

Curriculum Vitae
Of
Monica L. Linden
9 Secret Garden Ln
Franklin, MA 02038

Education:

Massachusetts Institute of Technology

Cambridge, MA

Doctor of Philosophy – June, 2008

PhD in Neuroscience, majoring in Systems Neuroscience and minoring in Computational Neuroscience.

Dissertation: LGN Activity during Ocular Dominance Plasticity *in vivo*. Completed in the laboratory of Prof. Mark Bear

Brown University

Providence, RI

Master of Arts *ad eundem* – June, 2017

Center for Mindful Inquiry/Antioch University

Barre, MA/Online

Graduate Certificate – January – December, 2011

Certificate program in Mindfulness for Educators.

Massachusetts Institute of Technology

Cambridge, MA

Bachelor of Science - June, 2002

Bachelor of Science degrees in Mathematics with Computer Science and Brain and Cognitive Sciences, Minor in Ancient and Medieval Studies.

Professional Appointments:

Senior Lecturer – Brown University

Providence, RI

September 2016 – present

Lecturer - Brown University

Providence, RI

September 2011 - 2016

Textbook Consultant – Lippincott Williams and Wilkin

Summers 2010, 2012, 2014, 2015

Assisted the authors (Bear, Connors and Paradiso) in the writing of the 4th edition of *Neuroscience, Exploring the Brain*. Revised ancillary materials. Edited online question database.

Visiting Lecturer – Massachusetts Institute of Technology

Cambridge, MA

September – December 2012

Included guest lecturing and consulting on the development of a new undergraduate curriculum.

Lecturer - Massachusetts Institute of Technology

Cambridge, MA

August 2009 – August 2011

Instructor - The Princeton Review

Boston, MA

June 2010 – July 2011

Sr. Consultant - Booz Allen Hamilton, Inc.

Arlington, VA

August 2008 – August 2009

Government consultant working on projects for several agencies including the Defense Advanced Research Projects Agency (DARPA), the Intelligence Advanced Research Projects Activity (IARPA), National Institutes of Health (NIH) and the Office of Naval Research (ONR)

Subject Matter Expert - Lippincott Williams and Wilkin

Somerville, MA

Fall 2005

Reviewed manuscripts of ancillary material, specifically “Student Assignments and Activities” for *Neuroscience, Exploring the Brain*, 3rd Edition by Bear, Connors and Paradiso.

Publications:

Refereed Journal Articles:

I. Harrington, W. Grisham, D.J. Brasier, S.P Gallagher, S.S. Gizerian, R.G. Gordon, M. Hagenauer, **M.L. Linden**, B. Lom, R. Olivo, N.J. Sandstrom, S. Stough, A. Stuart, I. Vilinsky, M. Wiest. An Instructor’s Guide to (Some of) the Most Amazing Papers in Neuroscience. *The Journal of Undergraduate Neuroscience Education (JUNE)*. Fall 2015. 14(1):R3-R14.

R.F. Olivo, J.R. Burdo, R. Calin-Jageman, W.E. Grisham, **M.L. Linden**, R.L. Rosenberg, L.L. Symonds, J.E. Thornton. ERIN: A portal to resources for higher education in neuroscience. *The Journal of Undergraduate Neuroscience Education (JUNE)*, Summer 2015, 13(3):A126-A130.

M.L. Linden, A.J. Heynen, R. Haslinger, M.F. Bear. Thalamic activity that drives visual cortical plasticity. *Nat Neurosci*. 2009 Apr;12(4):390-2

Non-refereed Journal Articles:

M. Linden, M. Wright. Diversity and Inclusion – Put It In the Syllabus!. *Tomorrow’s Professor*. March 2018. <https://tomprof.stanford.edu/posting/1625>

Abstracts:

M.L. Linden. Advocating to Learn. *Society for Neuroscience, Abstracts*, November 11 – 15, 2017. Society for Neuroscience Annual Meeting. Washington, DC.

M.L. Linden. A web application for automatically generating customized, individual assessment feedback reports. *Journal of Microbiology and Biology Education, ASMCUE Microbrew Abstracts*, July 21 – 24, 2016. American Society for Microbiology Conference for Undergraduate Educators, Bethesda, MD.

M.L. Linden, J.A. Lirot, H.K. Gildea, E.V. Jang, J.C. Jones. Assessment feedback improves student performance on questions requiring higher-order cognitive skills. *Journal of Microbiology and Biology Education, ASMCUE Abstracts*, May 28 – 31, 2015. American Society for Microbiology Conference for Undergraduate Educators, Austin, TX.

M.L. Linden and D.L. Sheinberg. Providing an authentic laboratory experience through data exploration modules. *Journal of Microbiology and Biology Education, ASMCUE Microbrew Abstracts*, May 28 – 31, 2015. American Society for Microbiology Conference for Undergraduate Educators, Austin, TX.

M.L. Linden, J.A. Lirot, H.K. Gildea, E.V. Jang, J.C. Jones. Assessment feedback improves student performance on questions requiring higher-order cognitive skills. *Program in Educational Faculty Development of Alpert Medical School, Abstracts*, April 6, 2015. Medical Education Scholarship Seminar, Providence, RI.

M.L. Linden. Learning about one's own learning in an undergraduate learning and memory course. *Society for Neuroscience, Abstracts*, November 9 – 13, 2013. Society for Neuroscience Annual Meeting, San Diego, CA.

R.F. Olivo, J.R. Burdo, R. Calin-Jageman, W.E. Grisham, **M.L. Linden**, R.L. Rosenberg, L.L. Symonds, J.E. Thornton. ERIN: Resources to enhance teaching of neuroscience. *Society for Neuroscience, Abstracts*, November 9 – 13, 2013. Society for Neuroscience Annual Meeting, San Diego, CA.

C. Stanley, S. Dreye-Leon, S. Solloway, E. Leons, **M.Linden.** Mindfulness and Reflection: Tools for Clarity, Creativity and Compassion in the Classroom and Academy. *The Contemplative Campus, Abstracts*, November 11-13, 2011. Association for Contemplative Mind in Higher Education Conference, Amherst, MA.

M.L. Linden, A.J. Heynen, R. Haslinger, E. N. Brown, M. F. Bear. LGN activity patterns during ocular dominance plasticity. *Society for Neuroscience, Abstracts*, November 3 – 7, 2007. Society for Neuroscience Annual Meeting, San Diego, CA.

M.G. Shuler, **M.L.Linden**, M.Bear. Learning induced, persistent reward-related activity in the primary visual cortex of adult rodents. *Society for Neuroscience, Abstracts*, October 23 – 27, 2004. Society for Neuroscience Annual Meeting, San Diego, CA.

Invited Lecture:

M.L. Linden. Communicating with your Large Lecture Class. Tufts University, Center for the Enhancement of Learning and Teaching, October 12, 2018.

M.L. Linden. Advocating for Neuroscience. *NEURON Conference*, Quinnipiac University, February 25, 2018.

R. Olivo, W. Grisham, B. Rosenberg, J. Burdo, **M. Linden**, J. Thornton, L. Symonds, R. Calin-Jageman. Professional Development Workshop on Teaching Neuroscience: A Preview of ERIN, Educational Resources in Neuroscience. *Society for Neuroscience*, November 12-16, 2011. Society for Neuroscience Annual Meeting, Washington, DC.

Service:

To the University STEM TEAM Advising Leader	2017 - present
HHMI Teaching Grant Team Member	2017
Faculty Teaching Excellence Selection Committee	2017
Department of Neuroscience Undergraduate Curriculum Committee	2016 - present
Campus Life Advisory Board	2016 – present
Faculty Advising Fellow	2016 – present
The Curriculum at 50 Steering Committee	2016 – present
Diversity and Inclusion Action Plan Committee Member – BioMed	2016
Curricular Resource Center 40th Anniversary Advisory Committee and Breakout Group Leader	2016

Sheridan Center “Inclusive Teaching in STEM” Workshop Facilitator 2016

Teaching with Technology Award Selection Committee 2016

Sheridan Center Certificate I Program Presenter 2015 – present

Transformative Conversations@Brown Project Facilitator 2015

Science Center “Internal” Evaluation Team 2015

Sheridan Center Certificate II Program Speaker 2014

Sheridan Center Faculty Roundtable Discussion Leader 2014 – 2016

Catalyst Faculty Host 2014

Sheridan Center Departmental Liaison 2013 – present

Academic Technology Steering Committee 2013 – present

Orientation Academic Expo Departmental Representative 2013 - 2017

Sheridan Center New TA Orientation Departmental Discussion Leader 2013, 2015

Contemplative Studies Initiative Core Faculty Member 2012- present

Instrumental in the establishment of the Scholarly Concentration 2014

A Day on College Hill Academic Fair Departmental Representative 2012 - 2015

Neuroscience Department Education Committee Member 2012 – present

To the Profession

Society for Neuroscience Government and Policy Advocacy Committee Member 2018 - present

Society for Neuroscience Professional Development Workshop – Organizer 2017

“Evidence-based approaches to teaching neuroscience.”

Society for Neuroscience Early Career Policy Ambassador 2017

Journal of Microbiology and Biology Education (JMBE) – Reviewer 2016 – present

NSF iNEURO Workshop – Participant Fall 2014

NorthEast Under/graduate Research Organization for Neuroscience (NEURON) – Steering Committee Member 2009 –11, 2013 –present

Educational Resources in Neuroscience (ERIN) – Editor Summer 2011 – 2014

ERIN is a database of educational resources, primarily for undergraduate education, developed by the Society for Neuroscience and funded by a National Science Foundation grant.

Faculty for Undergraduate Neuroscience (FUN) – Councilor Fall 2011 – 2013

FUN is an international organization that is focused on neuroscience education and research at the undergraduate level.

Journal for Undergraduate Neuroscience Education (JUNE) – Reviewer

Summer 2011

NeurOnline – Champion

Spring 2011

NeurOnLine is an online community for neuroscientists developed by the Society for Neuroscience.

To the Community:

School Committee Member

2017 – present

Franklin Public Schools; Franklin, MA

Harvard Science Policy Group – Speaker

Fall 2017

“Running for Office”; Cambridge, MA

Brown University Women in Science and Engineering High School Outreach – Presenter

Fall 2017

Women in STEM Conference – Presenter

Spring 2016, 2017

Medway High School; Medway, MA

STEM Saturday for Girls – Keynote Speaker

Spring 2016

Medway Public Schools; Medway, MA

Boston Brain Bee – Volunteer

Spring 2011, 2010

Johns Hopkins CTY Family Academic Program MIT – Volunteer

Fall 2010

Cambridge Science Festival – MIT Brain and Cognitive Sciences Activity – Volunteer

Spring 2010

Academic Honors

Barrett Hazeltine Citation for Excellence in Teaching, Guidance and Support, presented by the graduating senior class (2018)

Zern Endowment Recipient – Brown University Dean of the College, to support improvements to NEUR1030 – Neural Systems (2018)

Wolfram Summer School Participant (2017)

Barrett Hazeltine Citation for Excellence in Teaching, Guidance and Support, presented by the graduating senior class (2017)

Dean’s Award for Excellence in Undergraduate Teaching, Advising and Mentoring in the Biological Sciences (2017)

Writing Across the Curriculum Faculty Seminar (2017)

Society for Neuroscience Early Career Policy Ambassadors Program (2017)

Brown University Elizabeth LeDuc Award for Excellence in Teaching in the Life Sciences (2016)

Brown University Teaching with Technology Model Course Award (2015)

ASMCUE Early-Career Faculty Travel Award (2015)

Brown University Undergraduate Council of Students Teaching and Advising Award (2014)

ASM Biology Scholars Research Residency – Scholarship of Teaching and Learning (2014)

ASM Biology Scholars Research Residency Travel Grant (2014)

Brown University Summer Institute for Teaching and Technology (2012, 2014)

Elizabeth Leduc Award for Excellence in Teaching - Nominee (2014)

Teaching with Technology Award – Nominee (2014)

FLO: Facilitating Learning Online Certificate (2014)

Brown University Sheridan Center Junior Faculty Teaching Fellow (2013)

Brown University Pedagogy Grant for Contemplative Studies (2012)

Brown University Sheridan Teaching Certificate I (2012)

MIT School of Science “Spot” Award (2010)

MIT School of Science “Dot” Award (2010)

National Institutes of Health National Research Service Award Predoctoral Fellowship (2007)
 Walle Nauta Award for Continuing Dedication to Teaching (2006)
 Dean's Educational and Student Advising Award – MIT School of Science (2005)
 Agnus MacDonald Award for Excellence in Undergraduate Teaching (2005)
 National Science Foundation Graduate Research Fellowship (2002)
 National Physical Science Consortium Fellowship (2002 – declined)
 MIT Brain and Cognitive Sciences Award for Academic Excellence (2002)
 Phi Beta Kappa Honor Society
 Sigma Xi Research Honor Society

Teaching

Regular Courses

NEUR1030 Neural Systems (90 students) *Fall 2018*
NEUR1930N Region of Interest – An In-Depth Analysis of One Brain Area (Amygdala) (17 students) *Fall 2018*
NEUR0010 The Brain: An Introduction to Neuroscience (Guest Lecture) *Fall 2018*
NEUR1540 Neurobiology of Learning and Memory (30 students) *Spring 2018*
Alpert Medical School First Year – Brain Sciences (Guest Lectures) *Winter 2018*
NEUR1030 Neural Systems (105 students) *Fall 2017*
NEUR1930N Region of Interest – An In-Depth Analysis of One Brain Area (Cerebellum) (15 students) *Fall 2017*
NEUR0010 The Brain: An Introduction to Neuroscience (Guest Lecture) *Fall 2017*
NEUR1540 Neurobiology of Learning and Memory (44 students) *Spring 2017*
Alpert Medical School First Year – Brain Sciences (Guest Lectures) *Winter 2017*
NEUR1030 Neural Systems (99 students) *Fall 2016*
NEUR1930N Region of Interest – An In-Depth Analysis of One Brain Area (Amygdala) (17 students) *Fall 2016*
NEUR0010 The Brain: An Introduction to Neuroscience (Guest Lecture) *Fall 2016*
NEUR1030 Neural Systems (114 students) *Fall 2015*
NEUR2050 Advanced Neural Systems (12 students) *Fall 2015*
NEUR1540 Neurobiology of Learning and Memory (35 students) *Spring 2015*
NEUR1930N Region of Interest – An In-Depth Analysis of One Brain Area (Basal Ganglia) (14 students) *Spring 2015*
NEUR1030 Neural Systems (132 students) *Fall 2014*
NEUR2050 Advanced Systems Neuroscience (11 students) *Fall 2014*
 Co-taught with Prof. David Sheinberg
Coursera: Exploring Neural Data (MOOC) (~31,000 students) *Fall 2014*
 Co-taught with Prof. David Sheinberg
NEUR0010 The Brain: An Introduction to Neuroscience (Guest Lecture) *Fall 2014*
NEUR1520 Exploring Neural Data (14 students) *Spring 2014*
 Co-taught with Prof. David Sheinberg
NEUR1540 Neurobiology of Learning and Memory (30 students) *Spring 2014*
Alpert Medical School First Year – Brain Sciences (Guest Lecture) *Winter 2014*
NEUR1030 Neural Systems (135 students) *Fall 2013*
NEUR1930N Region of Interest – An In-Depth Analysis of One Brain Area (Thalamus) (14 students) *Fall 2013*
NEUR0010 The Brain: An Introduction to Neuroscience (Guest Lecture) *Fall 2013*
NEUR1540 Neurobiology of Learning and Memory (33 students) *Spring 2013*
NEUR1030 Neural Systems (116 students) *Spring 2013*

NEUR1540 Neurobiology of Learning and Memory (28 students)	<i>Spring 2012</i>
NEUR1030 Neural Systems (109 students)	<i>Fall 2011</i>
Independent Study	
GISP0008 Music Cognition (10 students)	<i>Spring 2014</i>
Independent Study (1 student)	<i>Spring 2014</i>
GISP0005 Neuroeconomics (6 students)	<i>Fall 2013</i>
Independent Study (2 students)	<i>Fall 2013</i>
Summer Courses	
NEUR1520 Exploring Neural Data (9 students)	<i>Summer 2015</i>
Courses not at Brown:	
MIT 9.01: Introduction to Neuroscience (~110 students) Co-taught course with Profs. Mark Bear and Sebastian Seung.	<i>Fall 2012, 2010, 2009</i>
MIT 9.52: Quantitative Methods in Brain and Cognitive Sciences (10 students) Co-taught with Prof. Emery Brown.	<i>Spring 2011</i>
MIT 9.02: Systems Neuroscience Laboratory (13 students) Led weekly recitation sections and provided technical support to this laboratory course.	<i>Spring 2011, 2010</i>
MIT 9.A17: The Freshman Brain (8 student-advisees) Led this weekly freshmen seminar course.	<i>Fall 2010</i>
Princeton Review MCAT Biology Preparation Course – Instructor	<i>Summer 2010 – Summer 2011</i>
Led intensive preparation sessions (~18 students) covering the entire content of the biology portion of the MCAT exam including both general biology topics and human physiology.	
Academic Advising and Related Activities	
Faculty Advising Fellow	<i>Fall 2016 – present</i>
Concentration Advisor for Neuroscience (34 students to date)	<i>Spring 2011 - present</i>
First Year Advisor (12 students to date)	<i>Fall 2013 – present</i>
Transfer Advisor (Sophomore Year, 8 students to date)	<i>Fall 2016 - present</i>
Sophomore Year Advisor (15 students to date)	<i>Fall 2014 – present</i>
UTRA student advisor (2 students to date)	<i>Spring 2014 – 2015</i>
Technology TA advisor (1 student to date)	<i>Spring 2015 – 2016</i>
Royce Fellowship Advisor (1 student to date)	<i>Spring 2015 - 2016</i>
Reader for Senior Honors Theses (13 to date)	<i>Spring 2011 – present</i>
TEAM (Team Enhanced Advising and Mentoring) member	<i>Fall 2013 – 2015, 2016 - present</i>
Science Friday participant	<i>Spring 2012 – present</i>
Brown University Ballroom Dance Team – Dancing with the Professors	<i>AY2014/15</i>
Invited Guest to WiSE Lunch (Women in Science and Engineering)	<i>Spring 2016, 2017</i>
Invited Guest to Mocktails and Conversation – Alpha Chi Omega	<i>Spring 2015</i>
Invited Guest to Student-Faculty Wine and Cheese Mixer	<i>Spring 2014 - 2016</i>
Invited Lecture for STEAM	<i>Spring 2014</i>
Invited Guest at WiSE Dinner (Women in Science and Engineering)	<i>Spring 2014</i>
Invited Guest at Cheetah House	<i>Spring 2012</i>