented at ISPNE, New York, NY, September 11, 2012.

34. Ferri, J., Schmidt, J., Hajcak, G., Canli, T. (2012). Attentional deployment modulates the neural response to unpleasant stimuli. Society for Psychophysiological Research, New Orleans, September 19-23, 2012.

35. Jurkiewicz, M., Moser, D., and Canli, T. (2011). Gene Regulatory Mechanisms associated with Trait Anxiety in Human Postmortem Amygdala. Annual Meeting of the Society for Neuroscience, Washington, D.C., November 12-16, 2011.

36. Ferri, J., Hajcak, G., and Canli, T. (2011). Attentional deployment modulates the neural response to unpleasant stimuli. Annual Meeting of the Society for Neuroscience, Washington, D.C., November 12-16, 2011.

37. Mueller, A., Ferri, J. and Canli, T. (2011). Neural and endocrine activity in response to an acute psychosocial stressor Annual Meeting of the Society for Neuroscience, Washington, D.C., November 12-16, 2011.

38. Asif, B., Ferri, J., Proudfit, G., Canli, T. (2013). What are you looking at? Attentional deployment effects in Emotion Regulation. Poster presented at Undergraduate Research and Creative Activities Conference. Stony Brook, NY.

39. Dougherty, L. R., Klein, D. N., Cogndon, E., Olino, T. M., Dyson, M., Rose, S., & Canli (2009). Increased waking salivary cortisol and depression risk in preschoolers. International Society for Research on Child and Adolescent Psychopathology (ISRCAP), June 2009, Seattle, Washington.

40. Omura, K., Amin, Z., Epperson, C.N., Constable, R.T., and Canli, T. (2007). Estrogen enhanced the left midfusiform gyrus – amygdala connectivity associated with arousal to emotional negative words. Annual Meeting of the Society for Neuroscience, San Diego, November 3-7, 2007.

41. Congdon, E., Sisante, J.F., Lesch, K.P., Canli, T. (2007). Monoamine Oxidase A Gene Promoter Variation and Negative Life Events Interact to Influence Aggression, not Impulsivity, in Healthy Adults. Annual Meeting of the Society for Neuroscience, San Diego, November 3-7, 2007.

42. Congdon, E., Sisante, J.F., Lesch, K.P., Canli, T. (2007). Analysis of DRD4 and DAT polymorphisms and behavioral inhibition in healthy adults: Implications for impulsivity. Cognitive Neuroscience Annual Meeting, New York, May 5-8, 2007.

43. Qiu, M., Canli, T., Omura, K., Congdon, E., Haas, B.W., Amin, Z., Lesch, K.P., Constable, R.T. (2007). 5-HTTLPR Genotype modulates the whole brain basal neuronal activity as indicated by global CBF measured with ASL MRI. ISMRM (International Society for Magnetic Resonance in Medicine), Berlin, Germany, May 1-25, 2007.

44. Haas, B., Omura, K., Constable, R.T., and Canli, T. (2006). Anxious but not depressive neuroticism is associated with amygdala and subgenual anterior cingulate response to emotional conflict. Society for Neuroscience Abstracts, 32.

45. Omura, K., Amin, Z., Epperson, C.N., Constable, R.T., and Canli, T. (2006). Menstrual cycle modulates amygdala-prefrontal connectivity associated with arousal to emotional pictures. Society for Neuroscience Abstracts, 32.

46. Canli, T, Congdon, E., Omura, K., Constable, R.T., and Lesch, K.P. (2006). Interaction of 5-HTTLPR polymorphism and life stress modulates amygdala reactivity. Cognitive Neuroscience Annual Meeting, San Francisco, CA, April 8-11, 2006.

47. Amin, Z., Constable, R.T., Epperson, N., and Canli, T. (2006). Plasma estradiol level is associated with brain activation during emotional response inhibition. Cognitive Neuroscience Annual Meeting, San Francisco, CA, April 8-11, 2006.

48. Haas, B.W., Constable, R.T., and Canli, T. (2006). Affiliative and agentic extraversion map onto dissociated neural networks in response to affective facial expressions. Cognitive Neuroscience Annual Meeting, San Francisco, CA, April 8-11, 2006.

49. Canli, T., Omura, K., Haas, B.W., Fallgatter, A., Constable, R.T., and Lesch, K.P. (2005). Beyond Affect: A Role for Genetic Variation of the Serotonin Transporter in Neural Activation during a Cognitive Attention Task. Society for Neuroscience Abstracts, 31.

50. Omura, K., Constable, R.T., and Canli, T. (2005). Gray Matter Density of Amygdala Associated with Extraversion and Neuroticism. Society for Neuroscience Abstracts, 31.

51. Congdon, E. Constable, R.T., and Canli, T. (2005). An fMRI investigation of neural networks differentially associated with behavioral versus cognitive inhibition. Society for Neuroscience Abstracts, 31.

52. Haas, B., Amin, Z., Constable, R.T., and Canli, T. (2005). Extraversion predicts increased functional connectivity in the anterior cingulate during the processing of positively valenced verbal stimuli. Society for Neuroscience Abstracts, 31.

53. Goldin, P. Canli, T., Gabrieli, J., and Gross, J. (2005) Neural substrates of eye gaze and social evaluative perspective in generalized social anxiety disorder. Anxiety Disorders Association of America, 25th Annual Conference, Seattle, WA, March 17-20, 2005.

54. Canli, T., Constable, R.T., and Lesch, K.P. (2005). A neural marker for depression vulnerability: Subgenual anterior cingulate hypoactivity in healthy carriers of the short allele of the 5-HT transporter gene polymorphism. Cognitive Neuroscience Annual Meeting, New York City, New York, April 10-12, 2005.

55. Omura, K. and Canli, T. (2005). A novel approach for localizing regions of interest in imaging studies of individual differences. Cognitive Neuroscience Annual Meeting, New York City, New York, April 10-12, 2005.

56. Amin, Z., Constable, R.T., and Canli, T. (2005). Gender differences in the implicit processing of emotional faces: A region of variance approach. Cognitive Neuroscience Annual Meeting, New York City, New York, April 10-12, 2005.

57. Congdon, E., Constable, R.T. , and Canli, T. (2005). Investigating impulsivity: A comparative analysis of four response inhibition tasks using functional magnetic resonance imaging. Cognitive Neuroscience Annual Meeting, New York City, New York, April 10-12, 2005.

58. Haas, B.W., Constable, R.T., Lesch, K.P., and Canli, T. (2005). Inferior parietal lobule activation to emotional conflict varies as a function of 5HT1A receptor gene polymorphism. Cognitive Neuroscience Annual Meeting, New York City, New York, April 10-12, 2005.

59. Congdon, E., Canli, T., and Lesch, K.P. (2004). Defining and measuring the impulsivity endophenotype: Relationship between impulsivity and polymorphisms of serotonin and dopamine system-related genes. Conference on the Biological Basis of Personality and Individual Differences, Stony Brook University, August 13-15, 2004.

60. Haas, B., Constable, R.T., and Canli, T. (2004). Personality-dependent variance in functional connectivity between amygdala and other regions. Conference on the Biological Basis of Personality and Individual Differences, Stony Brook University, August 13-15, 2004.

61. Omura, K. and Canli, T. (2004). Variance maps as a novel tool for localizing regions of interest in imaging studies of individual differences. Conference on the Biological Basis of Personality and Individual Differences, Stony Brook University, August 13-15, 2004.
62. Canli, T., Amin, Z., and Lesch, K.P. (2004). Anterior cingulate activation to negative stimuli during an emotional attention task varies with 5-HT transporter gene polymorphism. Society for Neuroscience Abstracts, 30.

63. Haas, B., Constable, R.T., and Canli, T. (2004). An fMRI Study of the relative influences of conflict and affect on the anterior cingulate. Society for Neuroscience Abstracts, 30.

64. Congdon, E., Canli, T., and Lesch, K.P. (2004). Relationship between impulsivity and polymorphisms of serotonin and dopamine genes. Society for Neuroscience Abstracts, 30.

65. Gotlib, I.H., H. Sivers, M. Shah, P.R. Goldin, T. Canli, J. D.E. Gabrieli, and R. Cooney (2003). Neural activations in the processing of emotion faces predict recovery from depression. Society for Research in Psychopathology. Toronto, October 2003.

66. Canli , T., B. Haas, Z. Amin, and R.T. Constable (2003). An fMRI study of personality traits during performance of the emotional Stroop task. Society for Neuroscience Abstracts, 29.

67. Amin, Z., R.T. Constable, and T. Canli (2003). An fMRI study of attentional bias for valenced stimuli as a function of personality. Society for Neuroscience Abstracts, 29.

68. Congdon, E., Z. Amin, R.T. Constable, and T. Canli (2003). Individual differences in brain responses to emotional facial expressions: Using fMRI to predict effects of TMS. Society for Neuroscience Abstracts, 29.

69. Sivers, H., A. Tso, M. Shah, T. Canli, J.D.E. Gabrieli and I.H. Gotlib (2002). Neural response to emotional faces in remitted depressed individuals. Cognitive Neuroscience Society, April 14-16, 2002, San Francisco.

70. Gotlib, I.H., H. Sivers, T. Canli, K. L. Kasch, and J.D.E. Gabrieli (2001). Neural activation in depression in response to emotional stimuli. Society for Research in Psychopathology, November 1-4, 2001, Madison, Wisconsin.

71. Sivers, H., T. Canli, M.E. Thomason, J.D.E. Gabrieli, and I.H. Gotlib (2001). Neural ccorrelates of estimates of performance feedback in major depression. Society for Neuroscience Abstracts, 27.

72. Canli, T., H. Sivers, K. Kasch, P. Osborn, J.D.E. Gabrieli and I.H. Gotlib (2001). An fMRI study of information processing in depression: the role of affective state. Society for Neuroscience Abstracts, 27, 560.6.

73. Thomason, M.E., T. Canli, H. Sivers. M.M. Keane, J.D.E. Gabrieli, and I.H. Gotlib (2001). An fMRI study of emotional word processing in major depression. Society for Neuroscience Abstracts, 27, 560.5.

74. Mather, M., T. Canli. T. English, G. Golarai, D. Fleischman, J.D.E. Gabrieli, and L.L. Carstensen (2001). An fMRI study of age-related changes in encoding and remembering emotional material. Society for Neuroscience Abstracts, 27.

75. Ochsner, K.N., S. A. Bunge, T. Canli, J. Gross, and J.D.E. Gabrieli (2001). Emotional re-appraisal activates dorsal lateral and medial prefrontal cortex. Society for Cognitive Neuroscience, March 25-27, 2001, New York.

76. Sivers, H., Canli, T., Benson, E., Gabrieli, J.D., Bower, G.H. and Gotlib, I (2001). Neural response to performance feedback in depressed and psychologically healthy adults. Society for Cognitive Neuroscience, March 25-27, 2001, New York.

77. Canli, T., E. Benson, and J.D.E. Gabrieli (2000). Event-related activation in the amygdala correlates with emotional memory: a comparison between men and women. Society for Neuroscience Abstracts, 26, 754.7.

78. Benson, E.S., H. Sivers, T. Canli, M. Keane, I. Gotlib, and J.D.E. Gabrieli (2000). FMRI of cognitive bias in depression and social phobia. Society for Neuroscience Abstracts, 26, 754.1.

79. Canli, T., J. Brewer, Z. Zhao, J. D.E. Gabrieli and L. Cahill (1999). Event-related fMRI shows item-specific encoding of emotional memory in the amygdala. Society for Neuroscience Abstracts, 25.

80. Canli, T., Z. Zhao, G. Glover, and J. D.E. Gabrieli (1998). Amygdala activation at encoding correlates with long-term recognition memory for emotional pictures: an fMRI study. Society for Neuroscience Abstracts, 24.

81. Canli, T., J.E. Desmond, G. Glover, J.M. Bailey, and J. D.E. Gabrieli (1997). Brain activation in response to biologically relevant affective stimuli: an fMRI study. Society for Neuroscience Abstracts, 23.

82. Canli, T., J.E. Desmond, G. Glover, E. Kang, J. Gross, and J.D.E. Gabrieli (1997). An fMRI study of emotion processing: Correlations with personality measures. Society for Cognitive Neuroscience, 4.

83. Canli, T., J. Desmond, G. Glover, J. Gross, and J.D.E. Gabrieli (1996). An fMRI study of emotion processing: Valence-dependent hemispheric lateralization. Society for Neuroscience Abstracts, 22, 176.2.

84. Lam, Y.-W., A. Wong, T. Canli, and T.H. Brown (1995). Conditioned enhancement of the early component of the rat eyeblink reflex. Society for Neuroscience Abstracts, 21, 479.18.

85. Canli, T., and T.H. Brown (1994). Amygdala stimulation facilitates the eyeblink response in the rat. Society for Neuroscience Abstracts, 20, 414.14.

86. Canli, T., J. Anthony, and N.H. Donegan (1992). A possible mechanism for associatively decrementing US processing in rabbit eyeblink conditioning. Society for Neuroscience Abstracts, 18, 146.4.

87. Canli, T., K. Whitney and N.H. Donegan (1991). Effects of red nucleus stimulation on a Pavlovian unconditioned response (rabbit eyeblink). Society for Neuroscience Abstracts, 17, 130.11.

88. Canli, T., W.M. Detmer and N.H. Donegan (1990). Potentiation and diminution of a Pavlovian UR as a function of the CS-US interval in training and testing. Society for Neuroscience Abstracts, 16, 367.1.

Invited Talks

1. *A brief history and current issues in Neuroethics*. Grand Rounds, Center for Medical Humanities, Bioethics, Stony Brook University, March 7, 2025.

2. *Neurogenethics*. Yobe State University Summer School, Nigeria, August 28, 2023 (virtual talk).

3. *The biology of loneliness and Purpose in Life*. SUNY Old Westbury, NY, March 15,2023 (virtual talk).

4. *Global brain health in times of war and forced migration*. Sai University, India, December 4, 2022 (virtual talk).

5. *PTSD and Epigenetics: The war lecture*. Webster University Geneva campus, Geneva, Switzerland, July 9, 2022 (virtual talk).

6. *Loneliness and Purpose in Life: A biopsychosocial perspective*. Webster University Geneva campus, Geneva, Switzerland, March 31, 2022 (virtual talk).
7.

8. Canli, T. (2021). Collecting trauma data in an active war zone: The CIMRO Syria Study. The 7th International East Africa Psychology Conference, Kampala, Uganda, October 7th, 2021, (virtual talk).

9. *Loneliness and Purpose in Life: Biological Mechanisms affecting health*. Science and Ethics for Happiness and Well-being, Columbia University, Center for Sustainable Development, New York, May 6, 2019.

10. *A one-day Research Certification Workshop in the Neurobiology of Trauma*. Gaziantep, Turkey, July 2, 2018.

11. *A brief history of Molecular Psychology.* University of Kisubi, Entebbe, Uganda, September 25, 2017.

12. *The neuroscience of refugee mental health*. OCON (Our City of Nations) Conference, Milwaukee, June 13, 2017.

13. *Refugee mental health from the perspective of neuroscience and genetics*. The United Nations University – Maastricht Economic and Social Research Institute on Innovation and Technology (UNU-MERIT), The Netherlands, May 19, 2017.

14. *Twenty-six novel genes related to trait anxiety*. ROS/MAP Meeting, Rush Medical Center, Chicago, IL May 4, 2017.

15. *Behavioral health and war trauma*. Frontline Mental Health Self Care Conference, Kampala, Uganda, April 20, 2017.

16. *Three pillars of needs assessment in Neuroscience: space, time, and light*. Conference on Measuring and Assessing Skills, Human Capital and Economic Opportunity (HCEO) Working Group, The University of Chicago, Chicago, IL, The Netherlands, May 21, 2017.

17. *Keynote Address: The refugee mental health crisis: surprising facts from neuroscience and genetics*. The Azzazz Foundation for Refugee Education and Development, Toronto, ON, Canada, February 7, 2017.

18. *Symposium on genetic and epigenetic pathways to stress-related diseases: Discovery of neuroticism-associated genes from postmortem amygdala*. International Society for Psychoneuroendocrinology (ISPNE), Miami, September 10, 2016.

19. *Symposium: Frontiers in Cognitive Neuroscience: An "integrative neuroscience" approach to individual differences in emotion, personality, and social cognition.* Max Planck Institute for Cognitive Neuroscience, Leipzig, Germany, February 22, 2016.

20. *Missing heritability of human traits: integrating gene expression in postmortem brain with behavioral, neural, and cellular validation*. MRC/Wellcome Trust Behavioural and Clinical Neuroscience Institute (BCNI) at the University of Cambridge, U.K., July 13, 2015.

21. *Depression: Could pathogens play a causal role in its etiology?* International Society for Research on Emotion (ISRE 2015), Geneva, Switzerland. July 8, 2015.

22. *Novel Genes Associated with Trait Anxiety: From Postmortem Discovery to Experimental and Clinical Validation.* Max Planck Institute for Psychiatry, Munich, Germany, July 6, 2015.

23. *Assessment of gene-environment interactions in the Trier Social Stress Test*. Department of Psychology, Technical University Dresden, Germany, July 1, 2015

24. *"Purpose in Life" as a Psychosocial Resource: Regulator of social stress reactivity and gene expression in DLPFC and nucleus accumbens.* ROS/MAP Meeting, Rush Medical Center, Chicago IL, June 17, 2015.

25. *Novel Genes Associated with Trait Anxiety: From Postmortem Discovery to Clinical Validation*. APS Symposium: The Value of Traits in Clinical Science, Association for Psychological Science (APS), New York, May 23, 2015.

26. *Depression Reconceptualized as an infectious disease.* Canadian Depression Research & Intervention Network (CDRIN), Ottawa, Canada, February, 24, 2015.

27. *Lonely and Scared: An integrative approach to gene discovery in the human brain.* University of Groningen, The Netherlands, February 17, 2015.

28. *Is Depression an infectious disease?* TEDxStony Brook, November 14,2014.

29. *Molecular Psychology and Systems Biology of Nucleus Accumbens and Amygdala*. 2013 McGovern Lecture, Beijing University, Beijing, China, October 24, 2013.

30. *Loneliness and the Nucleus Accumbens*. ROS/MAP Meeting, Rush Medical Center, Chicago IL, May 27, 2013.

31. *A workshop on the regulation of gene expression through social and life stress experiences*. 2013 ICNC Cultural Neuroscience Conference, Northwestern University, Evanston IL, May 10-12, 2013.

32. *Gene Regulation in the Trier Social Stress Test.* Festschrift for Professor Dirk Hellhammer, Muehlheim an der Mosel, Germany, June 30, 2012.

33. *Gene regulation in the human brain*. Fourth Annual Conference of the International Giessen Graduate School for the Life Sciences, Justus Liebig Universität, Giessen, Germany, September 22, 2011.

34. *The molecular psychology of decision-making.* Behavioral × Biological Economics and the Social Sciences Laboratory, National University of Singapore, Singapore, June 14, 2011.

35. *An Introduction to Molecular Psychology*. Faculty of Education, Graduate School of Education, Kyoto University, Kyoto, Japan, June 8, 2011.

36. *Integrating genes, brains, and social behavior*. "Genetic, Cellular, and Cognitive Approaches to Understanding Social Behavior": The 15th Annual Meeting of the ASSC Kyoto, Social Neuroscience Satellite Joint Tamagawa – Caltech Lecture Course 2011, Kyoto, Japan, June 7, 2011.

37. *An integrative approach to studying gene-behavior associations in the human brain*. Selected Talks Session. Genes, Brain & Behavior 13th Annual Meeting of the International Behavioural and Neural Genetics Society (IBANGS), Rome, Italy, May 11-14, 2011.

38. *Systems biology meets psychology*. Wuerzburg Spring School, Schloss Schwanberg in Roedelsee, Germany, April 14, 2011.

39. *Gene expression in the human brain*. 2011 Annual Spring School of the German Society for Psychophysiology, Schloss Rheinfels, St. Goar, Germany, March 23, 2011.

40. *A novel approach to studying gene-behavior relations: Epilepsy, anxiety and gene regulation in the hippocampus*. Department of Epileptology, Life & Brain Center, University of Bonn, Germany, March 21, 2011.

41. *A novel approach to GxE: Beyond DNA and candidate genes.* Symposium on "Kurt Lewin 2.0: Gene by Environment interactions in personality, culture, and emotion", Annual Meeting of the Society for Personality and Social Psychology. San Antonio, Texas, January, 29, 2011.

42. *Biological bases of personality: Using biology to infer causality*. Spencer Foundation/Institute for New Economic Thinking conference "Beyond Correlation in the

Study of Personality: Associations, Investments and Interventions". University of Chicago, Chicago, IL, December 10th, 2010.

43. *Linking genes to brains to behavior*. National Institute on Aging Division of Behavioral and Social Research Workshop on Economic Phenotypes. Kellogg School of Management, Northwestern University, Evanston, IL, October 14, 2010.

44. *Molecular psychology: Neuroimaging of gene-environment interaction in personality*. Stockholm Brain Institute, Karolinska Institute, Stockholm, Sweden, September 2nd, 2010.

45. *From SNPs to epigenetic regulation of stress reactivity: new horizons*. Dresden Spring School, Technische Universität Dresden, Germany, March 19, 2010.

46. *Neuroimaging of gene-environment interaction in personality*. St. John's University, Jamaica, NY, March 17, 2010.

47. *Neuroimaging of gene-environment interaction in personality*. University of Massachusetts, Amherst, December 10th, 2009.

48. *How life leaves its fingerprints on the genome – The end of genetic determinism*. Panel Discussant on "Nature and Nurture: Their Contributions to Behavior", DeVos Medical Ethics Colloquy on Nature and Nurture. Grand Rapids, MI, September 28, 2009.

49. *The state of molecular psychology*. Bilgi University, Istanbul, Turkey, September 17, 2009.

50. *Gene-environment interaction and the serotonin transporter gene polymorphism.* Annual Congress of the European College of Neuropsychopharmacology (ECNP), Istanbul, Turkey, September 16, 2009.

51. *The neural basis of gene-environment interactions*. 36th International Congress of Physiological Science, Kyoto, Japan, July 27, 2009.

52. *Towards epigenetic mechanisms in the human brain*. Experimental Neuropsychology and Cognition Research Center (Centre de Recherche En Neuropsychologie expérimentale et Cognition-CERNEC), l'Université de Montréal, Canada, April 24, 2009

53. *Neuroimaging of gene-environment interactions*. Columbia University, New York, NY, April 15, 2009.

54. *Neuroimaging of gene-environment interactions*. Northwestern University, Evanston, IL, April 2, 2009.

55. *Imaging genetics of neuroticism – A role for life stress.* Spring School: The ABC of Stress. University of Dresden, Germany, March 19, 2009.

56. *Imaging genetics of neuroticism*. 12th Annual Scientific Research Symposium sponsored by the Anxiety Disorders Association of America, Albuquerque, NM , March 13, 2009.

57. *Neurogenetics of gene-environment interactions.* Pennsylvania State University, Philadelphia, PA, February 25, 2009.

58. *The molecular psychology of human emotionality.* International Symposium on the Neuroscience of Emotion. Keio University, Tokyo, Japan, February 9, 2009.

59. *Serotonergic regulation of affect and personality*. Department of Clinical Neuroscience, Sahlgrenska Academy, University of Gothenburg, Sweden, November 6, 2008.

60. *Imaging genomics*. Workshop on Biology of Social Cognition, Cold Spring Harbor Laboratory (CSHL), July 14-20, 2008.

61. *Opportunities for advancing behavioral and social research on aging: An introduction for psychological scientists*. Association for Psychological Science (APS) Pre-Conference Workshop, Chicago, IL, May 22, 2008.

62. *Brain imaging of gene x environment interactions*. Society for the Study of Motivation Meeting (Pre-conference associated with Association for Psychological Science), Chicago, IL, May 22, 2008.

63. *Neurogenetics of neuroticism and depression vulnerability*. American Psychosomatic Society (APS) 66th Annual Meeting, Baltimore, MD, March 12-15, 2008.

64. *Neuroimaging of gene-environment interactions in affective processing*. European Molecular Biology Laboratory (EMBL), Monterotondo, Italy, March 5, 2008.

65. *Neuroethics of transcranial magnetic stimulation*. Present and future of TMS. Safety and Ethical Guidelines. Certosa di Pontignano, Siena, Italy, March 6-9, 2008.

66. *A neural model of gene-environment interactions in affective processing*. Chair: Genetic Contributions to Affect. Emotion Pre-Conference, Society for Personality and Social Psychology (SPSP), Albuquerque, NM, February 7, 2008.

67. *Neurogenetics of personality*. Tamagawa-Caltech Joint Workshop "Neural Mechanisms of Social Mind", Brain Science Institute, Tamagawa University, Tokyo, Japan, December 7, 2007.

68. *Gene-environment interactions: Neurogenetics of personality.* Department of Psychology, Yale University, November 29, 2007.

69. *Neural mechanisms for gene-environment interactions and their implications*. Roundtable Discussion on: *Genes for mental phenomena - implications for society*. Annual Meeting of the Society for Neuroscience, San Diego, November 7, 2007.

70. *Closing Lecture: Vulnerability for psychopathology: current trends in genomic imaging*. 43rd National Psychiatry Congress, Istanbul, Turkey, October 27, 2007.

71. *Workshop: Designing a research study in genomic imaging.* 43rd National Psychiatry Congress, Istanbul, Turkey, October 27, 2007.

72. *Genes and Emotions*. Fatih University, Istanbul, Turkey, October 25, 2007.

73. *Current issues in genomic imaging.* Department of Psychiatry, University of Würzburg, Würzburg, Germany, October 6-9, 2007.

74. *Neurogenetics of emotion and personality.* Graduate Kolleg Summer School of the University of Würzburg, Kloster Bronnbach, Germany, October 8, 2007.

75. *Neuroethics – An Overview*. Brazilian Congress of Bioethics, Sao Paulo, Brazil, August 27, 2007.

76. *Genomic psychology*. Summer Institute in Social Neuroscience. University of California, Santa Barbara, June 26, 2007.

77. *Genes and affec*t. Cold Spring Harbor Laboratory Summer Course on "Molecular Mechanisms of Arousal and Attention". Cold Spring Harbor, Banbury Center, June 23, 2007.

78. *Neuroticism as a risk factor for depression: A neural model of gene-environment interaction*. Symposium on: Cognitive, Neural, and Genetic Components of Mood-Related and Personality Pathology, Association for Psychological Science (APS) Annual Convention, Washington, D.C., May 27, 2007.

79. *Neural correlates of epigenetics.* Society for Biological Psychiatry. 62nd Annual Scientific Convention and Meeting, San Diego, CA, May 17, 2007.

80. *Smart drugs go to war.* The Neuroethics of Enhancement: how smart are smart drugs? Dana Foundation, Washington, D.C., May 14, 2007.

81. *Genes, brains, and behavior: Genomic psychology.* F.C. Donders Centre for Cognitive Neuroimaging, Nijmegen, The Netherlands, May 11, 2007.

82. *Genes and affective processing*. Advanced Study Initiative (ASI) on Integrating Imaging and Genetics in Cognitive Research, Royal Academy of Science, Amsterdam, The Netherlands, May 10, 2007.

83. *Neural correlates of emotion and personality: the role of gene-environment interactions,* Department of Psychology, University of California, Berkeley, January 16, 2007

84. *Neural correlates of emotion and personality: the role of gene-environment interactions,* Magnetic Resonance Research Center, Yale University, January 11, 2007.

85. Chair and Panelist: Session on "The body/mind shop". Seventh international joint conference on Science and Society: "Genes, Brain/Mind and Behaviour". Co-sponsored by The European Molecular Biology Laboratory (EMBL) and the European Molecular Biology Organization (EMBO). Heidelberg, Germany, November 3-4, 2006.

86. Discussant: *Neuroscience applications in the U.S. Army.* Workshop on Opportunities in Basic Research in the Behavioral and Social Sciences for the U.S. Military. The National Academies, Washington, D.C., October 24, 2006.

87. *Neuroscience applications in Aviation Security*. AVSEC (Aviation Security) World, Sydney, Australia, October 18, 2006.

88. *The serotonin transporter polymorphism - Neural correlates of action and epigenesis,* Department of Psychology, Yale University, October 12, 2006.

89. *Neurogenetics of personality and affect*. Mahoney Institute of Neurological Science. University of Pennsylvania, October 3, 2006.

90. Organizer, Chair, and Panelist. *Neuroscience and Neuroethics in the War on Terror*. First International Workshop in Neuroethics and Homeland Security. Tufts University and The Boston Museum of Science, September 29, 2006.

91. *The neurogenetic basis of personality.* Annual Meeting of the Society for the Study of Evolution, Stony Brook University, June 23-27, 2006.

92. *The biology of personality: Genetic influences on the brain.* Invited Lecture, Long Island Psychology Conference, Hofstra University, April 30, 2006.

93. Alumni Recognition Award Lecture: *The Politics of Fear: What is there to fear*? EPIIC Symposium on *The Politics of Fear*, Tufts University, February 23, 2006.

94. *Neurogenetic mechanisms of affect processing in personality*. Symposium on Individual Differences in Emotional Processing: Behavioral, Neural, and Genetic Mechanisms. Annual Meeting of the Society for Personality and Social Psychology, Palm Springs, January 26-28, 2006.

95. *Molecular-genetic mechanisms of emotional brain reactivity*. The 3rd Takeda PharmaScience Foundation Symposium on Frontiers in Neuro-PharmaSciences: Molecular Pathogenesis and Drug Action. Tokyo, Japan, December 6, 2005; Center of Excellence, University of Tsukuba, Japan, December 9, 2005.

96. *Neurogenetic foundations of personality*. Princeton University, Seminar Series on "Social Decision-making", November 29, 2005.

97. *Homeland security and neuroscience: a neuroethics perspective*. EPIIC (Education for Public Inquiry and International Citizenship) Colloquium on Politics of Fear. Tufts University, October 18, 2005.

98. *Opening Lecture: Genomic imaging of personality: Towards a molecular neurobiology of neuroticism.* Annual Meeting of the German Society for Psychology. University of Marburg, Germany, September 26-27, 2005.

99. *Amygdala activation as a function of serotonergic gene variation: Case studies from the 5-HTT. HTR1A, and TPH2 polymorphisms*. Department of Psychiatry, University of Würzburg, Germany, September 23, 2005.

100. *Genomic imaging of personality*. Magnetic Resonance Research Center, Yale University, May 19, 2005.

101. *Genomic imaging of personality*. Genetics Program Retreat at the Stony Brook Sunwood Estate on Friday, January 21, 2005.

102. *Brain mapping of personality.* Department of Medicine. Brookhaven National Laboratories, November 18, 2004.

103. *Brain mapping of personality.* Minisymposium on Individual Differences in Brain-Behavior Relationships. 34th Annual Meeting of the Society for Neuroscience, San Diego, California, October 23-27.

104. *Deconstructing neuroticism: gene-brain interactions during an emotional attention task.* Invited Symposium chair, Annual Convention of the Society for Experimental Social Psychology, Fort Worth, Texas, October 16, 2004.

105. *Imaging genomics of emotion*. Leipzig Workshop on Advances in the Cognitive Neuroscience of Emotional Communication, Max Planck Institute for Human Cognitive and Brain Science, Leipzig, Germany, September 4, 2004.

106. *Gene-brain associations in personality*. Conference on the Biological Basis of Personality and Individual Differences, Stony Brook University, August 13, 2004.

107. *Neuroethics of personality neuroscience*. New York Academy of Sciences, New York, July 23, 2004.

108. *Towards molecular mechanisms of extraversion and neuroticism.* Department of Psychology, Johns Hopkins University, June 24, 2004.

109. *Brain mapping of extraversion and neuroticism: An individual differences approach*. American Psychological Society, 16th Annual Convention, Chicago, IL, May 28, 2004.

110. *Mapping genetic influences on emotional brain reactivity*. Cognitive Neuroscience Colloquium, New York University, April 2, 2004.

111. *Genetic polymorphisms and the neural basis of affective cognition*. Institute for Research in Cognitive Science Colloquium Series, University of Pennsylvania, February 27, 2004.

112. *Imaging genomics*. Department of Psychiatry, University of Würzburg, Germany, January 19, 2004.

113. *Emotional memory and personality*. Conference on 'Learning and the Brain'. Harvard University/MIT, Boston, MA, November 6, 2003.

114. *Cognitive-affective brain processes: The role of personality traits*. Workshop on Culture, Emotion and the Brain, Department of Psychology, Harvard University. June 23, 2003.

115. *Brain mapping of personality*. Department of Psychology, University of Pittsburgh, February 12, 2003.

116. *Brain mapping of personality*. Department of Neurobiology, SUNY Stony Brook, February 20, 2003.

117. *Brain mapping of personality*. Swarthmore College February 21, 2003.

118. *Brain mapping of personality*. Department of Radiology, Yale University, April 10, 2003.

119. *The integration of personality and affective-cognitive processing*. Association for Research in Personality, Los Angeles, February 3rd, 2003.

120. *Neural substrates of personality traits*. International Symposium on Networks and Behavior, National Centre for Biological Sciences, Bangalore, India. January 3-6, 2003.

121. *Studies of the biological basis of personality: Integrating multiple brain mapping approaches*. Series in Social and Affective Neuroscience, Department of Psychology, Harvard University, Dec 13, 2002.

122. *Studies of the biological basis of personality: Integrating multiple brain mapping approaches*. Department of Psychology, Tufts University, Dec 12, 2002.

123. *Functional brain imaging of personality: Traits as emerging properties*. Institute of Cognitive Neuroscience and Social Genetic and Developmental Psychiatry Research Center, Institute of Psychiatry, London, England. July 3rd and 4th, 2001.

124. *Brain and the law: Current work in neuroimaging*. Conference on Evolutionary Biology, Economics and Law, organized by the Gruter Institute for Law and Behavioral Research. Squaw Valley, June 1, 2001.

125. *Seeking signal in the noise: What individual differences can teach us about fundamental mechanisms of emotion.* First International Conference on Social Cognitive Neuroscience. UCLA, April 26-28, 2001.

126. *fMRI Studies in emotion: The role of individual differences in experience and personality*. University of California, Berkeley. Institute of Personality and Social Research Fall 2000 Colloquium Series. November 15, 2000.

127. *Neural correlates of emotion*. Personality Seminar Series. Stanford University. April 15, 1999.

128. *At the intersection of affect and personality: First imaging data*. Medical Research Council, Applied Psychology. Cambridge, England. May 20, 1998.

Coverage of Research (selected items)

Textbooks

- Psychology and Life (2012, 20th edition), by Richard Gerrig. Pearson, New York.
- Experience Psychology (2010), by Laura A. King. McGraw Hill, New York.
- Psychology and Life (2009, 19th edition), by Richard J. Gerrig and Philip Zimbardo. Ally & Bacon, New York.
- The Personality Puzzle (2007, 4th edition), by David C. Funder. W.W. Norton & Company, New York.
- Psychobiology of Personality (2005, 2nd edition), by Marvin Zuckerman. Cambridge University Press, Cambridge, UK.
- Fundamentals of Human Neuropsychology (2003, 5th edition, p. 524), by Bryan Kolb and Ian Q. Wilshaw. Worth Publishers, New York.
- Psychology (3rd edition), by Don Hockenbury and Sandra Hockenbury (Eds.). Worth Publishers/W.H. Freeman & Company.
- Biological Psychology (2002, 3rd edition, Figure 15.12), by Rosenzweig, Breedlove, and Leiman (Eds.). Sinauer Associates, Sunderland, MA.
- Psychology: The brain, the person, the world (2nd edition), by Stephen Michael Kosslyn and Robin S. Rosenberg (Eds.). Book News, Portland, OR.
- Fundamentals of Human Neuropsychology (2003, 5th edition), by Bryan Kolb and Ian Q. Whishaw. Worth Publishers, New York.
- Psychological Science, web-based compendium to the textbook (2003), by Michael S. Gazzaniga and Todd F. Hetherton. W.W. Norton, New York.

Print/Online

- New York Times, April 20, 2022, *How Loneliness Is Damaging Our Health*, https://www.nytimes.com/2022/04/20/nyregion/loneliness-epidemic.html
- Comment on Tomova et al., *Nature Neuroscience* 2020, interview in *Science News Magazine*, November 2020

- Article in German edition of Technology Review, June 2020. “Stecken Viren hinter psychischen Störungen?“ (An article written about my theory of human endogenized retroviruses being causal in human mental health)
- During the Coronavirus pandemic, I have been asked to talk to the public about the link between loneliness and biology. I have been asked by CNN to comment on a recent loneliness study (June 16, 2020): https://www.cnn.com/2020/06/16/health/loneliness-effects-brain-activity-study-wellness-scn/index.html
- I was interviewed for a podcast on loneliness (June 8, 2020): https://ideasxpeople.com/?s=canli
- I did a podcast on loneliness with CNET (June 15, 2020): https://www.cnet.com/news/how-loneliness-could-be-changing-your-brain-and-body/?UniqueID=EED70846-D245-11EA-B08C-AC7C96E8478F&PostType=link&TheTime=2020-07-30T09%3A20%3A38&ServiceType=twitter&ftag=COS-05-10aaa0b
- I did a podcast on loneliness with Tufts University (Aug 5, 2020): https://now.tufts.edu/articles/how-be-alone-without-feeling-lonely
- The Guardian (1/4/2015). Is depression a kind of allergic reaction? http://www.theguardian.com/lifeandstyle/2015/jan/04/depression-allergic-reaction-inflammation-immune-system
- Huffington Post (12/2/2014). Why This Psychologist Thinks Depression Is An Infectious Disease. http://www.huffingtonpost.com/2014/12/02/depression-infectious-dis_n_6172074.html
- New York Times (11/26/2014). What If We’re Wrong About Depression? http://op-talk.blogs.nytimes.com/2014/11/26/what-if-were-wrong-about-depression/?partner=rssnyt&emc=rss&_r=0
- Weekly Magazines: Newsweek (U.S. edition 2/21/2005; international edition 1/17/2005; Korean edition March 2005)
- *Science*, *306*, 24 December 2004, p. 2164: “Editor’s Choice: Highlights from the recent literature”.
- *Science, 307*, 11 March 2005, p. 1548: “Brain scans raise privacy concerns” (an article about neuroethics).
- APA Monitor. February 2001, pp. 66-68. Time Magazine, January 20, 2003.
- Press Services: Associated Press, United Press International, German and French Press Agencies.
- Selected Newspapers: New York Times, Boston Globe, Los Angeles Times, Chicago Tribune Toronto Star, Philadelphia Inquirer, Wall Street Journal, Sabah (Turkey), Hurriyet (Turkey), Apoteken Umschau (Germany)

Radio

- Selected Radio Stations: National Public Radio, ABC News Radio with Sam Donaldson, Voice of America, VOA Turkey, BBC, Public Radio South Africa, local stations across the U.S., Canada, Ireland.
- NPR broadcast of “The Infinite Mind: Neuroethics”. Program broadcasted September 7th, 2003. Archived file available at www.theinfinitemind.com.

Television

- Turkish National Television (NTV), 12/1/2014.
- Television: newscasts on CNN, MSNBC, various local stations.
- Canadian Broadcasting Company. As part of a 5-part 5-hour series on "War of the Sexes", my work was extensively featured in a one-hour program and was aired in February 2004 in French on Radio-Canada (the National French-Canadian TV station) and September 2005 on CBC in English.
- Swedish National Education Broadcasting Company. As part of a 4 part TV series on "Frontiers of the Brain", my work was extensively featured in a program on "The Extroverted". The program was shown in Sweden in the Spring of 2005 to an audience of several hundred thousand Swedish viewers and is now part of the education program in neuropsychology at the University of Uppsala.

Teaching and Mentoring Experience

Classes taught

Graduate

BNB562, Systems Neuroscience (Spring 2016-21, Neuroscience Program)
BGE 550, Genetics (Fall 2013, Genetics Program)
GRD 500, Responsible Conduct in Research (Spring 2013)
BGE 510, Graduate Genetics (Fall 2012)
BGE 560, Journal Club in Molecular Psychology (2011)
BGE 510, Responsible Conduct in Research (Spring 2011, Genetics Program)
PSY 638, The Biological Basis of Personality (Fall 2005, Psychology)
PSY 638, Affective Neuroscience (Spring 2002, Psychology)
PSY 561/562, Behavioral and Cognitive Neuroscience (Spring, Fall, 2018, 2019, 2023)

Undergraduate

PSY 103 Introductory Psychology (Spring 2003, 2004, 2005, Spring and Fall 2006, Fall 2007, 2009, 2011, 2012, 2014 Stony Brook University)
PSY 275 Supervised Research Tutorials (2001- Present, every semester)
PSY 310 Research Methods (Spring 2006, 2007, 2009, 2010, Spring and Fall 2016, Fall 2024, 2025, Stony Brook University)
PSY 358 Molecular Psychology (Fall 2014, 2015, Spring and Fall 2016-2025)
PSY 358 Neuroethology (Fall 2001, 2002, 2003, Spring 2010, 2012, Fall 2014, 2016, Spring 2021, 2022, 2024 Stony Brook University)
PSY 358 Neuroscience & Society (Spring 2026, Stony Brook University)
Neuroethics (Spring 2013, 2014)
Changing the world with $20 Microcredits (Spring 2010)
PSY 103 Introduction to Personality (Fall 2000, University of California, Berkeley)
Neuroscience of Learning and Memory (1988, Tufts University)
Honors Program (Spring 2007, Stony Brook University)
HON 106 Modes of Being (Spring 2016-2019, Stony Brook Honors College)
HON 401 Global Issues (Fall 2018, 2020, Stony Brook Honors College)

Advisees

Postdoctoral
Dirk Moser (2010-2011), Prerona Mukherjee (2011-2014), Anett Müller-Alcazar (2010-2012), Hiroki Murakami (2011-2012), Kazufumi Omura (2003-2006).

Graduate
Zenab Amin (Psych, 2001-5), Yen-Wen (Samantha) Chen (2017-2023), Eliza Congdon (Psych, 2002-8), Xanna D'Agostino (Neuroscience, 2013-2015), Elif Duman (Psych, 2007-2012), Jamie Ferri (Psych, 2008-2014), Rachel Ferry (2020 – 2025), Nia Fogelman (Psych, 2013-2018), Julianna Gerold (2025-), Brianna Gonzalez (2017-2023), Alicia Grande (Psych, 2005-2007), Stephanie Izzi (Genetics, 2010-2014); Xiaosi Gu (Psych, 2005-2007), Brian Haas (Psych, 2002-6), Yael Isler (Psych, 2009-2011), Magdalena Jurkiewitz (Genetics, M.D./Ph.D., MSTP 2009-2013), David Kattan (Psych, 2013-2018), Breena Miller (Medical, Summer 2002), Jasmin Roohi (M.D./Ph.D., MSTP, Summer 2004), Babak Sadighim (Psych, 2011), Donya Ziadlou (2022-present).

Undergraduate
Richard Adam (2020-21), Jane Ahn (2013-14), Sarah An (2010-2011), Bilal Asif (2010-2012), Alarico Barabino (2011-2012), Victoria Bayevskiy (2022), Dmitry Butsenko (2012), Ghazal (Giselle) Chahili (2013-15), Pirtya Chugh (2011), Rebecca Clairvoyant (2022), Dina Cottone (2013-14), Wendy Fang (2013-14), Alicia Francisco (2012), Sisira Gajjala (2022), Ryan George (2022), Stephen Germana (2013-14), Radeyah Hack (2005-6), Lamia Haider (2013-), Jayanta Hedge (2001-2), Simon Huang (2011-13), William Ji (2013-14), Sarah Khan (2001-3), Emma Kobolakis (2010-2011), Chris Lonardo (2006), Eric Lubomir (2013-15), Sidra Mahfooz (2010), Meher Mamoor (2011-2012), Nicole Markopoulos (2013-2015), Steve Mao (2022), Nicole Marsan (2006-7), Dorothy McGee (2014-16), Yi Miao (2011-2012), Rajaa Mourabet (2010-2011), Mohammed Naqi (2012), Shahtaz Newaz (2010-2011), Farhaan Noor (2022), Natalie Odynocki (2011-2012), Jezreel Otto (2003-4, 2006-7), Radoslav Petrov (2009-2010), Ioana Radu (2002-3), Elizabeth Ramjas (2006-7), James Ryan (2009), Crystal Sandiford (2004-6), Lily Sarrafha (2011-2012), Shephali Sharma (2009-2010), Amandeep Singh (2011-2012), Jason-flor Sisante (2005-7), Sarah Skender (2016-2018), Lindsay Slater (Cornell University, Summer 2002), Nyomi Sutherland (2022), Daniel Swerdloff (2011-2012), Narumi Tokunaga (2004-6), Andrea Tountas (2012), Shaomin Wei (2005), Jennifer Williams (2012), Henry Xiao (2011-2012).

High School
Christine Ellman (Summer 2004), Rachel Goldstein (Summer 2004, 2005), Kristin Grotecloss (Fall 2002), Karen Law (Summer 2002), Hillary Lin (Summer 2006-Spring 2007), Julie Linzer (Summer 2005), Hillary Wool (Summer 2004 - Spring 2005).

Advisee Honors
2024 Donya Ziadlou, Biopsychology Founders' Award
2023 Yen-Wen Chen, 5-Minute Thesis 2nd place
Brianna Gonzalez: Stony Brook, President's Award for Excellence in Teaching by a Graduate Student.
2022 Brianna Gonzalez: Stony Brook Foundation Board of Trustees Dissertation Completion Endowed Fellowship

2021 Brianna Gonzalez
- Turner Summer Research Grant
- AGEP PUI (Alliance for Graduate Education and the Professoriate, Predominantly Undergraduate Institutions) Alliance Fellow

2020 Yen-Wen (Samantha) Chen: Society for Neuroscience Trainee Professional Development Award
Brianna Gonzalez: Scholar for the 2020 Scientist Mentoring & Diversity Program for Biotechnology (SMDP Biotech).

2019 Brianna Gonzalez: Bridge to the Doctorate Research Grant

2018 Brianna Gonzalez: Biopsych Founders Fellowship

2016 Nia Fogelman
- The John Neale Endowed Graduate Student Excellence Fund
- The Stony Brook University Biopsychology Founders Endowed Fellowship.

2013 Ghazal Chahili: Explorations in STEM Research

2012 Simon Huang: URECA Summer Fellowship Award

2011 Bilal Asif: URECA Summer Fellowship Award

2008 Eliza Congdon: President's Award to Distinguished Doctoral Students (Stony Brook)
Elizabeth Ramjas: Minorities in Psychology Award (Stony Brook)

2007 Hillary Lin, Intel Semi-Finalist
Eliza Congdon:
- SfN Women in Neuroscience Graduate Student Travel Award
- Invited Presenter, NIH National Graduate Student Research

2006 Brian Haas, Retirees' Dissertation Fellowship
Eliza Congdon, Alumni Graduate Summer Fellowship
Rachel Goldstein:
- Intel Semi-Finalist
- Round One Winner: Long Island Science and Engineering Fair
- 2nd place, Round Two: Long Island Science and Engineering Fair
- 2nd place, New York State Science and Engineering Fair
- The American Psychological Association Teachers of Psychology in Secondary Schools : Certificate of Award for Outstanding Research in Psychology

Crystal Sandiford, Minorities in Psychology Scholarship Award, Dept. of Psychology, Stony Brook University
Narumi Tokunaga, 2nd place, Psi Chi Research Conference

2005 Jason-flor Sisante, MARC (Minority Access to Research Career) Fellowship
Eliza Congdon, Alumni Research Fellowship, Honorable Mention
Rachel Goldstein, Simons Fellow
Narumi Tokunaga, URECA (Undergraduate Research and Creativity Award) Research Fellowship
Hillary Wool:
- 1st Place at the Rohm and Haas Invitational Science Fair (Behavioral Science
- category)
- Round One Winner -- Long Island Science and Engineering Fair
- Honorable Mention in Round Two of LISEF

- The American Psychological Association Teachers of Psychology in Secondary Schools : Certificate of Award for Outstanding Research in Psychology

2004 Eliza Congdon, Award for Excellence in Research (2nd Year Project)
Christine Ellman, Simons Fellow
Hillary Wool, Simons Fellow

2002 Karen Law
- Intel Semi-Finalist
- Simons Fellow

2002 Breena Miller, M.D., with recognition in research program

2002 Kristin Grotecloss, Discovery Young Scientist Challenge Finalist

2001 Jayanta Hedge, Honors College
Sarah Khan, Honors College

Dissertations supervised

Ph.D. in Genetics

- Stephanie Izzi, *Neural Correlates and Peripheral miRNAs Associated with Stress-Induced Telomere Shortening*. Defended July 30, 2014.
- Magdalena Jurkiewicz, *The Role of microRNA in Trait and State Anxiety*. Defended July 31, 2013.

Ph.D. in Psychology

- Brianna Gonzalez, *Neuroimaging of Political Cognition: An fMRI Study of the Encoding and Memory Retrieval of Negative Political Fake News*. Defended August 10, 2023.
- Yen-Wen Chen, *Old and Lonely? Surprising Insights on Perceived Social Isolation Within the Aging Brain from Neuroimaging*. Defended August 2. 2023.
- David Kattan, *Aging: Implications for Theory of Mind*. Defended April 27, 2018
- Nia Fogelman, *A Closer Examination of Stress: Early Life, Genetics, and Physiology*. Defended April 26, 2018
- Jamie Ferri, *Attentional Deployment within Unpleasant Pictures: Neural Correlates & Functional Connectivity*. Defended April 9, 2014.
- Elif Duman. *Impact of Early Life Stress and 5-HTTLPR on Adulthood Stress Reactivity: Investigation of Changes in Cortisol, Gene Expression and DNA Methylation*. Defended August 10, 2012.
- Eliza Congdon. *The Neurogenetic Basis of Behavioral Inhibition*. Defended April 25, 2008.
- Brian Haas. *Differential Temporal Dynamics of BOLD Signal during Emotional Tasks Associated with Personality*. Defended December 6, 2006.
- Zenab Amin. *Effects of Hormonal Variation on Neural Correlates of Cognitive-Affective Processing*. Defended August 12, 2005.

Ph.D. in Neuroscience

- Alexandra D'Agostino. *Loneliness and Brain Response to Social and Emotional Images in Older Adults*. Defended October 2, 2015.

Alumni Placements (first placement after graduation)

Postdoctoral Advisee Alumns
Anett Müller-Alcazar, Ph.D., Assistant Professor, Medical School Hamburg, Germany
Prerona Mukherjee, Ph.D., Postdoctoral Scientist, Psychiatry, Stony Brook University
Hiroki Murakami, Ph.D., Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan
Kazufumi Omura, Ph.D., Associate Professor, Yamagata University, Japan

Graduate Advisee Alumns
Zenab Amin, Ph.D., Postdoctoral Fellow, Yale University
Eliza Congdon, Ph.D., Postdoctoral Fellow, University of California, Los Angeles
Elif Duman, Ph.D., Assistant Professor, Department of Psychology, Bosphorus University, Istanbul, Turkey.
Jamie Ferri, Ph.D., Postdoctoral Fellow, University of California, San Francisco
Nia Fogelman, Ph.D., Postdoctoral Fellow, Yale University
Brian Haas, Ph.D., Postdoctoral Fellow, Stanford University
Magdalena Jurkiewicz, Ph.D., continued M.D. training at Stony Brook School of Medicine (completed M.D. May 2015).
Stephanie Izzie, Ph.D., Speech Language Pathology Research and Practice at MGH Institute of Health Professions, Harvard Medical School.
Alexandra D'Agostino, Ph.D., Postdoctoral Fellow, Dept. of Psychiatry, Stony Brook University.

High School Advisee Alumns
Christine Ellman, Yale University
Rachel Goldstein, Cornell University
Karen Law, Massachusetts Institute of Technology
Hillary Lin, Stanford University
Hillary Wool, Dartmouth College

Department and University Service

2008 – present Founder/PI/Director of the Social, Cognitive, and Affective Neuroscience (SCAN) Center
2017 – 2021 Integrative Neuroscience Area Head

Departmental Specialties, Proposal, and Dissertation Committee Service
2025 Donya Ziadlou, Rachel Ferry, Medhini Urs
2024 Brianna Gonzalez, Sam Chen, Anastasiia Khibovska, Linjing Yian.
2023 Brianna Gonzalez, Sam Chen, Anastasiia Khibovska
2022 Brianna Gonzalez, Sam Chen
2021 Linjing Liang
2020 Brianna Gonzalez, Sam Chen, Ryan Wales, Amanda Levinson
2019 Amanda Levinson
2018 Ashley Yttredahl
2017 Meagan Voulo, Nia Fogelman, David Kattan
2016 Nia Fogelman, David Kattan, Pete Manza, Ashley Yttredahl
2015 Alexandra D'Agostino, Ellen Kessel, Pete Manza
2014 Thang Le, Colin Sauder
2013 Thang Le, Colin Sauder

2012 Elif Duman, Tsafir Greenberg
2011 Xiaomeng (Mona) Xu, Jadzia Jagiellowicz, Jamie Ferri, Elif Duman
2010 Elif Duman
2009 Tsafir Greenberg, Genna Hymowitz, Jadzia Jagiellowicz
2008 Bianca Acevedo, Eliza Congdon, Xiaomeng (Mona) Xu
2007 Bryan Jones
2006 Bianca Acevedo, Eliza Congdon, Brian W. Haas, Bryan Jones, Sarah Ketay
2005 Zenab Amin, Stewart Shankman, Eliza Congdon, Brian W. Haas
2004 Zenab Amin
2003 David J. Echevarria, James P. Morris
2002 David J. Echevarria, Charles Metzing, Stewart Shankman
2001 Jennifer E. Graham, James P. Morris

Other Dissertation Committees

2014 Stephanie Izzi (Stony Brook Genetics Program)
2014 Craig Garafola (Stony Brook Genetics Program)
2013 Magdalena Jurkiewicz (Stony Brook Genetics Program)
2011-13 Craig Garafola (BNL, Stony Brook Genetics Program)
2008-10 Mary Kusenda (CSHL, Stony Brook Genetics Program)
2003-4 Wynne Schiffer (Neurobiology)

Other Departmental Committee Service

2025 – present MA Admissions Committee
2022 Chair, Faculty Search in Life Span
2022 Chair, Promotion Committee Naftali Raz
2020 Ombudsperson, Promotion Committee Anthony Freitas
2019 – 2020 EIP (Empire Innovation Program) Hiring Committee
2017 Chair, Promotion Committee Brenda Anderson
2002 – 2007 Graduate Education Committee
2004, 2009 Clinical Faculty Search
2002 – 2003 Colloquium Committee
2002 Biopsychology Faculty Search
2001 – 2002 Reputation Committee

University Committee Service

2025 Search Committee: SBU Director of Core Facilities
2025 - 26 Member, DTAS (Dept. of Technology and Society) Undergraduate Curriculum Committee, tasked with designing a curriculum for a new start-up Department, meeting weekly for one year.
2024 - 25 5-year Review committee member for Dean Laura Lindenfeld
2024 - present IRB Member
2024 - 25 Turner Fellowship Advisory Committee (responsible for reviewing the nominations of graduate and professional students for the W. Burghardt Turner Fellowship Program, as well as advising on the program's policies).
2023 Member, Tiger Team on Climate Change and Health

2022-23	Pilot Program Management Team and Reviewer, LINCATS (Long Island Network for Clinical and Translational Science) Pilot Program
2022	Limited Competition Review Panel for Brain Research Foundation Seed Program
2020	Limited Competition Review Panel for Brain Research Foundation Seed Program
2013 - 2018	Committee on Research in Human Subjects, CORIHS
2013 – 2015	IDC/Royalties Team
2012 – 2018	Advisory Council, Genomics Core Facility
2011	Incidental Findings Subcommittee, CORIHS (Committee on Research in Human Subjects)
2009	Bioimaging Institute Executive Committee
2008	Imaging Project Executive Committee
2007 – 2008	Core Committee, Computational Neuroscience Center Chair Search
2005 – 2012	General Advisory Council (GAC), General Clinical Research Center (GCRC)
2005 – 2006	University Senate, Graduate Council
2002 – 2008	Simons Fellowship Committee

National and International Service

2006-15	Co-Founder, Board of Directors and Executive Board, The Neuroethics Society (now, International Neuroethics Society)

Extensive activities, including membership on the Executive Board since 2006, Chairmanship of the Organizing Committee for the Annual Society Meetings, international travel lecturing, promoting, and supporting the development of Neuroethics (details listed under the relevant sections).

2026 – present	Co-Founder (with Mark Cameron, CEO of the Critical Incident Management Response Organization, CIMRO) of CHEMPRINTS ("Chemical-Attack Profiling of Injury & Trauma Survivors"), an international organization for the prevention of war crimes involving chemical weapons by developing novel biomarkers from attack survivors for future war crimes criminal prosecutions.

National and International Advisory Service

2026 – present	Representative, United Nations Committee of the Society for the Study of Social Issues (SPSSI)
2019 – present	Chief Scientist (*pro bono*), Critical Incident Management Response Organization (CIMRO)
2023 – present	Co-Lead, International Neuroethics Society, Affiliate Group on AI & Consciousness
2014	Consultant to Biomedical Research Alliance of New York, Product Review for software product "Protocol Builder"
2012	Consultant to the *Presidential Commission for the Study of Bioethical Issues*, Washington, D.C.
2010	National Science Foundation: Workshop on Genes, Cognition, and Social Behavior
2009 - 2014	Templeton Positive Neuroscience Steering Committee

2009	Advisory Council, Brazilian Ethics and Bioethics Institute, Sao Paulo, Brazil.
2008	Member, National Advisory Council on Aging (NACA), Genetics Subcommittee. National Institute on Aging (NIA), Division of Behavioral and Social Research (DBSR).
2005	Adviser to the Clinical Research Group on Attention-Deficit-Hyperactivity Disorder, Julius-Maximilians-Universität Würzburg, Germany.
2005 - 07	Adviser on "Identity" exhibit, Franklin Institute, Philadelphia, PA.

International Dissertation/Habilitation Supervision and Examination

2020	Habilitation of Dr. Heike Werner, Julius-Maximilian-Universität Würzburg, Germany.
2015	Michelle Servaas, University of Groningen, The Netherlands
2012	Jonas Waider, Julius-Maximilians-Universität Würzburg, Germany.
2010	Opponent to Tina Lonsdorf, Karolinska Institute, Stockholm, Sweden.
2008 – 2012	Jonas Waider, Julius-Maximilians-Universität Würzburg, Germany.
2008	Opponent to Susanne Henningsson, Institute of Neuroscience and Physiology at the Sahlgrenska Academy, University of Gothenburg, Sweden.

Board Membership

2006 – 2015	Co-Founder, Member of the Governing Board and Executive Committee, Neuroethics Society

Editorial Positions

2026 – present	Associate Editor, "Neuroethics'
2021-2025	Founder/Chief Adviser: *Molecular Psychology: Brain, Behavior, and Society* (Online Journal, F1000reseearch.com, Taylor & Francis Group)
2017-Present	Founding Editorial Board, *Personality Neuroscience*
2011-Present	Editorial Board, *Culture and Brain*
2011-Present	Editorial Board, *Journal of Neuroscience, Psychology and Economics*
2010- 2015	Editorial Board, *Biology of Mood & Anxiety Disorders*
2005- 2017	Editorial Board, *Social Neuroscience*
2008- 2015	Editorial Board, *Psychological Bulletin*
2004-7	Consulting Editor, *Emotion*
2004-5	Consulting Editor, *Psychophysiology*
2004-5	Consulting Editor, *Individual Differences Research*

Chair

- Symposium on "Genetics of Stress", Spring School: The ABC of Stress. University of Dresden, Germany, March 19, 2009.
- Symposium: Genetic Contributions to Affect. Emotion Pre-Conference, Society for Personality and Social Psychology (SPSP), Albuquerque, NM, February 7, 2008.
- Session on "The body/mind shop". Seventh international joint conference on Science and Society: "Genes, Brain/Mind and Behaviour". Co-sponsored by The European Molecular

Biology Laboratory (EMBL) and the European Molecular Biology Organization (EMBO). Heidelberg, Germany, November 3-4, 2006.

- Organizer, Chair, and Panelist. Neuroscience and Neuroethics in the War on Terror. First International Workshop in Neuroethics and Homeland Security. Tufts University and The Boston Museum of Science, September 29, 2006.

National and International Grant Panels and Reviews

2023	German expert panel of the Federal Ministry of Education and Research (BMBF): ERA-NET NEURON JTC2023 "ELSA of Neuroscience"
2022	U.K. Medical Research Council
2020	Digital Media and the Developing Brain Foundation
2020	Austrian Science Fund (FWF), NSF, Graduate Women in Science
2019	NSF, Graduate Women in Science
2018	NSF, CAREER Award Review: Application of Ajay Satpute
2016	Social Psychology, Personality, and Interpersonal Processes [SPIP] study section
2015	The Icelandic Research Fund
2015	Netherlands Organization for Scientific Research
2015	NIH Molecular Neurogenetics (MNG) Study Section
2014	John Templeton Foundation
2014	NSF, Cognitive Neuroscience Panel
2013, '14	NSF CAREER Award Review: Application of Kateri McRae Behavioral Neuroscience Fellowship (F02A) NIH study section
2013	Chair, Study Section ZRG1 BBBP-R, Special Emphasis Panel: Biobehavioral Mechanisms of Emotion, Stress and Health
2010	Stage 2 (Senior) Reviewer, Science of Behavior Change: Finding Mechanisms of Change in the Laboratory and the Field (R01) Funding Opportunity Announcement (FOA), National Institutes of Health
2010-11	Netherlands Organization for Scientific Research
2009-10	National Science Foundation, Cognitive Neuroscience
2007	National Institute of Mental Health, special Emphasis Panels, R24 - Building translational research in integrative behavioral science: ZMH-1 CNF ERB-C 01
2006	National Institutes of Health, Special Emphasis Panels:ZMH1 ERB-Q (01)
2006	Veteran's Administration Research & Development Service
2006	University of Ottawa's University Medical Research Fund (Department of Psychiatry)
2006	Social Sciences and Humanities Research Council of Canada
2005	Deutsche Forschungsgemeinschaft (Germany)
2005-07	National Science Foundation, Minority Post-Doctoral Fellowship Program
2004-05	National Science Foundation, Human and Social Dynamics Panel
2004-06	National Institutes of Health, Special Emphasis Panels: Language & Communication, Cognition & Perception, Cognitive Fellowship Panel F12A
2003	National Science Foundation (NSF)
2003	FWF (Austrian Science Agency)
2003	ISF (Israel Science Foundation)
2003	The Wellcome Trust (U.K.)
2002	National Science Foundation (NSF)
2002	FWF (Austrian Science Agency)

2002 The Wellcome Trust (U.K.)

Reviewer, Journals

Aging and Mental Health; American Journal of Bioethics – Neuroscience; Archives of General Psychiatry; Behavioral Neuroscience; Biological Psychiatry; Biological Psychology; Brain; Brain, Behavior, and Immunity; Brain Research; Brain Structure & Function; Cerebral Cortex; Cognition and Emotion; Cognitive Neuroscience; Cognitive, Affective, & Behavioral Neuroscience; Communications Biology; Consciousness and Cognition; Current Opinion in Neurobiology; Developmental Psychobiology; Diseases; Emotion; European Journal of Psychology; European Psychiatry; Genes, Brain, and Behavior; Health Psychology; Hormones and Behavior; Human Brain Mapping; Individual Differences Research; The International Journal of Neuropsychopharmacology; JAMA; Journal of Affective Disorders; Journal of Child Psychology and Psychiatry; Journal of Neuroscience; Journal of Cognitive Neuroscience; Journal of Genetic Psychology; Journal of the International Neuropsychological Society; Journal of Personality Assessment; Journal of Personality and Social Psychology; Journal of Personality and Social Psychology: Personality Processes & Individual Differences; Learning & Memory; Molecular Psychiatry; Nature; Nature Neuroscience; Nature Protocols; Neuroethics; Neuroimage; Neuroimaging; Neuropsychologia; Neuropsychopharmacology; Neuroscience; Neuroscience & Biobehavioral Reviews; Neuroscience Imaging; Neuroscience Letters; Neuropsychiatric Genetics; Personality Neuroscience; Personality and Social Psychological Bulletin; Psychological Science; Psychology Review; PLOS ONE; Proceedings of the National Academy of Sciences; Proceedings of the Royal Academy, B; Progress in Neuro-Psychopharmacology & Biological Psychiatry; Psychiatry Research; Psychiatry Research: Psychoneuroendocrinology; Psychology and Aging; Psychoneuroendocrinology; Psychophysiology; Science; Social, Cognitive, and Affective Neuroscience (SCAN); Social Neuroscience; Social and Personality Psychology Compass; Stress & Brain; The Quarterly Journal of Experimental Psychology (A); Translational Psychiatry; Trends in Cognitive Science; Trends in Neurosciences; Viruses.

External Reviewer, Tenure Decisions

2023 Candidacy of Associate Professor Diana Tamir of the Department of Psychology, Princeton University, for Promotion to Full Professor, Department of Psychology, Yale University.

2019 Candidacy of Dr. Amy Roy for Promotion to Full Professor, Department of Psychology, Fordham University, NY.

2013 Candidacy of Dr. Nelly Alia-Klein for Promotion to Associate Professor, Department of Psychiatry, Icahn School of Medicine at Mount Sinai, NY.
Candidacy of Dr. Lena Lämmle for Promotion to Associate Professor with tenure, Technische Universität München, Germany.
Candidacy of Dr. Venkata Mattay for Promotion to Associate Professor, Department of Neurology, Johns Hopkins University School of Medicine, MD.

2009 Candidacy of Dr. Jeremy Gray for Promotion to Associate Professor, Department of Psychology, Yale University, CT.

Reviewer, National and International Awards

2016 Assessor of Dr. Susanne Schweizer for Award for Outstanding Doctoral Research Contributions by the British Psychological Society.

Reviewer, Books, Book Proposals and other

2023 *The Balanced Brain* by Camilla Nord, Princeton University Press
2015 *Philosophy of Cultural Neuroscience* by Joan Y. Chiao, Psychology Press
2014 *Genetics of Psychological Well-Being*, Oxford University Press (2015 publication date).
2008 "Motivation Perspectives on Cardiovascular Response", Editors: Wright and Gendolla, presented to Oxford University Press.
2005 "Sex on the brain: From genes to behavior"; Editors: Jill B. Becker, Karen Berkley, Nori Geary, Elizabeth Hampson, James Herman, and Elizabeth Young, presented to Elsevier.
2003 "*Emotional Cognition*", Moore & Oaksford (Eds.), John Benjamins Publishing
2000 "*Current Controversies & Issues in Personality*" (3rd edition), by L.A. Pervin, John Wiley & Sons, Inc. (2000)

Consultant

2001 FaxMed, Inc. (2001)
2000 Pharmacia & Upjohn, member of an advisory panel to discuss brain imaging approaches to drug discovery

Conferences and Workshops Organized

2022 Program Committee, Annual Meeting of the International Neuroethics Society, Montreal, Canada, November 2-4, 2022.
2018 A one-day Research Certification Workshop in the Neurobiology of Trauma. Gaziantep, Turkey, July 2, 2018.
2010 Conference Organizer and Organizing Committee Chair of the Second Annual Meeting of the Neuroethics Society, Washington, D.C., November 11-12, 2010.
2008 Conference Organizer and Organizing Committee Chair of the First Annual Meeting of the Neuroethics Society, Washington, D.C., November 13-14, 2008.
2006 Organizer: "Neuroscience and Neuroethics in the War on Terror". First International Workshop in Neuroethics and Homeland Security. Tufts University and The Boston Museum of Science, September 29, 2006.
2004 Organizer: Conference on "The biological basis of personality and individual differences", Stony Brook University, August 13-15, 2004.
2004 Organizer: Invited symposium on functional neuroimaging and social psychology, Annual Meeting of the Society for Experimental Social Psychology, Fort Worth, Texas, October 16, 2004.
2001 Organizer: Social on "Biological Basis of Personality, Sex Differences, and Individual Differences", Annual Meeting of the Society for Neuroscience, San Diego, CA.
1996 Founder and Organizer: Stanford Affective Neuroscience Seminar Series

Professional Memberships

American Psychological Association
Association for Psychological Science
International Neuroethics Society (Co-Founder, Executive Board 2006-2015)

Society for Neuroscience
Society for the Study of Social Issues