

Evan Lubanszky

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Education

PhD Laboratory Medicine and Pathobiology Toronto, Ontario <i>University of Toronto</i>	2019 –
BSc. (Honours) Translational and Molecular Medicine Ottawa, Ontario <i>University of Ottawa</i> Graduated <i>Summa Cum Laude</i>	2017 – 2019
BSc. (Honours) Biomedical Science Ottawa, Ontario <i>University of Ottawa</i>	2015 – 2017
International Baccalaureate Honours Program Oakville, Ontario <i>White Oaks Secondary School</i>	2011 – 2015

Laboratory Experience

TMM Honours Project Regulation of Adult Neural Stem Cells by Autophagy Microtome cutting of transgenic mouse brain. Conducting immunohistochemical staining (fluorescent, DAB). Confocal microscopic data collection and statistical analysis. Conducting FACS analysis. Supervisor: Dr. Diane Lagace	2018 – 2019
NSERC USRA Summer Researcher Sensorimotor Regulation of Forebrain Neurogenesis Conducted behavioural testing, dosage optimization and delivery of neurotransmitter agonists, generation of riboprobes, and in situ hybridization. Confocal microscopic data collection and analysis, statistical analysis of behavioural data. Trained in zebrafish handling. Supervisor: Dr. Vincent Tropepe	2018
TMM Laboratory Rotation Student (6wks) Stimulation of Adult Generated Neurons During Stroke Recovery Behavioural assessment and statistical analysis, microtome cutting of transgenic mouse brain for immunohistochemistry staining and microscopic analysis. Trained in mouse handling and restraint. Supervisor: Dr. Diane Lagace	Jan 2018

TMM Laboratory Rotation Student (6wks)

March 2018

Regulation of Cardiac and Hematopoietic Development by Cdx
Designed and generated gene expression reagents (PCR oligonucleotides, riboprobes), isolated embryos/yolk sacs and RNA from timed knockout mouse pregnancies, and quantitative comparison of gene expression levels via in situ hybridization and CHIP-Seq data analysis. Supervisor: Dr. David Lohnes

Awards/ Scholarships

Admission Scholarship

2019

University of Toronto
Toronto, Ontario

NSERC USRA

2018

University of Toronto
Toronto, Ontario

Peter Gilgan Leadership Award

2017

YMCA of Oakville
Oakville, Ontario

Dean's Honour List

2016 – 2019

University of Ottawa
Ottawa, Ontario

Admission Scholarship

2015 – 2018

University of Ottawa
Ottawa, Ontario

Presentations

Connecting Young Minds Undergraduate Research Conference

Jan 2019

Determining the Mechanisms by which Autophagy-Related Gene 5
Regulates Adult Neural Stem Cells

Poster Presentation

Jan 2019

Does Loss of Autophagy-Related Gene 5 (Atg5) Regulate Adult Neural
Stem Cells?

Seminar Presentation

April 2018

Stimulation of Adult Generated Neurons during Stroke Recovery

Poster Presentation

Feb 2018

Regulation of Cardiac and Hematopoietic Development by Cdx

Work Experience

Program CoordinatorOakville, Ontario
YMCA of Oakville2016 – 2017,
2019

Volunteer/ Leadership Experience

Project Pulse Spark

Panelist

2018

TMMSA

TMM Recruitment Coordinator

2018

Challenger Baseball Canada

Coach

Coached children age 9-12 with physical/mental disabilities

2017

Scouts Canada

Venture Scout and Asst. Leader

2002 - 2015

References

Dr. Jean-Francois Couture

Director of TMM Program, Lecturer

Department of Biochemistry, Microbiology, Immunology

University of Ottawa

Jean-Francois.Couture@uottawa.ca

Dr. Vincent Tropepe

Professor & Chair

Department of Cell and Systems Biology

University of Toronto

v.tropepe@utoronto.ca

Dr. Diane Lagace

Honours Supervisor

Department of Cellular and Molecular Medicine

University of Ottawa

Diane.Lagace@uottawa.ca
