

Olivia M. Fitch
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EDUCATION

PhD in Neuroscience	Baylor College of Medicine, Houston TX	April 2015
BA in Biology	College of Arts and Sciences, Cornell University, Ithaca, NY	May 2000

LICENSURE & CERTIFICATION

General Lines - Life, Accident, Health and HMO Insurance Agent	Active	2015 to 2016
	Texas Department of Insurance	

PROFESSIONAL EXPERIENCE

School of Nursing, UTHealth at Houston, TX	Assistant Professor / Academic Coach	February 2016 to Present
Virginia Tech Carilion Research Institute, Roanoke VA	Visiting Scholar	2010-2015
Baylor College of Medicine, Houston TX	PhD Student	2003-2015
Baylor College of Medicine, Houston TX	Research Technician	2001-2003
Texas A&M University, College Station, TX	Research Assistant	2000-2001

HONORS & AWARDS

Carilion Research Day Poster Award	Carilion Clinic	February 2013
Recipient of Molecular Cognition Travel Award	Molecular and Cellular Cognition Society	July 2009
Merck Scholars Program Participant	Merck Foundation	July 2006
Jones Scholarship Recipient	Houston Endowment	August 2000
HACER Scholarship	RMHC	August 2000

PUBLICATIONS

Peer Reviewed Publications

Jawaid, A., **Fitch, O.**, Qureshi, S., Wilson, A.M., Schulz, P.E. (2009) Alteplase beyond three hours in ischemic stroke: do we know enough? *International Journal of Stroke*. 4, 70.

O'Riordan KJ, Huang IC, Pizzi M, Spano P, Boroni F, Egli R, Desai P, **Fitch O**, Malone L, Ahn HJ, Liou HC, Sweatt JD, Levenson JM. (2006) Regulation of nuclear factor kappaB in the hippocampus by group I metabotropic glutamate receptors. *Journal of Neuroscience*. 26, 4870-9.

Mershin A, Pavlopoulos E, **Fitch O**, Braden BC, Nanopoulos DV, Skoulakis EM. (2004) Learning and memory deficits upon TAU accumulation in Drosophila mushroom body neurons. *Learning and Memory*. 11, 277-87.

PRESENTATIONS

International

Poster Presentation: **Fitch OM**, Friedlander MJ. Role of Experience in Plasticity Outcomes of Spatially Separate Synaptic Pathways onto Individual Neurons in Mouse Visual Cortex. Society for Neuroscience Annual Meeting, Washington, DC. November 2013.

Poster Presentation: **Fitch OM**, Friedlander MJ. Synaptic Plasticity Responses at Different Converging Pathways onto Individual Neurons in Mouse Visual Cortex. Society for Neuroscience Annual Meeting, Washington, DC. November 2011.

Poster Presentation: **Fitch OM**, Sweatt JD, Schulz P. The Role of Transcriptional Regulation in Hippocampal Late Long-Term Depression. Society for Neuroscience Annual Meeting, Chicago IL. November 2009.

Poster Presentation: **Fitch OM**, Levenson JM, Sweatt JD. Alterations in Histone Acetylation with Metabotropic Glutamate Receptor-Dependent Long-Term Depression. Society for Neuroscience Annual Meeting, Galveston, TX, February 2006.

Poster Presentation: **Fitch OM**, Levenson JM, Sweatt JD. Alterations in Histone Acetylation with Metabotropic Glutamate Receptor-Dependent Long-Term Depression. Molecular and Cellular Cognition Annual Meeting, Washington, DC. November 2005.

Poster Presentation. **Fitch OM**, Levenson JM, Sweatt JD. Alterations in Histone Acetylation with Metabotropic Glutamate Receptor-Dependent Long-Term Depression. Society for Neuroscience Annual Meeting, Washington, DC. November 2005.

Regional/State

Invited Speaker: Fostering a Community Strategy to Academic Success. Public Lecture. University of Texas Health Science Center at Houston School of Nursing, Houston TX, January 2016

Poster Presentation: **Fitch OM**, Friedlander MJ. Role of Experience in Formation of Heterogeneous Plasticity Outcomes in Two Pathways of Mouse V1 in Response to a Fixed Time Delay Conditioning Protocol. Carilion Research Day. Roanoke, VA, April 2013.

Invited Speaker: Is the Variability in Synaptic Plasticity Responses a Whole Neuron or Synaptic Feature and What Are the Sources of the Variability? Rush and Helen Record Neuroscience Forum. Galveston, TX, February 2012.

Poster Presentation: **Fitch OM**, Sweatt JD, Schulz P. Does Late Long-Term Depression Involve Transcription? Rush and Helen Record Neuroscience Forum, Galveston TX, February 2009.

Poster Presentation: **Fitch OM**, Sweatt JD, Schulz P. Transcriptional Regulation in Late Long-Term Depression. Rush and Helen Record Neuroscience Forum, Galveston TX, February 2008.

PROFESSIONAL SERVICE

Professional Membership

Society for Neuroscience	Member	2003-present
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Institutional Service

NIH-NINDS (National Institute for Neurological Disease and Stroke)

Consortium of Drug Discovery for Neurodegenerative Disease	Investigator	April 7-8 2002
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Courses Taught

UT Health at Houston School of Nursing, "Neurocognitive and Neurosensory Pathophysiology Units" for MSN Advanced Pathophysiology, Instructor, Spring, Summer, Fall 2017

UT Health at Houston School of Nursing, "Dosage and Solution Remediation for J2s", Supplemental, Instructor, Summer, Fall 2016 & 2017

UT Health at Houston School of Nursing, "Dosage and Solution Remediation for J1s", Supplemental, Instructor, Fall 2016

UT Health at Houston School of Nursing, "Dosage and Solution Remediation for S1s", Supplemental, Instructor, Fall 2016 & Summer, Spring, and Fall of 2017

UT Health at Houston School of Nursing, "How to Study Smarter and APA Style" by Webinar for all incoming BSNs and MSNs in Spring, Summer, and Fall 2017, and live for all DNP's in Summer

2016 and 2017, and Nursing Leadership and Administration Students Fall 2016 and 2017
Supplemental, Instructor

Supervised Programs

Orientation for Master's and Post-Master's students at the UT Health at Houston School of Nursing program in the Spring, Summer, and Fall 2017.

Coordination and hiring of Tutors for Advanced Pharmacology, Summer 2016 and for Advanced Pharmacology, Physical Exam and Differential Diagnosis, and Advanced Pathophysiology in Spring, Summer and Fall of 2017

Management and Maintenance and Acquisition of Resources for the Academic Success Center, the UT Health at Houston School of Nursing Resource Library

Author, assess, and distribute satisfaction surveys for the Academic Success Center

Analyze and author SACS accreditation reports for the Academic Success Center

Dissertation Title

Baylor College of Medicine, Department of Neuroscience, **Fitch OM** The Role of Visual Experience in Shaping Synaptic Plasticity from Two Pathways onto Common Cells in the Primary Visual Cortex of Mice, PhD, April, 20 2015, Student, RO1 EY12782