

Pavan Ramdya, Ph.D.

École Polytechnique Fédérale de Lausanne
Brain Mind Institute & Institute of Bioengineering
Neuroengineering Laboratory

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Education

Ph.D. **Harvard University**, Neurobiology - Cambridge, MA USA 2009

B.A. **Drew University**, Neurobiology - Madison, NJ USA 2001
Summa cum laude, Phi Beta Kappa, Honors in Neurobiology

Professional appointments

Tenure-track Assistant Professor - Firmenich Next Generation Chair 7/2017 –
École Polytechnique Fédérale de Lausanne (EPFL) - Lausanne, Switzerland
Director of Neuroengineering Laboratory

Swiss National Science Foundation Postdoc.Mobility Fellow
California Institute of Technology - Pasadena, CA USA 2/2015 – 7/2017
Laboratory of Michael H. Dickinson

University of Lausanne (UNIL) - Lausanne, Switzerland 4/2016 – 8/2016
Laboratory of Richard Benton

Human Frontier Science Program Long-Term Postdoctoral Fellow 8/2009 – 2/2015
University of Lausanne (UNIL) - Lausanne, Switzerland
Laboratory of Richard Benton

École Polytechnique Fédérale de Lausanne (EPFL) - Lausanne, Switzerland
Laboratory of Dario Floreano

National Science Foundation and NDSEGF Predoctoral Fellow 9/2003 – 6/2009
Harvard University - Cambridge, MA USA
Laboratory of Florian Engert

Fellowships and Awards

SNSF Eccellenza Grant Awardee (2019-2024) 11/2018

FENS-Kavli Network of Excellence Membership (2018-2022) 7/2018

HFSP Career Development Award 3/2016

Wellcome Trust, Sir Henry Dale Fellowship (declined) 3/2016

UNIL Biology and Medicine, Young Investigator Award in Basic Science 6/2015

Life Sciences Switzerland, 'PIs of Tomorrow' Best Presentation 1/2015

Swiss National Science Foundation, Advanced Postdoc.Mobility Fellowship 12/2014

ESF-EMBO Flies, Worms & Robots Conference, Travel Grant 8/2014

Human Frontier Science Program, Long-Term Postdoctoral Fellowship 3/2009

Harvard University, Derek Bok Award for Teaching 6/2007

National Science Foundation, Predoctoral Fellowship 3/2005

National Defense Science and Engineering, Predoctoral Fellowship 3/2005

Teaching

Controlling Behavior in Animals and Robots, EPFL, Switzerland Spring 2019

Python Bootcamp (Instructors: Justin Bois & Shyam Saladi, Caltech) 7/2018

Chemosensory Neurobiology: Teaching Fellow, UNIL, Switzerland 10/2013

Systems Neurobiology: Teaching Fellow, Harvard, USA Spring 2007

Seminars (past 5 years)

Morgridge Institute for Research, Madison, Wisconsin USA	8/2018
University of Geneva, Dept. of Genetics & Evolution, Geneva, Switzerland	6/2018
Janelia Research Campus, Ashburn, VA USA, Neural Circuits of the Insect VNC	4/2018
Columbia University: Brain Circuits, Memory and Computation, NYC, USA	3/2018
Max Planck Institute for Neurobiology, Munich, Germany	12/2017
Human Frontier Science Program meeting, Lisbon, Portugal	7/2017
A*, Institute of Molecular and Cellular Biology, Singapore	6/2017
UCSD Mechanical and Aerospace Engineering, CA USA	5/2017
Society for the Neural Control of Movement meeting, Jamaica	4/2016
JEB Symposium: Evolution of Social Behaviour, Murren, CH	3/2016
University of California, Santa Barbara, CA USA	3/2016
Washington University in St. Louis, St. Louis, MO USA	2/2016
University of Lausanne, Dept. of Fundamental Neuro., Lausanne, CH	2/2016
McGill University, Montreal, Quebec, Canada	2/2016
University of Michigan, Ann Arbor, MI USA	2/2016
Johns Hopkins University, Baltimore, MD USA	1/2016
Stowers Institute for Medical Research, Kansas City, MO USA	1/2016
EPFL Institute of Bioengineering, Lausanne, Switzerland	4/2015
Max Planck Institute for Collective Behaviour, Konstanz, Germany	4/2015
Stanford University Neuroscience and Bioengineering, Palo Alto, CA USA	3/2015
Salk Institute for Biological Studies, La Jolla, CA USA	3/2015
Institute of Science and Technology Austria, Klosterneuburg, Austria	3/2015
Biozentrum - University of Basel, Basel, Switzerland	2/2015
Janelia Research Campus, Ashburn, VA USA	2/2015
University of Zurich, Life Sciences Switzerland Meeting, Zurich, CH	1/2015
Columbia University, Zuckerman Mind Brain Behavior Institute, NY, NY USA	1/2015
University of Oxford, Centre for Neural Circuits and Behaviour, Oxford, UK	12/2014
ESF-EMBO Symposium: Flies, Worms and Robots, Sant Feliu, Spain	11/2014
University of Cambridge, Dept. of Zoology, Cambridge, UK	10/2014
Northwestern University Neurobiology Department, Evanston, USA	7/2014
Institute for Molecular Pathology (IMP), Vienna, Austria	1/2014

Mentorship*Postdoctoral Trainees*

Adam Gosztolai	2019 -
Daniel Morales (Swiss Government Excellence Scholar)	2018 -

*EPFL Doctoral Students*Neuroscience (EDNE)

Victor Lobator Ríos (Conacyt Scholar)	2018 -
Florian Aymanns (Boehringer Ingelheim Fonds Scholar)	2018 -
Chin-Lin Chen	2017 -

Bioengineering (EDBB)

Laura Hermans (Marie Curie Innovator Scholar)	2018 -
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Computer Science (EDIC)

Semih Gunel (iPhD cross-laboratory student with Pr. Pascal Fua)	2018 -
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Professional affiliations

Swiss Society for Molecular and Cellular Biosciences	2013 – Present
Society for Neuroscience	2003 – Present

Peer review duties

ERC Synergy & Consolidator Grant Referee
 Swiss National Science Foundation (SNSF) Grant Referee
Elife, *PNAS*, *Nat. Comm.*, *Neuron*, *Curr. Biol.*, *J. Neurosci.*, *PLOS Biol.*, *JEB*, *Sci. Rep.*