

WARREN WOODRICH PETTINE
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POSITIONS

Postdoctoral Fellow	Yale Medical School	2020-Present
Research Scientist	The Child Mind Institute	2019-Present
Postdoctoral Associate	New York University	2017-2020

EDUCATION

M.D.	University of Colorado	2017
Medical Research Fellow	Stanford University	2015-2016
B.A., History and Philosophy	Colorado College	2004-2008

COURSES

Methods in Computational Neuroscience	Marine Biological Laboratory, MA	2019
Computational Psychiatry Course	ETH, Zurich	2018

FELLOWSHIPS & AWARDS

National Institute of Health Loan Repayment Award	2018-Present
Joseph and Regina Glaser Research Prize for best medical student research project	2017
Howard Hughes Medical Institute Medical Fellow	2015-2016
American College of Physicians Young Achiever	2014
Bob Brockman, MD, Memorial Fund Scholarship for Medical Students & Residents	2013
Adler Scholarship	2013
Cum Laude, Colorado College	2008
Eagle Scout	2003

PUBLICATIONS

Hierarchical Network Model Excitatory-Inhibitory Tone Shapes Alternative Strategies for Different Degrees of Uncertainty in Multi-Attribute Decisions

Pettine, W. W., Louie, K., Murray, J. D., Wang, X. J.
bioRxiv, 2020 (Under review at eLife)

Laminar Segregation of Sensory Coding and Behavioral Readout in Macaque V4

Pettine, W. W., Moore, T., Steinmetz, N.
PNAS, 2019

Symbol addition by monkeys provides evidence for normalized quantity coding
Livingstone, M., **Pettine, W. W.**, Srihasam, K., Moore, B., Morocz, I. A., Lee D.
PNAS, 2014

The Efficacy of Manual Axially Loaded Magnetic Resonance Imaging in Diagnosing Potential Thoracolumbar Osteoporotic Fracture Instability: A Case Report

Yazar, T., Delasotta, L. A., Pearson, A., Sidhu, G., Gruskay, J., Vaccaro, A., **Pettine, W.**, Radcliff, K., Kepler, C., Pettine, K.
The Open Spine Journal, 2011

Characterization of Novel Microelectrode Geometries for Detection of Neurotransmitters

Pettine, W., Jibson, M., Chen, T., Tobet, S., Nikkel, P., Henry, C. S.
IEEE Sensors Journal, 2011

REVIEWS AND BOOK CHAPTERS

A Role for Gaze Control Circuitry in the Selection and Maintenance of Visual Spatial Information

Moore, T., Jonikaitus, D., **Pettine, W. W.**
The Cognitive Neurosciences (Gazzaniga, M.). MIT Press, 2020

Prefrontal Contributions to Attention and Working Memory
Bahmani Z, Clark K, Merrikhi Y, Mueller A, **Pettine W**, Vanegas MI, Moore T, Noudoost B.
Current Topics in Behavioral Neurosciences, 2019

INVITED TALKS

Behavioral Mechanisms of Excitatory and Inhibitory Dysfunction in Autism	The Child Mind Institute	2020
Neural network models of multi-attribute choice behavior in autism	NYU	2019
Neural Circuit Mechanisms of Multi-Alternative, Multi-Attribute Decisions	NYU	2019
Decision Making: Apples and Oranges	Cambridge University	2019
Computational Models of Social Decision-Making	University of Pennsylvania	2018
Data Sufficiency in Neural Recordings of a Working Memory Task	Western University, London Ontario	2018

CONFERENCE PRESENTATIONS

Coding of Visual Stimuli and Attentional State Across Layers of Area V4
Pettine, W. W., Steinmetz, N. A., Moore, T.
COSYNE, 2017

Coding of Visual Stimuli and Attentional State Across Layers of Area V4
Pettine, W. W., Steinmetz, N. A., Moore, T.
SFN, 2016

Decoding V4 laminar population response during covert and overt attention
Pettine, W. W., Steinmetz, N. A., Moore, T.
AREADNE, 2016

Decoding V4 laminar population response during covert and overt attention
Pettine, W. W., Steinmetz, N. A., Moore, T.
FENS, 2016

V4 Laminar Population Response During Covert and Overt Attention
Pettine, W. W., Steinmetz, N. A., Moore, T.
Howard Hughes Medical Institute, Medical Fellows Meeting, 2016

Coexisting Primary Hyperparathyroidism and parathyroid hormone-related peptide producing epithelioid angiosarcoma causing malignant hypercalcemia
Pettine, W. W., Barnes, C.
American College of Physicians, 2014

Monkey Math: Linear Symbolic Addition by Macaques
Pettine, W. W., Moore, B., Livingstone M.
SFN, 2012

Spine stabilization with the Coflex artificial disc
Pettine, K., **Pettine, W. W.**
Asian Pacific Spine Arthroplasty Society, 2010

PROFESSIONAL SERVICE

Cosyne Reviewer	2019
Ad Hoc Reviewer: Nature Neuroscience	2019
Ad Hoc Reviewer: Journal of Neurophysiology	2019
Ad Hoc Reviewer: eLife	2018

Curriculum Steering Committee, The University of Colorado School of Medicine	2012-2015
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PREDOCTORAL RESEARCH

Research Assistant	Dr. Margaret Livingstone, Harvard Medical School	2010-2012
Research Assistant	Dr. Stuart Tobet, Colorado State University	2009-2010

POLICY WORK

Director	The Colorado Medical Political Action Committee Board of Directors	2013-2015
Research Assistant	Dr. Ben Miller, University of Colorado Family Medicine Department	2013-2015
Legislative Aid	Colorado State Senator John Kefalas	2013-2015
Principal Investigator	A Qualitative Investigation of Barriers to Care for Operation Iraqi Freedom and Operation Enduring Freedom Veterans	2013-2014
Student Representative	The Colorado Medical Society Council on Legislation	2013-2014
Assistant to Staff	United States Congresswoman Betsy Markey	2008-2009