

WARREN WOODRICH PETTINE  
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## EDUCATION

Postdoctoral Fellow	Yale Medical School	2020-Present
Postdoctoral Fellow	New York University	2017-2020
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	Woods Hole, 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

#### PREDOCTORAL RESEARCH

Research Assistant	Dr. Margaret Livingstone, Harvard Medical School	2010-2012
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