Curriculum Vitae

Adam R. Aron, Ph.D.

Prepared 23 September 2016

CURRENT ADDRESS

Department of Psychology
University of California at San Diego
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www.aronlab.org

EDUCATION

1999-2003: PhD., Cognitive Neuroscience, University of Cambridge, UK
1996-1997: MSc, Cognitive Science, University of Edinburgh, UK
1991-1994: BSc, Biochemistry/Philosophy, University of Cape Town, South Africa

EMPLOYMENT

2015: Professor, Dept. Psychology, University of California, San Diego
2011:2015 Associate Prof., Dept. Psychology, University of California, San Diego
2006-2011 Assistant Prof., Dept. Psychology, University of California, San Diego
2003-2006: Postdoctoral Fellow, Dept. Psychology, University of California, Los Angeles
1998-1999: Research Assistant, Dept. Experimental Psychology, University of Cambridge

DOCTORAL THESIS

The neural basis of inhibitory functions in executive control
Advisors: Trevor Robbins and Barbara Sahakian

POSTDOCTORAL ADVISOR

Russell Poldrack

RESEARCH INTERESTS

Cognitive control/executive function
Stopping, switching, working memory, emotional and motivation regulation
Prefrontal cortex and basal ganglia
Functional and structural magnetic resonance imaging of the brain
Electrocorticography and encephalography
Human lesion methodology, Deep Brain Stimulation and Transcranial Magnetic Stimulation
Huntington's disease, ADHD, Tourette's and other impulse control disorders

AWARDS AND HONORS

2013: James S McDonnell Foundation Award ($600 000)
2013: APA Distinguished Scientific Award for Early Career Contributions to Psychology
2012: Young Investigator Award, Cognitive Neuroscience Society
2008: NARSAD Young Investigator Award ($60 000)

2008: Alfred P Sloan Foundation Fellowship ($50 000)
2006: UCLA Chancellor's Award for Postdoctoral Research
2005: Travel Award – Organization for Human Brain Mapping
2004: Travel Award – Society for Neuroscience and UCLA chapter
2003: Travel Award – Brain (Oxford University Press)
2001: Travel Award – Organization for Human Brain Mapping
1999-2003: PhD studentship – UK Medical Research Council
1996: Harry Crossley Bursary for Overseas Study - University of Cape Town

GRANTS AND CONTRACTS

CURRENT

2016-2019: NIH U01
Co-Investigator (PI: Pouratian)
Invasive Approach to Model Human Cortex-Basal Ganglia Action-Regulating Networks

2014-2019: NIH 2R01 DA026452
Principal Investigator
How inhibitory control modifies stimulus value and motivation

2014-2018: James S McDonnell Scholar Award
Principal Investigator
A stopping circuit for human self control

2016-2017: Tourette Syndrome Association of America
Co-Investigator (PI: Gilbert)
Pilot Study to Evaluate Feasibility of a Novel Voluntary Movement Suppression Paradigm Using Real-time Motor Physiological Feedback in Children with TS.

COMPLETE

2013-2016: NIH, R21 NS085543
Principal Investigator
How stopping movement affects working memory

2009-2014. NIH R01 DA026452
Principal Investigator
Fronto-basal-ganglia circuits for selective stopping and braking

2012-2013. Tourette's Syndrome Association
Co-Principal Investigator (PI: Chiu)
Using real-time fMRI in Tourette Syndrome.

2012-2013. Kavli Institute of Mind and Brain
Co-Principal Investigator (PI: Wessel)
Parsing brain networks for self-control using simultaneous fMRI and EEG.

2011-2012. CHDI
Principal Investigator
Establishing the best longitudinal MRI biomarkers in premanifest Huntington's disease: analysis of multimodal data.

2009-2011. NSF, 0921168
Principal Investigator
Evaluating a Fronto-Basal-Ganglia White-Matter Network for Behavioral Stopping in Lesion Patients

2008-2010. CHDI
Principal Investigator
Longitudinal assessment of frontostriatal activation in patients with presymptomatic Huntington's disease

2008-2010. NARSAD
Principal Investigator
Neuropsychiatric effects of deep brain stimulation in patients with Parkinson's disease: a model for hypomania?

2007-2008. UCSD Academic Senate
Principal Investigator
Studying control functions in patients with frontal lobe damage

2008-2009 UCSD Academic Senate
Principal Investigator
A functional magnetic resonance imaging study of the right inferior frontal cortex

PUBLICATIONS

*****denotes senior author paper with my students or postdocs*

Aron AR, Herz DM, Brown P, Forstmann B, Zaghloul K (in press) Fronto-Subthalamic Circuits for Control of Action and Cognition. *Journal of Neuroscience*.

Freeman SM, Itthipuripat S, **Aron AR*** (2016) High Working Memory Load Increases Intracortical Inhibition in Primary Motor Cortex and Diminishes the Motor Affordance Effect. *J Neurosci* 36:5544-5555.

Wessel JR, Jenkinson N, Brittain JS, Voets SE, Aziz T, **AR Aron*** (2016) Surprise disrupts cognition via a fronto-basal ganglia supressive mechanism. *Nature Communications*.

Freeman SM, **Aron AR*** (2016) Withholding a Reward-driven Action: Studies of the Rise and Fall of Motor Activation and the Effect of Cognitive Depletion. *J Cogn Neurosci* 28:237-251.

Swann NC, de Hemptinne C, **Aron AR**, Ostrem JL, Knight RT, Starr PA (2015) Elevated synchrony in Parkinson disease detected with electroencephalography. *Ann Neurol* 78:742-750.

Aron AR, Cai W, Badre D, Robbins TW (2015) Evidence Supports Specific Braking Function

for Inferior PFC. *Trends Cogn Sci* 19:711-712.
Wessel JR, Tonnesen AL, **Aron AR*** (2015) Stimulus devaluation induced by action stopping is greater for explicit value representations. *Front Psychol* 6:1640.
Freeman SM, Alvernaz D, Tonnesen A, Linderman D, **Aron AR*** . Suppressing a motivationally-triggered action tendency engages a response control mechanism that prevents future provocation. *Neuropsychologia*. 2015;68:218-31
Majid DA, Lewis C, **Aron AR***. Training voluntary motor suppression with real-time feedback of motor evoked potentials. *J Neurophysiol*. 2015:jn 00992 2014
Wessel JR, **Aron AR***. Inhibitory motor control based on complex stopping goals relies on the same brain network as simple stopping. *Neuroimage*. 2014
Wessel JR, v. It's not too late: The onset of the frontocentral P3 indexes successful response inhibition in the stop-signal paradigm. *Psychophysiology*. 2014
Wessel JR, O'Doherty JP, Berkebile MM, Linderman D, **Aron AR***. Stimulus devaluation induced by stopping action. *J Exp Psychol Gen*. 2014;143(6):2316-29
Aron AR, Robbins TW, Poldrack RA. Right inferior frontal cortex: addressing the rebuttals. *Front Hum Neurosci*. 2014;8:905
Chiu YC, Cools R, **Aron AR*** (2014). Opposing Effects of Appetitive and Aversive Cues on Go/NoGo Behavior and Motor Excitability. *J Cognit Neuroscience*
Aron, A.R, Robbins, T.W, Poldrack, R.A (2014). Inhibition and the right inferior frontal cortex: One decade on. *Trends in Cognitive Sciences*
Freeman, S, Razhas, I, **Aron, A.R*** (2014). Top-down response suppression mitigates action tendencies triggered by a motivating stimulus. *Current Biology*
Wessel, J.R, Conner, C.R, **Aron, A.R**, Tandon N (2013). Chronometric electrical stimulation of right inferior frontal coretx increases motor braking. *Journal of Neuroscience.*
Wessel, J.R & **Aron, A.R*** (2013). Unexpected events induce motor slowing via a brain mechanism for action-stopping with global suppressive effects. *Journal of Neuroscience*.
George, J.S Strunk J, Mak-McCully R, Houser M, Poizner H, **Aron AR*** (2013). Dopaminergic therapy in Parkinson's disease decreases cortical beta band coherence in the resting state and increases cortical beta band power during executive control. *Neuroimage: Clinical.*
Majid, A., Cai, W., Corey-Bloom, J. & **Aron, A.R**.* (2013). Proactive selective response suppression is implemented via the basal ganglia. *Journal of Neuroscience*.
Wessel, J.R., Reynoso, H.S. & **Aron, A.R.*** (2013) Saccade suppression exerts global effects on the motor system. *Journal of Neurophysiology*.
Greenhouse I, Gould S, Houser M & **Aron AR*** (2013). Stimulation of ventral but not dorsal contacts in the subthalamic nucleus normalizes response switching in Parkinson's disease. *Neuropsychologia*
Chiu YC & **Aron AR*** (2013). Unconsciously triggered response inhibition requires an executive setting. *Journal of Experimental Psychology: General.*
Itthipuripat S, Wessel JR, **Aron AR*** (2013). Frontal theta is a signature of successful working memory manipulation. *Experimental Brain Research.*
Chiu YC, **Aron AR**, Verbruggen F (2012). Response suppression by automatic retrieval of stimulus-stop association: evidence from Transcranial Magnetic Stimulation *J Cogn Neurosci.*
Ghahremani D, Lee B, Robertson C, Tabibinia G, Morgan A, De Shetler N, Brown A, Monterosso K, **Aron AR,** Poldrack RA, London ED (2012). Striatal doapmine D2/D3 receptors mediate response inhibition and related activity in fronto-striatal neural circuitry in humans. *J Neurosci*

Cai W, George J, Chambers C, Verbruggen F, **Aron AR*** (2012). The role of the right presupplementary motor area in stopping action: two studies with event-related Transcranial Magnetic Stimulation *J Neurophysiol*

Aron AR, Obeso J (2012). Editorial: Is executive control used to compensate for involuntary movements in levopopa induced dyskinesia? *Movement Disorders*

Seibert T, Majid DSA, **Aron AR**, Corey-Bloom J, Brewer JB (2012). Stability of resting fMRI interregional correlations analyzed in subject-native space: a one-year longitudinal study in healthy adults and premanifest Huntington's disease. *Neuroimage*

Majid, D.S.A., Cai W, George, J., Verbruggen F, **Aron, A.R*** (2012). Transcranial Magnetic Stimulation reveals dissociable mechanisms for global versus selective corticomotor suppression underlying the stopping of action. *Cerebral Cortex*

Greenhouse I, Oldenkamp C, **Aron AR*** (2012). Stopping a response has global or non-global effects on the motor system depending on preparation. *Journal of Neurophysiology*

Cai W, Oldenkamp C, **Aron AR*** (2011). Stopping speech suppresses the task irrelevant hand. *Brain and Language.*

Cai W, George JS, Chambers CD, Stokes MG, Verbruggen F, **Aron AR*** (2011). Stimulating deep cortical structures with the Batwing Coil: how to determine the intensity for Transcranial Magnetic Stimulation using coil-cortex distances. *Journal of Neuroscience Methods.*

Swann NC, Cai W, Conner CR, Pieters TA, Claffey MP, George JS, **Aron AR**, Tandon N (2011). Roles for the pre-supplementary motor area and the right inferior frontal gyrus in stopping action: Electrophysiological responses and functional and structural connectivity. *Neuroimage.*

Majid D.S.A, **Aron AR**, Thompson W, Sheldon S, Hamza S, Stoffers D, Holland D, Goldstein J, Corey-Bloom J, Dale AM (2011). Basal Ganglia atrophy in prodromal Huntington's disease is detectable over one year using automated segmentation. *Movement Disorders*

Cai W, Oldenkamp C, **Aron A.R*** (2011). A proactive mechanism for selective suppression of response tendencies. *Journal of Neuroscience.*

Swann, N., Poizner, H., Houser, M., Gould, S., Greenhouse, I., Cai, W., Strunk, J., George, J. & **Aron, A.R***. (2011) Deep brain stimulation of the subthalamic nucleus alters the cortical profile of response inhibition in the beta frequency band: a scalp EEG study in Parkinson's disease. *Journal of Neuroscience*.

Tabibnia G, Monterosso J, Baicy K, **Aron AR**, Poldrack RA, Chakrapani S, Lee B, London ED (2011). Different forms of self-control share a neurocognitive substrate. *Journal of Neuroscience*

Majid, D.S.A., Stoffers, D., Sheldon, S., Hamza, S., Thompson, W.K., Goldstein, J., Corey-Bloom, J. & **Aron, A.R***. (2011) Automated structural imaging analysis detects premanifest Huntington's disease neurodegeneration within one year. *Movement Disorders*.

Greenhouse I, Gould S, Houser M, Hicks G, Gross J, **Aron AR*** (2011). Stimulation at dorsal and ventral electrode contacts targeted at the subthalamic nucleus has different effects on motor and emotion functions in Parkinson's disease. *Neuropsychologia.*

Gupta N, **Aron AR*** (2011). Urges for food and money spill over into motor system excitability before action is taken. *European Journal of Neuroscience*

Aron, A.R (2010). From proactive to reactive and selective control: developing a richer model for stopping inappropriate responses. *Biological Psychiatry.*

Verbruggen F, **Aron AR**, Stevens M, Chambers C (2010). Theta burst stimulation dissociates attention and action updating in human inferior frontal cortex". *Proceedings of the National Academy of Sciences, USA*. [Epub ahead of print]

Congdon E, Mumford J, Cohen J, Galvan A, **Aron AR**, Xue G, Miller E, & Poldrack RA (2010). Engagement of large-scale networks is related to individual differences in inhibitory control. *NeuroImage*. [Epub ahead of print]

Rizk-Jackson A, Stoffers D, Sheldon S, Kuperman J, Dale A, Goldstein J, Corey-Bloom J, Poldrack RA, **Aron AR*** (2010). Evaluating imaging biomarkers for neurodegeneration in presymptomatic Huntington's disease using machine learning techniques. *Neuroimage*

Stoffers D, Sheldon S, Kuperman J, Goldstein J, Corey-Bloom J, **Aron AR*** (2010) Contrasting grey- and white matter changes in preclinical Huntington's disease: an MRI study. *Neurology,* Apr 13;74(15):1208-16.

Claffey M, Sheldon S, Stinear CM, Verbruggen F, **Aron AR*** (2010). Having a goal to stop action is associated with advance control of specific motor representations. *Neuropsychologia,* Jan;48(2):541-8

Swann, N., Tandon, T., Canolty, R., Ellmore, T., McEvoy, L., Dreyer, S., M, D., & **Aron, A. R*** (2009). Intracranial EEG reveals a time– and frequency–specific role for the right inferior frontal gyrus and primary motor cortex in stopping initiated responses. *Journal of Neuroscience*, 7(29) 40:12675-85

Jahfari, S., Stinear, C. M., Claffey, M., Verbruggen, F., & **Aron AR*** (2009). Responding with restraint: what are the neurocognitive mechanisms? *Journal of Cognitive Neuroscience*

Aron, A. R., & Verbruggen, F. (2008). Stop the presses: dissociating a selective from a global mechanism for stopping. *Psychological Science, 19*(11), 1146-1153.

Xue, G., **Aron, A. R.**, & Poldrack, R. A. (2008). Common neural substrates for inhibition of spoken and manual responses. *Cerebral Cortex, 18*(8), 1923-1932.

Aron, A. R. (2008a). Progress in Executive Function Research: From tasks to functions to regions to networks. *Current Directions in Psychological Science*.

Aron, A. R. (2008b). Introducing a special issue on stopping action and cognition. *Neuroscience and Biobehavioral Rev*iews

Tohka, J., Foerde, K., **Aron, A. R.**, Tom, S. M., Toga, A. W., & Poldrack, R. A. (2008). Automatic independent component labeling for artifact removal in fMRI. *Neuroimage, 39*(3), 1227-1245.

Huddy, V. C., **Aron, A. R**., Harrison, M., Barnes, T. R., Robbins, T. W., & Joyce, E. M. (2008). Impaired conscious and preserved unconscious inhibitory processing in recent onset schizophrenia. *Psychological Medicine*, 1-10.

Clark, L., Blackwell, A. D., **Aron, A. R.**, Turner, D. C., Dowson, J., Robbins, T. W., & Sahakian, B. J. (2007). Association between response inhibition and working memory in adult ADHD: a link to right frontal cortex pathology? *Biological Psychiatry, 61*(12), 1395-1401.

Aron, A. R. (2007). The neural basis of inhibition in cognitive control. *Neuroscientist, 13*(3), 214-228.

Aron, A. R., Behrens, T. E., Smith, S., Frank, M. J., & Poldrack, R. A. (2007). Triangulating a cognitive control network using diffusion-weighted magnetic resonance imaging (MRI) and functional MRI. *Journal of Neuroscience, 27*(14), 3743-3752.

Aron, A. R., Durston, S., Eagle, D. M., Logan, G. D., Stinear, C. M., & Stuphorn, V. (2007). Converging evidence for a fronto-basal-ganglia network for inhibitory control of action and cognition. *Journal of Neuroscience, 27*(44), 11860-11864.

Aron, A. R., & Poldrack, R. A. (2006). Cortical and subcortical contributions to Stop signal response inhibition: role of the subthalamic nucleus. *Journal of Neuroscience, 26*(9), 2424-2433.

Rodriguez, P. F., **Aron, A. R**., & Poldrack, R. A. (2005). Ventral-striatal/nucleus-accumbens sensitivity to prediction errors during classification learning. *Human Brain Mapping*.

Monterosso, J. R., **Aron, A. R.**, Cordova, X., Xu, J., & London, E. D. (2005). Deficits in response inhibition associated with chronic methamphetamine abuse. *Drug and Alcohol Dependence*.

Aron, A. R., Gluck, M. A., & Poldrack, R. A. (2005). Long-term test-retest reliability of functional MRI in a classification learning task. *Neuroimage*.

Aron, A. R., & Poldrack, R. A. (2005). The cognitive neuroscience of response inhibition: relevance for genetic research in attention-deficit/hyperactivity disorder. *Biological Psychiatry, 57*(11), 1285-1292.

Aron, A. R., Monsell, S., Sahakian, B. J., & Robbins, T. W. (2004). A componential analysis of task-switching deficits associated with lesions of left and right frontal cortex. *Brain, 127*, 1561-1573.

Aron, A. R., Shohamy, D., Clark, J., Myers, C., Gluck, M. A., & Poldrack, R. A. (2004). Human midbrain sensitivity to cognitive feedback and uncertainty during classification learning. *Journal of Neurophysiology, 10*, 10.

Aron, A. R., Robbins, T. W., & Poldrack, R. A. (2004). Inhibition and the right inferior frontal cortex. *Trends in Cognitive Sciences, 8*(4), 170-177.

Aron, A. R., Watkins, L., Sahakian, B. J., Monsell, S., Barker, R. A., & Robbins, T. W. (2003). Task-set switching deficits in early-stage Huntington's disease: implications for basal ganglia function. *Journal of Cognitive Neuroscience, 15*(5), 629-642.

Aron, A. R., Fletcher, P. C., Bullmore, E. T., Sahakian, B. J., & Robbins, T. W. (2003). Stop-signal inhibition disrupted by damage to right inferior frontal gyrus in humans. *Nature Neuroscience, 6*(20), 115-116.

Aron, A. R., Schlaghecken, F., Fletcher, P. C., Bullmore, E. T., Eimer, M., Barker, R., Sahakian, B. J., & Robbins, T. W. (2003). Inhibition of subliminally primed responses is mediated by the caudate and thalamus: evidence from functional MRI and Huntington's disease. *Brain, 126*(Pt 30), 713-723.

Aron, A. R., Sahakian, B. J., & Robbins, T. W. (2003). Distractibility during selection-for-action: differential deficits in Huntington's disease and following frontal lobe damage. *Neuropsychologia, 41*(922639095), 1137-1147.

Aron, A. R., Dowson, J., Sahakian, B. J., & Robbins, T. W. (2003). Methylphenidate improves response inhibition in adults with Attention Deficit/Hyperactivity Disorder. *Biological Psychiatry, 54*, 1465-1468.

Turner, D. C., Robbins, T. W., Clark, L., **Aron, A. R.**, Dowson, J., & Sahakian, B. J. (2003). Relative lack of cognitive effects of methylphenidate in elderly male volunteers. *Psychopharmacology, 168*(4), 455-464.

Turner, D. C., Robbins, T. W., Clark, L., **Aron, A. R.**, Dowson, J., & Sahakian, B. J. (2002). Cognitive enhancing effects of modafinil in healthy volunteers. *Psychopharmacology, 165*(3), 260-269.

AD HOC REVIEWER

American Journal of Psychiatry; Archives General Psychiatry; Brain; Cerebral Cortex; Cognition; Cortex; Current Directions in Psychological Science; European Journal of Neuroscience; Exp Brain Research; Human Brain Mapping; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: General; Journal of Neurophysiology;

Journal of Neurology Neurosurgery and Psychiatry; Journal of Neuroscience; Nature Neuroscience; Nature Reviews Neurology; Nature Reviews Neuroscience; Neuron; Neuropsychologia; Neuropsychopharmacology; New York Academy of Sciences; PNAS; Progress in Neurobiology; Psychological Medicine; Psychological Science; Psychological Review; Science; Trends in Cognitive Sciences.

PROFESSIONAL DUTIES

Grant Reviewing

Standing Grant Review Member, Cognition and Perception Study Section, NIH, 2014-2018
Ad Hoc Grant Reviewer NIH Study Sections: CP (2010,13), CEBRA (2012, 2014), SPC (2012)
Grant Reviewer: National Science Foundation
Grant Reviewer: FWO Vlaanderen
Grant Reviewer: Netherlands Organization for Scientific Research, NOW
Scientific Advisory Board for Tourette's Syndrome Association (2011-2014)

Other

Occasional Editor, Proceedings National Academy of Sciences USA
Cognitive Neuroscience Society Minisymposium Committee 2014, 2015
Editorial Advisory Board for Neuropsychologia (2007-current)

PROFESSIONAL SOCIETIES

Society for Neuroscience
Organization for Human Brain Mapping*
Cognitive Neuroscience Society*
Psychonomics*

* occasional

POSTDOCTORAL FELLOWS AND GRADUATE STUDENTS

Postdoctoral Fellows

Johanna Wagner, Ph.D, 2016- current
Francesco Marini, Ph.D, 2014-current
Jan Wessel, Ph.D, 2011-2015 (now assistant Professor Iowa Dept Psychology)
Yu-Chin Chiu, Ph.D, 2010-2013 (now postdoc at Duke)
Weidong Cai, Ph.D, 2009-2012 (now postdoc at Stanford)
Nitin Gupta, Ph.D, 2009-2010 (now assistant professor Indian Institute of Technology)
Diederick Stoffers, Ph.D, 2008-2009 (now postdoc at Netherlands Inst. of Neuroscience)

Graduate Students

Current

Kelsey Sundby, BA
Kathleen Lyons, BA, MSc

Complete

Scott Freeman, BA, 2011-2016, Psychology Graduate Program, NSF graduate fellow
Adnan Majid, B.S, 2009-2013, Med. Student Training Program and Neuroscience Grad. Program, funded by NRSA (F31) predoc. Fellowship (now psychiatry training)
Ian Greenhouse, B.A, 2007-2012, Psychology Graduate Program, funded by INC NIH training grant fellowship (now postdoc UC Berkeley)

Nicole Swann, M.A, 2007-2012, Neuroscience Graduate Program, funded by NSF fellowship, NSF Socrates Fellowship, INC NIH training grant fellowship (now postdoc UCSF)

OTHER SUPERVISION

Other graduate students

Melissa Burney, BA, 2013-2015, Psychology Graduate Program, Katzin scholar award
John Case, BS, 2013-2014, Psychology Graduate Program
Mike Claffey, BS, 2007-2008

Honors student projects

Anna Castiglione, 2016-2017
Carol Lee, 2011-2012 (now clinical psychology PhD program U Mass)
Caitlin Oldenkamp, 2010-2011 (now medical school UCLA)
Sarah Sheldon, 2009-2010
Veronique Boucquey, 2008-2009 (now graduate student at UC Irvine)

199 volunteers (one or two quarters)

Melissa Aguilar, Aiyana Bailin, Matt Johnson; Samar Hamza; Laura Vergel De Dios; Derek Huffman; Patti Shih; Minya Koruga; Caitlin Oldenkamp; Jon Strunk; Veronique Boucquey; Sarah Sheldon; Melissa Aguilar, Ieva Rhezas, Julie Schmuttermair, Diana Kneiber, Aiyana Bailin; David Linderman; Michael Berkibile; Dominic Alvernaz, Ali Tonneson, Christina Lewis, Amanda Goold, Dianze Lu, Kelly Dong, Jerry Scott, Anna Castiglione, Mollie Paster.

Rotating UCSD Neuroscience Graduate Students

Nicole Swann; Adnan Majid; Sirawaj Itthipurapat; Rachel Mak-McCully, Erik Kaestner, Sequoyah Reynoso, Daniel Stern.

STARS minority program

Gabriela Seropian, 2010, San Jose State
Marina Nakhla, 2016, Cal State Northridge

Visiting grad students

Danielle De Weld, 2007 (6 months), University of Leiden, Netherlands
Sarah Jahfari, 2008 (6 months), University of Amsterdam, Netherlands

TEACHING

Psyc108: *Undergraduate*, 'Introduction to Cognitive Neuroscience', 2007-16
Psyc193/123: *Undergraduate*, 'Cognitive control and the frontal lobe', 2007,09,11,13, 16
Neu200C: *Graduate,* 'Cognitive neuroscience proseminar', 2013,14,15,16
Psyc272: *Graduate*, 'Impulsivity', 2010
Psyc272: *Graduate*, 'The role of the basal ganglia in action and cognition', 2008, 2012
Cogs200: *Graduate,* 'The cognitive neuroscience of motivation and emotion', 2011

UNIVERSITY SERVICE

Psychology Department, Admissions Committee, 2012-current
Neuroscience Graduate Program Admissions Committee, 2015-2016
Department Representative Academic Senate, 2016-current
Co-organizer Cog Neural Systems Seminar, 2008-current

Psychology Department, Grad Affairs Committee, 2013-2015
Cognitive and Behavioral Neuroscience Search Committee, 2013-14
Steering committee, Keck Center for functional MRI, 2007-2014
Psychology Department Colloquium Committee, 2011-2013
Organizer one-day workshop CTRI/cFMRI symposium 2012
Sensation and Perception Search Committee, 2008
Participant in Sustainability Across the Curriculum Workshop, Spring 2007
Neuroscience Graduate Program Thesis committee for Claire Geddes (2016-), Sarah Israel (2007-2010), Sam Nummella (2008), Nicki Swann (2007-2012), Adnan Majid (2010-2013), Emilie Schwager (2011, 2012).
Psychology Graduate Program Qualifying committee or Thesis member for Tiffany Ho (2010), Ian Greenhouse (2010-2012), Stephanie Carmack (2012), Galit Hoffree (2012), Mike Claffey (2010); Mary Smith (2013,14), Evan Carr (2014)

CONFERENCE ORGANIZING

Co-organizer (with Badre and Cools) of the First International Control Processes meeting – San Diego, November, 2016
Organizer of UCSD Workshop "Translational Aspects of Stopping", 2007, 2010, 2013

INVITED ADDRESSES

2016
Chairman and Symposium Speaker – Society for Neuroscience 2016
Invited talk - Tourette's Syndrome Symposium, Rady Children's Hospital, UCSD
Chalk Talk – Institute of Neural Computation, UCSD
2015
Seminar - Toronto Western Research Institute, Canada
2014
Seminar – Caltech, Pasedena, California
Southern California Learning and Memory Symposium - UCLA
Minisymposium – Cognitive Neuroscience Society Meeting - Boston
Gordon Conference – Basal Ganglia – Ventura California
2013
Brain, Mind and Society Seminar Series – Caltech
Experimental Psychology Colloquium – Oxford University
Intentional inhibition workshop presentation – University College London
Seminar Series – Hamburg Medical School
Brain Mapping Seminar Series – Ahmanson Lovelace Center - UCLA
Cognitive Brown Bag – University of California Riverside
2012
Minisymposium – Society for Neuroscience – New Orleans
Institute of Cognitive Neuroscience – London, UK
Institute of Movement Neuroscience – London, UK
Magstim workshop on Transcranial Magnetic Stimulation – University of Oxford, UK
Young Investigator Address – Cognitive Neuroscience Society – Chicago
NIMH Center on Executive Function & Dysfunction – University of Colorado, Boulder
2011
Department of Psychology – University of California Santa Barbara
Colloquium – Department of Psychology - UCSD
University of Michigan, Ann Arbor

2010
Donders Institute for Brain, Cognition and Behavior - Nijmegen, Netherlands
Department of Psychology - University of Amsterdam - Netherlands
UCSD Neuroscience retreat, Lake Arrowhead, California
Dept of Psychiatry, Schwarz Symposium – Yale University
Dept of Psychological and Brain Sciences – Johns Hopkins
2009
Tourette's Syndrome Association - New York
Merck Neuroscience Seminar series – UCSD
2008
Grand Rounds in Neurology – UCSD
University of Texas Medical School at Houston
2007
Minisymposium – Society for Neuroscience – New Orleans
UCSD Neuroscience retreat, Lake Arrowhead, California
Scripps Green Hospital – San Diego
Scripps Research Institute – San Diego
UCSD Psychiatry Dept
2006
Cognitive Forum - UCLA
Dept of Psychology - University of California, Berkeley
Dept of Psychology - University of Arizona
2005
Grand Rounds – Veterans Administration W. Los Angeles
UC Irvine
Amsterdam Conference on Cognitive Control - Netherlands
2004
Advancing the Neuroscience of ADHD – Boston
Ahmanson-Lovelace Brain Mapping Center Seminar Series –UCLA
Center for the Neurobiology of Learning and Memory, UC Irvine
Annual Cognitive Neuroscience of Category Learning Workshop – NYC