

CURRICULUM VITAE

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February 2024

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POST-SECONDARY EDUCATIONAL HISTORY

Emory University, Atlanta, GA.	B.S.	1987	Biology
Washington University, St. Louis, MO	Ph.D.	1992	Neuroscience

PROFESSIONAL EMPLOYMENT AND APPOINTMENTS

2022-	Co-Director, Center for the Neural Basis of Cognition, U. of Pittsburgh
2020-	Co-Director, BRIDGE Imaging Center, U. of Pittsburgh
2008-	Professor, Dept. of Communication Sciences & Disorders, U. of Pittsburgh
2008-	Senior Scientist, Learning Research & Development Center, U. of Pittsburgh
2006-	Professor, Dept. of Psychology, U. of Pittsburgh
2006-	Professor, Dept. of Neuroscience, U. of Pittsburgh
2006-	Professor, Center for the Neural Basis of Cognition, U. of Pittsburgh
2005-	Adjunct Faculty, Department of Psychology, Carnegie Mellon U.
2016-2022	Chair, Department of Psychology, U. of Pittsburgh
2003-2006	Associate Professor, Dept. of Psychology, U. of Pittsburgh
2003-2006	Associate Professor, Dept. of Neuroscience, U. of Pittsburgh
2003-2006	Associate Professor, Center for the Neural Basis of Cognition, U. of Pittsburgh
1999-2008	Research Scientist, Learning Research & Development Ctr, U. of Pittsburgh
1998-2002	Assistant Professor, Dept. of Neuroscience, U. of Pittsburgh
1997-2002	Assistant Professor., Center for the Neural Basis of Cognition, U. of Pittsburgh
1997-2002	Assistant Professor, Dept. of Psychology, Univ. of Pittsburgh
1992-1996	Postdoctoral Research Associate, Depts. Neurology, U. of Iowa & Washing U.

HONORS, AWARDS, AND FELLOWSHIPS

2014-2016 Chair of the NIH Language and Communication Study Section
2007 Fellow, Association for Psychological Science
2002 APA Distinguished Scientific Award for Early Career Contribution to Psychology
2001 Chancellor's Distinguished Research Award
1999-2001 Alfred P. Sloan Research Fellow
1997 Wiley Young Investigator Award in Human Brain Mapping
1992-1996 Fellow, Charles A. Dana Foundation
1993 Finalist, Donald Lindsley Prize in Behavioral Neurosci., Soc. for Neuroscience
1991 Olin Fellowship for Outstanding Biomedical Research, Washington University
1987-1992 Fellow, Spencer T. Olin Foundation, Washington University
1987-1990 Fellow, National Science Foundation
1986 Phi Beta Kappa, Emory University
1983-1987 Woodruff Fellow, Emory University

PROFESSIONAL MEMBERSHIPS

2016- Member, Society for the Neurobiology of Language
2006- Member, Psychonomic Society
2006- Member, American Educational Research Association
2003- Member, Association for Psychological Science
1989- Member, Society for Neuroscience
1997- Member, Cognitive Neuroscience Society

PUBLICATIONS

Chrabaszc A, Gebremedhen NI, Alvarez TA, Durisko C, Fiez JA (2023). Orthographic learning in adults through overt and covert reading. *Acta Psychologica*, 241:104061.

Duricy E, Durikso C, Fiez JA (2023). Test-retest reliability is comparable for virtual and in-person post-stroke neuropsychological assessment. *Archives of Clinical Neuropsychology*, in press.

Koch GE, Libertus ME, Fiez JA, Coutanche MN (2023). Representations within the intraparietal sulcus distinguish numerical tasks and formats. *Journal of Cognitive Neuroscience*, 35 :226-240.

Vogt KM, Ibinso JW, Burlew AC, Smiht CT, Aizenstein HJ, Fiez JA (2023). Brain connectivity under light sedation with midazolam and ketamine during task performance and the periodic experience of pain: Examining concordance between different approaches for seed-based connectivity analysis. *Brain Imaging and Behavior*, 17:519-529.

Weiss AR, Korzeniewska A, Chrabaszc, Bush A, Fiez JA, Crone NE, Richardson RM (2023). Lexicality-modulated influence of auditory cortex on subthalamic nucleus during

motor planning for speech. *Neurobiology of Language*, 4:53-80.

Norton CM, Ibinson JW, Pcola SJ, Popov V, Tremel JJ, Reder LM, Fiez JA, Vogt KM (2022). Neutral auditory words immediately followed by painful electric shock may show reduced next-day recollection. *Experimental Brain Research*, 240:2939-2951.

Ren X, Liu R, Coutanche MN, Fiez JA, Libertus ME (2022). Numerical estrangement and integration between symbolic and non-symbolic numerical information: Task-dependence and its link to math abilities in adults. *Cognition*, 224:105067.

Wang D, Lipski W, Bush A, Chrabaszcz A, Dastolfo-Hromack C, Dickey M, Fiez JA, Richardson RM (2022). Lateralized and region-specific thalamic processing of lexical status during reading aloud. *Journal of Neuroscience*, 42:3228-3240.

Boring MJ, Silson EH, Ward MJ, Richardson RM, Fiez JA, Baker CI, Ghuman AS (2021). Multiple adjoining word- and face-selective regions in ventral temporal cortex exhibit distinct dynamics. *Journal of Neuroscience*, 41:6314-6327.

Chrabaszcz A, Wang D, Lipski WJ, Bush A, Crammond DF, Shaima S, Dickey MW, Holt LL, Turner RS, Fiez JA, Richardson RM (2021). Simultaneously recorded subthalamic and cortical LFPs reveal different lexicality effects during reading aloud. *Journal of Neurolinguistics*, 60:101019.

Dastolfo-Hromack C, Bush A, Chrabaszcz A, Lipski W, Wang D, Crammond DJ, Shaiman S, Dickey MW, Holt LL, Turner RW, Fiez JA, Richardson RM (2021). Articulatory gain predicts motor cortex and subthalamic nucleus activity during speech. *Cerebral Cortex*, 32:1337-1349.

Guediche S, Fiez JA (2021). Comprehension of Morse code predicted by item recall from working memory. *Journal of Speech, Language, and Hearing Research*, in press.

Vogt KM, Ibinson JW, Smith CT, Citro AT, Norton CM, Karim HT, Popov V, Mahajan A, Aizenstein HJ, Reder LM, Fiez JA. (2021). Midazolam and ketamine produce distinct neural changes in memory, pain, and fear networks during pain. *Anesthesiology*, 135:69-82.

Cox KM, Fiez JA (2020). Abstract inference of unchosen option values. *European Journal of Neuroscience*, 51:909-921.

Hirshorn EA, Simcox T, Durisko C, Perfetti CA, Fiez JA (2020). Unmasking individual differences in adult reading procedures by disrupting holistic orthographic perception. *PLoS ONE* 15: e0233041.

Ben-Yehudah G, Hirshorn EA, Simcox T, Perfetti CA, Fiez JA (2019). Chinese-English bilinguals transfer L1 lexical reading procedures and holistic orthographic coding to L2 English. *Journal of Neurolinguistics*, 50:136-148

Carlos BJ, Hirshorn EA, Durisko C, Fiez JA, Coutanche MN (2019). Word inversion sensitivity as a marker of visual word form area lateralization: An application of novel

multivariate measure of laterality. *Neuroimage*, 191:493-502.

Chrabaszcz A, Neumann WJ, Stretcu O, Lipski WJ, Bush A, Dastolfo-Hromack CA, Wang D, Crammond DJ, Shaiman S, Dickey MW, Holt LL, Turner TS, Fiez JA, Richardson RM (2019). Subthalamic nucleus and sensorimotor cortex activity during speech production. *Journal of Neuroscience*, 39:2698-2708.

Lim SJ, Fiez JA, Holt LL (2019). Role of the striatum in incidental learning of sound categories. *Proceedings of the National Academies of Science*, 116:4671-4880.

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Alvarez T, Fiez JA (2018). Current perspectives on the cerebellum and reading development. *Neuroscience and Biobehavioral Reviews*, 92:55-66.

Ghuman AS, Fiez JA (2018). Parcellating the structure and function of the reading circuit [Comment]. *Proceedings of the National Academies of Science*, 115:10542-10544.

Lipski WJ, Alhourani A, Pirnia T, Jones PW, Dastolfo-Hromack C, Helou LB, Crammond DJ, Sahiman S, Dickey MW, Holt LL, Fiez JA, Turner RS, Richardson RM (2018). Subthalamic nucleus neurons differentially encode early and late aspects of speech production. *Journal of Neuroscience*, 38:5620-5631.

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Moore MW, Fiez JA, Tompkins CA (2017). Consonant age of acquisition effects in nonword repetition are not articulatory in nature. *Journal of Speech, Language, and Hearing Research*, 60:3198-3212.

Yang Y, Dickey MW, Fiez JA, Murphy B, Mitchell T, Collinger J, Tyler-Kabara E, Boninger M, Wang W (2017). Sensorimotor experience with verb-category mapping in human sensory, motor, and parietal neurons. *Cortex*, 92:304-319.

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hardest: Functional connectivity during cue exposure and the ability to resist smoking in the initial hours of a quit attempt. *Neuroimage*, 151:24-32.

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Fiez JA (2016). The cerebellum and language: Persistent themes and findings. *Brain and Language*, 161:1-3.

Fiez JA (2016). Chapter 68 - Neural basis of phonological memory. *Neurobiology of Language* (GS Hickok, SL Small, eds). Academic Press: Boston, 855-862.

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Wilson SJ, Sayette MA, Fiez JA (2014). Self-control, negative affect and neural activity during effortful recognition in deprived smokers. *Social, Cognitive, and Affective Neuroscience*, 9:887-94.

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Kallai AY, Schunn CD, Fiez JA (2012). Mental arithmetic activates analogic representations of internally generated sums. *Neuropsychologia*, 50 :2397-407.

Tricomi E, Fiez JA (2012). Information content and reward processing in the human striatum during the performance of a declarative memory task. *Cognitive, Affective, and Behavioral Neuroscience*, 12 :361-72.

Wilson SJ, Sayette MA, Fiez JA (2012). Quitting-unmotivated and quitting-motivated cigarette smokers exhibit different patterns of cue-elicited brain activity when anticipating an opportunity to smoke. *Journal of Abnormal Psychology*, 121 :198-211.

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Moses-Kolko EL, Fraser D, Wisner KL, James JA, Sual AT, Fiez JA, Phillips ML (2011). Rapid habituation of ventral striatal response to reward receipt in postpartum depression. *Biological Psychiatry*, 15:198-211.

Chein JM, Fiez JA (2010). Evaluating models of working memory through the effects of concurrent irrelevant information. *Journal of Experimental Psychology: General*, 139:117-37.

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Cox KM, Aizenstein JH, Fiez JA (2008). Striatal outcome processing in healthy aging. *Cognitive, Affective, and Behavioral Neuroscience*, 8:304-17.

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Wilson SJ, Sayette MA, Delgado MR, Fiez JA (2008). Effect of smoking opportunity on responses to monetary gain and loss in the caudate nucleus. *Journal of Abnormal Psychology*, 117:428-34.

Ben-Yehudah, Fiez JA (2007). Development of verbal working memory. In: *Human Behavior and the Developing Brain, 2nd Ed.*, (D Coch, KW Fischer, G Dawson, eds.), New York: Guilford Press, 301-328.

Ben-Yehudah G, Guediche S, Fiez JA (2007). Cerebellar contributions to verbal working memory: beyond cognitive theory. *Cerebellum*, 63:193-201.

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Perfetti CA, Liu Y, Fiez J, Nelson J, Bolger DJ, Tan LH (2007). Reading in two writing systems: Accommodation and assimilation of the brain's reading network. *Bilingualism: Language and Cognition*, 10:131-146.

Wilson SJ, Sayette MA, Fiez JA, Brough E (2007). Carry-over effects of smoking cue exposure on working memory performance. *Nicotine and Tobacco Research*, 9:613-9.

Ravizza SM, McCormick CA, Justus TA, Ivry RB, Fiez JA (2006). Cerebellar damage produces selective deficits in verbal working memory. *Brain*, 129:306-20.

Fiez JA, Tranel D, Seager-Frerichs D, Damasio H (2006). Specific reading and phonological processing deficits are associated with damage to the left frontal operculum. *Cortex*, 42:624-43.

Tricomi EM, Delgado MR, McCandliss BD, McClelland JL, Fiez JA (2006). Performance feedback drives caudate activation in a phonological learning task. *Journal of Cognitive Neuroscience*, 18:1029-1043.

Buckner RL, Keating JG, Martin TA, Fiez JA (2005). Seeing through prisms as a demonstration of visual-motor learning. In: *Lab Manual for Physiology: A Benjamin Cummings Custom Edition Preview Copy* (DU Silverthorn, BR Johnson, A Mills eds). San Francisco, CA: Benjamin Cummings.

Fiez JA, Buckner RL, Keating JG, Martin TA (2005). The mind, brain, and human memory: Using behavioral measures to study cognitive functions. In: *Lab Manual for Physiology: A Benjamin Cummings Custom Edition Preview Copy* (DU Silverthorn, BR Johnson, A Mills eds). San Francisco, CA: Benjamin Cummings.

Justus TC, Ravizza SM, Fiez JA, Ivry RB (2005). Reduced phonological similarity effects in patients with damage to the cerebellum. *Brain and Language*, 95:304-318.

Keating JB, Martin TA, Fiez JA, Buckner RL (2005). Altered limb position sense by muscle vibration. In: *Lab Manual for Physiology: A Benjamin Cummings Custom Edition Preview Copy* (DU Silverthorn, BR Johnson, A Mills eds). (DU Silverthorn, BR Johnson, A Mills eds). San Francisco, CA: Benjamin Cummings.

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Wilson SJ, Sayette MA, Delgado MR, Fiez JA (2005). Instructed smoking expectancy modulates cue-elicited neural activity: A preliminary study. *Nicotine and Tobacco Research*, 7:637-645.

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Ravizza SM, Delgado MR, Chein JM, Becker JT, Fiez JA (2004). Functional dissociations within the inferior parietal cortex in verbal working memory. *Neuroimage*, 22:562-73.

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6:1-10.

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RECENT CONFERENCE ABSTRACTS (2012-PRESENT)

Chrabaszc A, Lear KM, Durisko C, Fiez JA (2023). An fMRI study of phonological decoding: Learning to read in an artificial script. Society for the Neurobiology of Language. Marseilles, France.

Duricy E, Durisko C, Fiez JA (2023). Investigating the impact of aphasia on language comprehension and simple arithmetic. Society for the Neurobiology of Language. Marseilles, France.

Duricy E, Durisko C, Fiez JA (2023). The role of the intraparietal sulcus in numeracy: A review of parietal lesion cases. Society for Neuroscience, Washington, DC.

Grigsby EM, Damiani A, Ho JC, Tang LW, Belkhir J, Barrios-Martinez J, Constantine T, Mahon BZ, Drammond DJ, Fiez JA, Gonzalez-Martinez JA, Pirondini E (2023). Direct electrical stimulation of the motor thalamus improves speech motor deficits following traumatic brain injur. Society for Neuroscience, Washington, DC.

Paul S, Durisko C, Fiez JA (2023). Neuroanatomical contributions to oral pseudoword reading. Society for the Neurobiology of Language. Marseilles, France.

Paul S, Lear K, Chrabaszcz A, Durisko C, Fiez JA (2023). Does ADHD impact orthographic learning in people with dyslexia? (2023). Orthographic learning in adults through overt and covert reading. *Human Sentence Processing 2023*, Pittsburgh, PA.

Chrabaszcz A, Gebremedhen N, Alvarez A, Durisko C, Fiez J (2023). Orthographic learning in adults through overt and covert reading. *Human Sentence Processing 2023*, Pittsburgh, PA.

Fiez JA, Duricy E, Durisko C (2023). Comparing the reliability of virtual and in-person post-stroke neuropsychology assessment with speech and language tasks. Symposium presentation at the *Association for Research in Otolaryngology*, Orlando, FL.

Vogt K, Reddy SN, Kozdron , Burlew AC, Shafer SL, Aizenstein HJ, Reder LM, Ibinson JW, Fiez JA (2023). Modualtion of human memory and pain by diverse anesthetic agents: A randomized placebo-controlled crossover 7 Tesla functional MRI study in healthy young adults. Annual meeting of the *International Anesthesiology Research Society*. San Francisco, CA.

Duricy E, Fiez JA (2022). A single-case study of left parietal damage and numeracy abilities. Annual meeting of the *Cognitive Neuroscience Society*, San Francicso.

Fiez JA, Durikso C, Duricy E, Vincent A, Brady E, Lear K (2022). Merging research and education through an undergraduate laboratory course involving aphasia assessment and student projects using the lesion method. *Society for the Neurobiology of Language*, Philadelphia, PA.

Ren X, Coutanche MN, Fiez JA, Libertus ME (2022). Integration of symbolic and non-symbolic numerical information in children: Task dependence and its link to math abilities. Annual meeting of the *Mathematical Cognition and Learning Society*, Belgium.

Ren X, Coutanche MN, Fiez JA, Libertus ME (2022). Integration of symbolic and non-symbolic numerical information in children: Task dependence and its link to math abilities. Annual *NSF Brain Intitiative Meeting*, Washington DC.

Duricy E, Durisko C, Fiez JA (2021). Damage to the left intraparietal sulcus does not consistently impair numeracy abilities. Annual meeting of the *Cognitive Neuroscience Society*, online.

Ren X, Coutanche MN, Fiez JA, Libertus ME (2021). The neural basis for number processing and its relation to individual differences in adults' mathematical skills. Annual meeting of the *Society for Neuroscience*, online.

Ren X, Liu R, Coutanche M, Fiez JA, Libertus M (2021). Numerical integration between the exact and approximate number systems: Evidence for task-dependence and its link to math abilities in adults. Annual *NSF Brain Initiative Meeting*, online.

Vogt KM, Smith CT, Ibinson JW, Fiez JA (2021). Whole brain connectivity changes with midazolam sedation during task performance and period gain: A functional MRI study in healthy young adults. Annual meeting of the *International Anesthesiology Research Society*, online.

Weiss AR, Korzeniewska, Chrabaszcz, Bush A, Fiez JA, Crone NE, Richardson RM (2021). Auditory cortex influences subthalamic nucleus activity during reading aloud. Annual meeting of the *Society for Neuroscience*, online.

Gebremedhen N, Durisko C, Duricy E, Ito K, Liew SL, Fiez JA (2020). Quality control of manual lesion tracing with automated segmentation approaches. *Society for the Neurobiology of Language*, online.

Gebremedhen N, Fraser C, Snow S, Durisko C, Berti L, Shixiiong J, Jacobs S, Fridriksson J, Fiez JA (2020). DeepMedic for automated lesion segmentation in chronic stroke. Annual meeting of the *Cognitive Neuroscience Society*. Boston, MA.

Koch GE, Durisko C, Liu R, Libertus ME, Fiez JA, Coutanche MA (2020). Neural representation of number across semantic, phonological, visual, and manual formats. Annual *NSF Brain Initiative Meeting*, Washington, DC.

Vogt KM, Ibinson JW, Mahajan AM, Aizenstein HJ, Fiez JA (2020). During acute intermittent pain, midazolam and ketamine distinctly alter functional connectivity between memory, pain, and fear response centers in the human brain. *15th Annual Symposium on Advances in Pain Research*, sponsored by the National Institutes of Health. Washington, DC.

Vogt KM, Smith CT, Mahajan A, Ibinson JW, Fiez JA (2020). Neural correlates of memory formation during period acute pain with low-dose midazolam and ketamine: A randomized within-subject crossover functional MRI study in healthy young adult subjects. Annual meeting of the *International Anesthesiology Research Society*. San Francisco, CA.

Liu R, Koch G, Coutanche MN, Fiez JA, and Libertus M. (2019). Representing numerical information across different formats in the adult brain. Annual meeting of the *Mathematical Cognition and Learning Society*. Ottawa, Canada.

Koch GE, Liu R, Libertsu ME, Fiez JA, Coutanche MN (2019). Neural representations of number across semantic, phonological, visual, and manual formats. Annual meeting of the *Society for Neuroscience*, Chicago, IL.

Libertus E, Coutanche M, Fiez JA, Koch G, Liu R (2019). Neural integration of visual and semantic number knowledge in 4th graders and adults. Annual *NSF Brain Initiative Meeting*, Washington, DC.

Ruizhe L, Koch G, Coutanche M, Fiez JA, Libertus M (2019). Representing numerical information across different formats in the adult brain. Annual *Cognition and Learning Society Conference*, Montreal, CA.

Baalason D, Durisko C, Fiez JA (2018). A new resource for aphasia research: The Western Pennsylvania Patient Registry (WPPR) and the Remote Acquisition of Neuropsychological Data (RAND) System. Annual meeting of the *Academy of Aphasia*, Montreal, CA.

Chrabaszcz A, Neumann WJ, Stretcu O, Lipski WJ, Bush A, Dastolfo-Hromack C, Wang D, Crammond DJ, Shaiman S, Dickey MW, Holt LL, Turner RS, Fiez JA, Richardson M (2018). Cortical and subcortical representations of consonant articulatory features. Annual meeting of the *Society for Neuroscience*, San Diego, CA.

Coutanche M, Fiez JA, Libertus M (2018). Neurobehavioral integration of visual and semantic number knowledge and its role for individual variation in math ability. Annual *NSF Brain Initiative Meeting*, Washington, DC.

Dastolfo-Hromack C, Alhourani A, Lipski WJ, Crammond DJ, Shaiman S, Dickey MW, Holt LL, Turner RS, Fiez JA, Richardson M (2018). Local field potentials in the human subthalamic nucleus predict scaling of speech production. Annual meeting of the *Society for Neuroscience*, San Diego, CA.

Ghuman AS, Li Y, Hirshorn EA, Richardson RM, Fiez JA (2018). Information processing dynamics in human category-sensitive ventral temporal cortex. Annual meeting of the *Organization for Human Brain Mapping*, Singapore.

Hirshorn EA, Carlos B, Durisko C, Perfetti C, Fiez JA, Coutanche MA (2018). Word inversion sensitivity as a marker of word identification style and visual word form area lateralization. Annual meeting of the *Society for Neuroscience*, San Diego, CA.

Lipski WJ, Richardson M, Bush A, Wang D, Dastolfo-Hromack C, Chrabaszcz, Crammond DJ, Shaiman S, Turner RS, Fiez JA (2018). Neuronal firing in the subthalamic nucleus encodes chunks in speech sequences. Annual meeting of the *Society for Neuroscience*, San Diego, CA.

Martin M, Durisko C, Moore MW, Fiez JA (2018). Learning to Read a Second Orthography Recruits the Visual Word Form Area and a Broader Reading Network. Annual meeting of the *Society for the Neurobiology of Language*.

Vogt KM, Ibsinson JW, Speer LE, Smith CT, Reder LM, Fiez JA (2018). Modulation of human memory by midazolam and ketamine during painful stimulation. Annual meeting of the *Society for Neuroscience in Anesthesiology and Critical Care*. San Francisco, CA.

Wang D, Lipski WJ, Bush A, Dastolfo-Hromack, Chrabaszcz A, Crammond DJ, Shaiman S, Turner RS, Fiez JA, Richardson M (2018). Differential modulation of neural activity in the ventral lateral nucleus of the thalamus during speech production. Annual meeting of the *Society for Neuroscience*, San Diego, CA.

Ward MJ, Boring MJ, Silson E, Richardson RM, Baker CI, Fiez JA, Ghuman AS (2018). Anterior fusiform naming area: a patch at the anterior tip of the fusiform causally linked to reading and language. Annual meeting of the *Vision Sciences Society*, St. Petersburg, FL.

Boring M, Ward MJ, Lipski WJ, Richardson RM, Fiez JA, Ghuman AS (2017). Functional connectivity dynamics of the left midfusiform gyrus during single, printed word presentation. Annual meeting of the *Vision Sciences Society*, St. Petersburg, FL.

Lipski WJ, Alhourani A, Prinia T, Jones PW, Dastolfo-Hromack C, Helous LB, Crammond DJ, Shaiman S, Dickey MW, Holt LL, Litman D, Turner RS, Fiez JA, Richardson RM (2017). Speech encoding in the human subthalamic nucleus. Annual meeting of the *Society for Neuroscience*, Washington, DC.

Adebiyi O, Durisko C, McCue M, Doyle PJ, Dickey MW, Fiez JA (2016). Remote acquisition of neuropsychological data through the use of a collaborative videoconferencing system. Annual meeting of the *Cognitive Neuroscience Society*. New York, NY.

Ghuman AS, Li Y, Hirshorn EA, Fiez JA, Richardson RM (2016). Information processing dynamics in human category-selective fusiform gyrus. Annual meeting of the *Vision Sciences Society*. St. Pete Beach, FL.

Hirshorn EA, Durisko C, Colarusso J, Simcox T, Fiez JA (2016). Stealth readers: Distinct reading profile of individuals with word inversion sensitivity. Annual meeting of the *Society for the Scientific Study of Reading*, Porto, Portugal.

Martin LM, Durisko C, Moore MW, Fiez JA (2016). Reading an artificial orthography results in left visual word form area activation. Annual meeting of the *Cognitive Neuroscience Society*. New York, NY.

Tremel JJ, Wheeler ME, Laurent PA, Wolk DA, Fiez JA (2016). Neural signatures of experience-based improvements in decision making. Annual meeting of the *Cognitive Neuroscience Society*. New York, NY.

Vogt KM, Ibinson JW, Tremel J, Popov V, Reder LM, Fiez JA (2016). Variability in the effect of experimental pain on long-term memory during sedation with dexmedetomidine and midazolam. Annual meeting of the *American Society of Anesthesiologists*, Chicago, IL.

Vogt KM, Ibinson JW, Tremel J, Reder LM, Fiez JA (2016). Acute experimental pain affects long-term memory of auditory cues presented during sedation with dexmedetomidine and midazolam. Annual meeting of the *International Anesthesia Research Society*, San Francisco, CA.

Vogt KM, Ibinson JW, Tremel J, Reder LM, Fiez JA (2016). Modulation of long-term auditory memory by acute pain, including during sedation with dexmedetomidine and midazolam. Annual meeting of the *Association of University Anesthesiologists*, San Francisco, CA.

Alvarez TA, Fiez JA (2015). Phonological recoding and orthographic learning: Testing the self-teaching hypothesis in young adults. Annual meeting of the *Society for the Scientific Study of Reading*, The Big Island, Hawaii.

Fiez JA (2015). Contributions of the cerebellum to reading development. Symposium on Cerebellar contributions to learning and cognition. Annual meeting of the *Cognitive Neuroscience Society*. San Francisco, CA.

Hirshorn EA, Durisko C, Moore M, Perfetti CA, Fiez JA (2015). Effects of mapping principle on the learning trajectory of two artificial orthographies. Symposium: Using dynamic learning studies to probe interactions between reading and lexical learning – Part 2. Annual meeting of the *Society for the Scientific Study of Reading*, The Big Island, Hawaii.

Liu AS, Schunn CD, Fiez JA, Libertus ME (2015). Symbolic Integration, Not Symbolic Estrangement, of Double-Digit Numbers. *Proceedings of the 37th Annual Conference of the Cognitive Science Society*, in press.

Lopresti C, Alvarez TA, Fiez JA (2014). Motor sequencing in the human cerebellum: How movement predictor and effector influence activity. Annual meeting of the *Society for Neuroscience*, Washington, DC.

Tremel JJ, Laurent PA, Wolk DA, Wheeler ME, Fiez JA (2014) Modulation of declarative memory efficacy affects neither learning rate nor the role of reinforcement learning systems in deterministic, feedback-based decision-making. Annual meeting of the *Society for Neuroscience*, Washington, DC.

Tremel JJ, Laurent PA, Wolk DA, Wheeler ME, Fiez JA (2014) Modulation of declarative memory efficacy affects neither learning rate nor the role of reinforcement learning systems in deterministic, feedback-based decision-making. Annual meeting of the *Society for Neuroscience*, Washington, DC.

Yang Y, Dickey MW, Fiez J, Murphy B, Mitchell T, Collinger J, Tyler-Kabara E, Boninger M, Wang W (2014). Concept encoding in individual neurons in motor cortex. Annual meeting of the *Society for the Neurobiology of Language*, Washington, DC.

Hirshorn E, Wrencher A, Schwartz R, Durisko C, Moore M, Fiez J (2013). Using artificial orthographies to study the neural correlates and fusiform laterality of writing systems with different grain sizes. Annual meeting of the *Society for the Neurobiology of Language*, San Diego, CA.

Moore M, Durisko C, Chen D, Brendel P, Hirshorn E, Fiez (2013). Reading houses : A house-based orthography elicits left fusiform activation. Annual meeting of the *Society for the Neurobiology of Language*, San Diego, CA.

Simcox T, Ben-Yehuda G, Perfetti C, Fiez J (2013). Word inversion reveals native language influences on lexical organization in a second language. Annual meeting of the *Society for the Neurobiology of Language*, San Diego, CA.

Simcox T, Ben-Yehuda G, Perfetti C, Fiez J (2013). Word inversion reveals native language influences on lexical organization in a second language. Annual meeting of the *Society for the Neurobiology of Language*, San Diego, CA.

Collins E, Moore M, Durisko C, Fiez J (2013). Building a better network : artificial orthographies and the serial decoding scaffold. Annual meeting of the *Society for the Neurobiology of Language*, San Diego, CA.

Lim S-J, Fiez JA, Holt LL (2013). Investigating the role of speech-selective regions during videogame-based non-speech sound category acquisition. Annual meeting of the *Society for the Neurobiology of Language*, San Diego, CA.

Moore MW, Fiez JA, Tompkins CA (2013). Differences between early-developing and late-developing phonemes: Implications for phonological deficits in SLI. *Annual Symposium on Research in Child Language Disorders*, Madison WI.

Lim S, Fiez JA, Wheeler ME, Holt LL (2013). Investigating the neural basis of video-game-based category learning. Annual meeting of the *Cognitive Neuroscience Society*, Toronto, Canada.

Simcox, T, Fiez JA (2013). Collecting response times using Amazon Mechanical Turk and Adobe Flash. Annual meeting of the *American Psychological Society*, Washington, DC.

Lim S, Fiez JA, Holt LL. (2013). Context-dependent modulation of striatal systems during incidental auditory category learning. Annual meeting of the *Society for Neuroscience*, San Diego.

Alvarez TA, Lopresti C, Durisko C, Tremel J, Fiez JA (2013). The cerebellum and cognition: Investigating functional specialization within the cerebellum. Annual meeting of the *Society for Neuroscience*, San Diego.

Lopresti C, Alvarez TA, Durisko C, Tremel J, Fiez JA (2013). The cerebellum and phonological processing: Common activation across verbal working memory and rhyme judgment tasks. Annual meeting of the *Society for Neuroscience*, San Diego.

Hirshorn EA, Wrencher A, Cordier J, Moore MW, Fiez JA (2012). Developing an alphasyllabary writing system for English: Implications for decoding and the VWFA.. Annual meeting of the *Society for the Neurobiology of Language*, Donostia, Spain.

Kallai A, Schunn CS, Fiez JA (2012). Automaticity in processing numbers that were never presented: An fMRI study. Annual meeting of the *Cognitive Neuroscience Society*, Chicago IL.

INVITED CONFERENCE AND WORKSHOP PRESENTATIONS (2012-PRESENT)

Fiez JA (2024, April). A journey from basic research to a reading intervention. Centre for Research on Brain Language, and Music Symposium, Montreal Neurological Institute, Montreal, Canada

Fiez JA (2023, March). Reading now & then. Presentation at WUNIC Symposium/Petersen Festschrift, Washington University in St. Louis, St. Louis, MO.

Fiez JA (2023, February). Comparing the reliability of virtual and in-person post-stroke neuropsychology assessment with speech and language tasks. Symposium presentation at the *Association for Research in Otolaryngology*, Orlando, FL

Fiez JA (2019, November). Session presentation for *Science 2019*, University of Pittsburgh.

Fiez JA (2019, October). Keynote address at the *International Conference on Psycholinguistics in China*. Chengdu, China.

Fiez JA (2018, June). Does L1 Chinese literacy affect L2 English reading? *International Workshop on Advanced Learning Sciences 2018*. Pittsburgh, PA.

Fiez JA (2018, September). The cerebellum and reading. *Parallel Distributed Processing and the emergence of an understanding mind. Symposium in honor of James L. McClelland*. Princeton, NJ.

Fiez JA (2018, August). How does your brain specialize itself for reading? Keynote address. Annual conference of the *Society for the Neurobiology of Language*. Quebec City, CA.

Fiez JA (2018, October). The cerebellum and language. Keynote address, Annual meeting of the *Academy of Aphasia*, Montreal, CA.

Fiez JA (2015, March). Contributions of the cerebellum to reading development. Symposium on Cerebellar contributions to learning and cognition. Annual meeting of the *Cognitive Neuroscience Society*. San Francisco, CA.

Fiez JA (2015, January). Modeling bilingual reading in artificial orthographies. Talk presented at the *Netherlands Institute for Advanced Study Workshop on Second Language Reading Across Languages and Writing Systems*, Wessenaar, The Netherlands.

Fiez JA (2014, November). Rewire. Talk presented at the *Unboxed Conference* sponsored by Leadership Pittsburgh, Farmington, PA.

Fiez (2014, November). *Perspectives on educational neuroscience*. Workshop sponsored by the *Society for Neuroscience*, Washington DC.

Fiez (2014, June). Educational neuroscience and reading. *Mini-Symposium on Educational Neuroscience*, Multimodal Neuroscience Training Program, Pittsburgh, PA.

Fiez (2012, May). Play, Attention, and Learning (PAL): How Does Play and Timing Shape the Development of Attention and Facilitate Classroom Learning? Workshop sponsored by the New York Academy of Sciences. New York, NY.

RECENT DEPARTMENTAL COLLOQUIA (2012-PRESENT)

Behavioral & Biomedical Sciences Program, West Virginia University, July, 2023
Core for Advanced Resonance Imaging, Baylor College of Medicine, January 2020
Center for Advances of Language Science, Beijing, China, October 2019
Center of Chinese Ministry of Education. Beijing, China, October 2019
Neurology Grand Rounds, University of Pittsburgh, February 2018
Huck Institutes Distinguished Lecturer, Penn State, April 2014
Neuroscience Program, University of Iowa, September 2013
Brain and Cognitive Sciences Department, MIT, October 2013
Temple Inst for Learning & Education Sciences, Temple University, October 2012
Department of Psychiatry, University of Pittsburgh, January 2012

PENDING GRANT SUBMISSIONS

NIH R01 GM155395
Race, awareness, consciousness, equity (RACE)
Total costs: \$5,150,384
Project title: Co-Investigator
Status: Pending funding decision

NIH R34 NS139995-01
Reducing Racial Disparities in Stroke Recovery
Total costs: \$450,000
Project title: Principal Investigator (MPI)
Status: Pending review

NIH R01 NS136932
The neuroanatomy of acalculia due to stroke
Total costs: \$2,144,742
Project title: Principle Investigator
Status: Under review

NSF
GCR: Design principles and mechanisms of learning by biological and artificial systems
Total costs: \$3,380,429
Project title: Co-Investigator
Submission planned for 4/12/2024

ACTIVE RESEARCH PROJECTS

Momentum Teaming Award Internal Grant
The Pittsburgh Learning Triangulum
Total costs: \$60,000
Project title: Co-PI

NIH R11 DC029963-01A1
High-resolution imaging of speech-induced sensory modulation
Total costs: \$1,496,000
Project title: Co-Investigator

LRDC Internal Grant 7/01/23-6/30/24
Studying the Neural Basis of Braille Literacy and Numeracy
Total costs: \$54,400
Project title: Principal Investigator

NIH T32 GM081760-01 7/1/22-6/30/27
Predoctoral Training Program in Behavioral Brain Research
Total costs: \$1,558,575
Project title: Principal Investigator

NIH U01 NS128921-01
The Neural Code and Dynamics of the Reading Network
Total costs: \$4,870,359
Project role: Co-Investigator (PI: Tandon)

LRDC Internal Grant 7/01/22-6/30/24
Testing the Efficacy and Mechanism of a Glass Analysis Method Reading Intervention

Total costs: \$148,707
Project title: Principal Investigator

NIH U01NS117836-01 9/17/20-6/30/25
Cortical-Basal Ganglia Speech Networks
Total costs: \$1,195,991
Project title: Co-Investigator (PI: Richardson)

NIH R01 HD096738-01A 9/12/19-7/31/24
Investigating the role of the cerebellum in reading
Total costs: \$3,453,356
Project role: Principal Investigator

NSF 1923129 9/1/19-8/31/22
Total costs: \$668,330
Studying the neural basis of numeracy using the lesion method
Project role: Principal Investigator

NSF 1734735 9/1/17-11/30/20
NCS-FO: Neurobehavioral integration of visual and semantic number knowledge and its role for individual variation in the math ability of children and adults
Total costs: \$982,661
Project role: Co-Principal Investigator (PI: Libertus)

NIH T32 GM081760-01 7/1/07-6/30/22
Predoctoral Training Program in Behavioral Brain Research
Total costs: \$1,558,575
Project title: Principal Investigator

PREVIOUSLY SPONSORED RESEARCH PROJECTS

NIH U01NS098969 7/30/2016-5/31/2019
Subthalamic and corticosubthalamic coding of speech production
Total costs: \$3,084,000
Subcontract to Fiez: ~ \$500,000
Project title: Co-Investigator (PI: Richardson)

NIH K18DC014577 5/01/2016-4/30/2018
Training in lesion-symptom mapping for speech-language research
Total costs: \$167,875
Project title: Principal Investigator

NIH R21MH106317 4/01/2015-3/31/17
Neural Substrates of Deterministic Decision Making
Total costs: \$401,694
Project title: Principal Investigator

NIH R21DC013568A 7/01/14-6/30/16
Remote Neuropsychological Assessment: A Proof-of-Concept Test
Total costs: \$423,500
Project title: Principal Investigator

NIH R01DC011520 04/01/12-3/31/16
Neural Basis of Verb-Argument Processing
Total costs: \$1,288,000
Subcontract to Fiez: 5% annual effort
Project title: Co-Investigator (PI: Dickey)

LRDC Internal Grants 7/1/14-6/30/16
The dangers of computation without quantitative meaning: Testing the case of symbolic
estrangement
Total costs: \$87,955
Subcontract to Fiez: ~ \$25,000
Project title: Co-Principal Investigator (PI: Libertus)

American Heart Association 1/01/14-12/31/16
Cyber-Enabled Neuropsychological Self-Assessment (CENSA) in Stroke Research
Total costs: \$150,000
Project role: Principal Investigator

NIH R01HD060388 8/15/2009-7/31/2014
Reading and the Right Fusiform
Total costs: \$1,545,000
Project role: Principal Investigator

NSF 1125719 9/01/2011-8/31/14
The Cerebellum and Language
Total costs: \$593,228
Project role: Principal Investigator

LRDC Internal Grants 7/1/11-6/30/13
The Cerebellum and Language
Total costs: \$88,209
Project title: Principal Investigator

NSF 0815945 8/15/09-7/31/11
Training in Arithmetical Fluency
Total costs: \$1,241,568
Project title: Principal Investigator

NSF/NIH Suppl Award SBE-0839229 7/1/09-6/30/10
Pittsburgh Science of Learning Center
Total costs: \$200,000
Project title: Project Principal Investigator (Center PI: Koedinger)

NIH RO1MH59256 1/1/06-12/31/11
Articulatory/Phonological Processes in Working Memory
Total costs: \$2,235,698
Project Title: Principal Investigator

NIH R01 DA018910 9/30/04-8/31/09
Pubertal Maturation and Drug Use Vulnerability
Total costs: \$1,466,875
Subcontract to Fiez: 0.6 months of annual salary
Project title: Co-investigator (PI: Dahl)

NIH R01 NS048178 7/15/05-5/31/09
fMRI in the Examination of Episodic Memory after TBI
Subcontract to Fiez: 5% annual effort
Project title: Co-investigator (PI: Ricker)

NIH R01 DA02463 1/1/06-12/31/08
Neural Bases of Executive Control in Addiction
Total costs: \$800,000
Project title: Principal Investigator

James S. McDonnell Foundation 12/01/02-5/1/07
The Functional Neuroanatomy of Reading: Comparative Research Across Writing Systems and Levels of Expertise
Total costs: \$446,796
Project Title: Principal Investigator

Pittsburgh Mind Body Center 1/1/07-12/31/07
Attentional bias, craving, and smoking-related cues: an fMRI investigation
Project title: Co-Investigator (PI: Tindle)

Pittsburgh Science of Learning Center (NSF) 10/1/06-8/31/07
Training of arithmetical fluency
Total costs: \$27,420
Project title: Principal Investigator

NIH P50 MH64445 6/01/02-5/30/07
Toward a Neurobiologically Constrained Framework for Modeling Human Cognition. Interactive Processes in Language: Sentence Processing
Total center costs: \$9,733,932
Subcontract to Fiez: \$438,388
Project Title: Co-Investigator (Center PI: McClelland; Project PI: McDonald)

NIH RO1MH59256 7/1/00-6/30/06
Articulatory/Phonological Processes in Working Memory
Total costs: \$1,469,319
Project Title: Principal Investigator

Pittsburgh Inst for Neurodegenerative Disorders 4/1/03-3/31/06
Functional Neuroimaging of Reward-related Processing in Parkinson's Disease
Total costs: \$25,000
Project Title: Principal Investigator

NIH 1R01 NS044837-01 10/01/02-6/30/05
Participation of the Cerebellum in Problem Solving
Total costs: \$772,000
Subcontract to Fiez: 0.6 months of annual salary support
Project Title: Co-investigator (PI: Houk)

NIH RO1 DA14103 8/01/01-12/31/05
fMRI Studies of the Neural Basis of Reward Processing
Total costs: \$879,042
Project Title: Principal Investigator

Alfred P. Sloan Foundation 9/16/99-9/15/01
Alfred P. Sloan Research Fellowship
Total costs: \$35,000
Project Title: Principal Investigator

NSF SBR 9873465 10/1/98-9/30/01
Computational Models and Coordinated Neuroimaging of Learning and Cognitive Function
Total costs: \$1,200,000
Project title: Co-Principal Investigator (PI: Schneider)

NSF IRI-9720350 10/1/97-9/30/00
The Biological Basis of Incremental Learning
Total costs: \$775,000 total award
Subcontract to Fiez: \$24,294
Project Title: Co-Principal Investigator (PI: Touretzky)

NSF IRI-9720348 10/1/97-5/31/00
Intervention Strategies that Promote Learning: Their Basis and Use in Enhancing Literacy
Total costs: \$998,161
Subcontract to Fiez: \$212,189
Project Title: Co-Principal Investigator (PI: McClelland)

PROFESSIONAL SERVICE

Member of the Editorial Board for:
Cerebral Cortex, Cerebellum, Journal of Neurolinguistics, Open Mind

Ad hoc manuscript reviewer (5-10 papers per year) for:
Brain, Brain and Language, Current Biology, Journal of Cognitive Neuroscience, Journal of Neuroscience, Neuroimage, Neuropsychologia, Proceedings of the National Academy of Sciences, USA

Selection committee member, Award for Education in Neuroscience (January 2024-present)
Member of the NIH Cognitive Neuroscience Study Section (June 2005-July 2009)
Member of the NIH Language and Communication Study Section (October 2011-June 2014)
Chair of the NIH Language and Communication Study Section (October 2014 – June 2016)

Ad hoc grant reviewer for the National Science Foundation, National Institutes of Health,
Neurobiology of Language Conference (2013, 2014, 2017)

ADVISORY BOARD SERVICE

Brain Imaging Center, Notre Dame University
Centre for Research on Brain, Language and Music, McGill University
McGovern Institute for Brain Research, Massachusetts Institute of Technology
CNC-CT T32 Program, University of Connecticut
BBS T32 Program, West Virginia University

UNIVERSITY AND DEPARTMENTAL SERVICE

Active service:

Co-Director, Center for the Neural Basis of Cognition (2022-present)
Co-Director, BRIDGE Center (2020-present)
Member, University Research Council (2012-present)
Co-Director, Western Pennsylvania Patient Registry (2008-present)
Co-Director, Behavioral Brain Research Training Program (2007-present)

Major past service:

Member, Dietrich School Diversity Committee (2016-2023)
Search committee for Chair of Communication Sciences & Disorders (2022-2023)
Chair, Steering Committee for the BRIDGE Center (2018-2020)
Member, CNBC Executive Committee (1997-2022)
Chair, Dept. of Psychology (2016-2022)
Member, Reimagining the CNBC Core Committee (2022)
Co-Manager, Neuroscience Imaging Center (2010-2019)
Member, Search Committee for the Vice-Chancellor for Research (2016-2017)
Member, CNUP Training Grant Steering Committee (2003-2016)
Member, Psychology Executive Committee (2002-2016)
Director of Graduate Studies and Chair, Graduate Education Committee (2009-2016)
Director, Hot Metal Bridge Fellowship Program in Psychology (2010-2015)
Member, Psychology Faculty Development Committee (2003-2007)
Chair, Cognitive Program in Psychology (2004-2006)
Chair, LRDC Strategic Planning Committees (2008-9, 2014)
Chair, LRDC Diversity Committee (2009-2011)
Member, LRDC Executive Committee (2003-2007)
Member, Provost's LRDC Search Committee (2007-2008)
Member, BIRC Management Committee (2002-2010)

COURSES TAUGHT

Undergraduate courses:

PSY1059: Advanced Lab: Neuropsychology of Brain Injury (20-2, 21-1)
PSY042/0421: Human Cognition (98-1, 99-1, 00-2, 01-2, 04-2, 05-2, 06-2, 08-1)
PSY1470: Brain and Cognition (99-1, 01-1, 02-1, 03-2, 07-2)
PSY1054: Emotion and the Brain (03-2, 05-1, 07-1, 10-1, 11-1, 13-1, 14-2)
PSY1059: Advanced Lab in the Neuropsychology of Brain Injury (20-2, 21-1, 24-2)

Graduate courses:

PSY2475: Behavioral Neuroscience (10-1, 12-1, 14-2, 16-2)
PSY2575: Perspectives on Psychology and Neuroscience (00-2, 01-2, 04-1, 06-1, 08-1)
PSY2575: Seminar on Affective Cognitive Neuroscience (01-2)
Guest lecturer in Neuro3, Graduate course in Systems Neuroscience (00-2, 02-1)
Faculty Supervisor, CNUP Journal Club (03-01)

CURRENT TRAINEE SUPERVISION

Graduate (Ph.D.) student supervision:

Erin Duricy, Neuroscience, 2019-
Sachi Paul, Clinical Psychology, 2022-

STUDENT COMMITTEES (2023-2024)

Xiaoxi (Amy) Qi (Fall 2022). Undergraduate Honors Thesis
Sophia Norvilas (Fall 2022). Undergraduate Honors Thesis
Vivek Rajkumar (Fall 2022). Undergraduate Honors Thesis
Xeuying (Caroline) Ren (Spring 2023). Psychology Dissertation Proposal
Lin (Zoe) Zhou (Spring 2023). Psychology Dissertation Proposal
Toni Kolobaric (Summer 2022). Neuroscience Comprehensive Exam.
Toni Kolobaric (Fall 2022). Neuroscience Dissertation Proposal

PREVIOUS TRAINEES

Post-doctoral fellow supervision:

Anna Chrabaszcz, Postdoc/Research Associate, 2017-2022
Keith Vogt, Assistant Professor of Anesthesiology, T32/K mentee, 2017-2022
Keith Vogt, 2015-2017 (T32 mentor)
Assistant Professor, University of Pittsburgh
Elizabeth Hirshorn, 2012-2017
Assistant Professor, SUNY New Paltz
Arava Kallai, 2009-2012
Postdoctoral fellow, Ben Gurion University
Susan Ravizza, 2001-2004
Associate Professor, Michigan State University

Simone Sprenger, 2003-2004

Assistant Professor, University of Groningen, Netherlands

Gal Ben-Yehuda, 2004-2009

Assistant Professor, Open University, Israel

David Fraser, 2006-2009

Assistant Professor, Chatham University

Hilary Tindle, 2005-2009 (K-award co-mentor)

Associate Professor of Medicine, Vanderbilt-Ingram Cancer Center

Graduate (Ph.D.) student supervision:

Travis Alvarez, Dept. of Psychology, 2012-2019

Lecturer, Dept. of Psychology, U. of Pittsburgh

Joshua Tremel, Dept. of Psychology, 2014-2018

Data Scientist, KPMG, Seattle, WA

Michelle Moore, Dept. of Communication Sciences & Disorders, 2005-2012

Assistant Professor, Dept. of Communication Sciences, U. of West Virginia

Karin Cox, Dept. of Psychology (Cognitive), 2004-2011

Masters student in Computer Science, University of Pittsburgh

Sara Guediche, Dept. of Neuroscience, 2004-2009

Postdoctoral fellow, Basque Center on Cognition, Brain, and Language, Spain

Alison Gilbert, Dept. of Psychology (Clinical), 2001-2008

Research Scientist, Northshore Health System

Steve Wilson (co-advisor with Michael Sayette), Dept. of Psych (Clinical), 2002-2008

Associate Professor, Penn State University

Elizabeth Tricomi, Psychology (Cognitive), 2000-2006

Associate Professor, Rutgers University

Jason Chein (co-advisee with Walt Schneider), Psychology (Cognitive), 1997-2004

Associate Professor, Temple University

Mauricio Delgado, Dept. of Neuroscience, 1998-2002

Associate Professor, Rutgers University

Graduate (M.S) student supervision:

August Vincent, Psychology, 2019-2023

Data analyst, University of Pittsburgh

Nadait Gebremedhen, Dept. of Psychology, 2019 - 2021

Pursuing U.S. medical licensure

Courtney Lopresti, Dept. of Neuroscience, 2010-2014

Medical content writer at Sovereign Health of California

Darshana Tuladhar, Dept. of Psychology, 2010-2013

User Research, Blink UX

Andrea Ponting, Dept. of Neuroscience, 2008-2010

Subsequently obtained a degree in Pharmacy

Dimitrios Donavos, Dept. of Psychology (Cognitive), 2000-2004

Research Adjunct, Maryland Center for Advanced Study of Language

Chris May, Dept. of Psychology (Cognitive), 2004-2006

Current position unknown