

STEPHANIE MINYONG LEE

Program in Experimental and Molecular Medicine
Dartmouth College

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Education

Geisel School of Medicine at Dartmouth College, Hanover, NH 2015-present
PhD candidate in Program in Experimental and Molecular Medicine
Advisor: Hermes Yeh, Ph.D.

Amherst College, Amherst, MA 2009-2013
BA, Cum Laude, Neuroscience
Advisor: John-Paul Baird, Ph.D.

Research Experience

Nanyang Technological University, Singapore, Singapore 2014-2015
Project Officer
Advisor: Ayumu Tashiro, PhD

Amherst College, Amherst, MA 2013-2014
Laboratory Manager
Advisor: John-Paul Baird, PhD

Awards, Funding, & Membership

Ruth L. Kirschstein NRSA Individual Predoctoral Fellowship (Parent F31)	2019
Albert J. Ryan Foundation Fellowship	2019
Poster Award, Annual Celebration of Biomedical Research, Dartmouth College	2018
AI Grant, Artificial Intelligence Grant, https://aigrant.org	2018
Research Society on Alcoholism	2017-present
Society for Neuroscience	2015-present
Sigma Xi Scientific Research Society, Amherst College	2013

Publications

Skorput AGJ*, **Lee SM***, Yeh PWL, Yeh HH (2019) The NKCC1 antagonist bumetanide mitigates interneuronopathy associated with ethanol exposure *in utero*. eLife, 8: e48648 (*co-first author)

Swick JC, Alhadeff AL, Grill HJ, Urrea P, **Lee SM**, Roh H, Baird JP (2015) Parabrachial nucleus contributions to glucagon-like peptide-1 receptor agonist-induced hypophagia, Neuropsychopharmacology, 40; 2001-2014

Posters & Presentations

Lee SM, Ding RJ, Skorput AGJ, Yeh PWL, Yeh HH (2019) Chloride and Calcium Dynamics Underlying Ethanol-induced Interneuronopathy. Poster presented at the *2019 Society for Neuroscience*, Chicago, IL

Lee SM, Ding RJ, Skorput AGJ, Yeh PWL, Yeh HH (2019) Ethanol and migration of GABAergic interneurons: from chloride to calcium. Talk presented at the *Sixteenth Annual Harold B. Amos Symposium of Ryan Fellows*, North Conway, NH

Lee SM, Anderson FL, Skorput AGJ, Yeh PWL, Yeh HH (2018) Ethanol and migration of GABAergic interneurons: from chloride to calcium. Poster presented at the *2018 Society for Neuroscience*, San Diego, CA

Lee SM, Anderson FL, Skorput AGJ, Yeh PWL, Yeh HH (2018) Ethanol, calcium and growth cone dynamics in immature GABAergic cortical interneurons. Poster Teaser Talk presented at the *32nd Annual Neuroscience Day at Dartmouth*, Hanover, NH

Lee SM, Anderson FL, Skorput AGJ, Yeh PWL, Yeh HH (2018) Ethanol, calcium and growth cone dynamics in immature GABAergic cortical interneurons. Poster presented at the *2018 Gordon Research Conference on Alcohol and the Nervous System*, Galveston, TX

Lee SM, Anderson FL, Skorput AGJ, Yeh PWL, Yeh HH (2017) Ethanol, calcium and growth cone dynamics in immature GABAergic cortical interneurons. Poster presented at the *2017 Society for Neuroscience*, San Diego, CA

Cnops V, Zaferanlouei S, **Lee SM**, Cobar LF, Tashiro A (2015) Optogenetic identification of granule cell activity in the dentate gyrus of free behaving mice. Poster presented at the *2016 Society for Neuroscience*, Chicago, IL.

Lee SM, Swick JC, Baird JP (2014) The role of parabrachial nucleus on neuropeptide Y-mediated hyperphagia, Poster presented at the *Scientista Symposium 2014*, MIT, Boston, MA

Fierro M, Swick JC, **Lee SM**, Baird JP (2013) Induced binge-feeding behavior in rats through restriction, Poster presented at the *Annual Summer Science Research Poster Presentations*, Amherst College, Amherst, MA

Cort M, Swick JC, **Lee SM**, Baird JP (2013) Muscimol injections into the nucleus accumbens shell increase appetitive behavior in rats licking for sucrose, Poster presented at the *Annual Summer Science Research Poster Presentations*, Amherst College, Amherst, MA

Lee SM, Kim JW, Kim SK, Kang SW, Chung JH (2010) Association between the transferrin polymorphism and persecution complex in schizophrenia in Korean population, Poster presented at the *22nd Annual Meeting of the Korean Society for Molecular and Cellular Biology Poster Presentations*, Seoul, Korea

Teaching Experience

Introduction to Neuroscience, T.A., Amherst College, 2012-2013

Services & Activities

Dartmouth Korean Graduate Student Association, president, Dartmouth College	2019- <i>present</i>
Dartmouth Graduate Consulting Group, pro-bono consultant for local businesses	2019- <i>present</i>
Science Scholars Mentor, Geisel School of Medicine at Dartmouth College	2018- <i>present</i>
Neuroscience Journal Club Committee, Dartmouth College	2017- <i>present</i>
Science Day at Dartmouth, Dartmouth College	2016- <i>present</i>
Upper Valley Brain Bee, Dartmouth College	2016- <i>present</i>

Language

Korean (Fluent), English (Fluent) and Japanese (Intermediate)