Neuroscience

Director
Ray E. Johnson, Jr., Professor of Psychology

Assistant Director
Carolyn L. Pytte, Associate Professor of Psychology

Neuroscience Steering Committee
Professor Richard J. Bodnar, Professor of Psychology
Nathalia Glickman-Holtzman, Associate Professor of Biology
Ray E. Johnson, Jr., Professor of Psychology
Andrea Li, Associate Professor of Psychology
PoKay M. Ma, Associate Professor of Biology
Carolyn L. Pytte, Associate Professor of Psychology
Robert Ranaldi, Professor of Psychology
Wilma A. Saffran, Associate Professor of Chemistry and Biochemistry
Zahra F. Zakeri, Professor of Biology

RESEARCH FACULTY

Department of Biology
Associate Professor Mitchell Baker, Associate Professor John Demelby,
Assistant Professor Karl Fath, Associate Professor Nathalia Glickman-Holtzman,
Associate Professor PoKay M. Ma, Associate Professor Alicia Meléndez,
Professor Cathy Savage-Dunn, Associate Professor Daniel Weinstein,
Professor Zahra F. Zakeri

Department of Chemistry & Biochemistry
Professor A. David Baker, Associate Professor Ya Chen,
Professor Robert Engel, Professor William H. Hersh,
Associate Professor Sanjai Kumar, Professor Susan A. Rotenberg,
Associate Professor Wilma A. Saffran, Professor Thomas C. Strekas

Department of Computer Science
Professor Bon K. Sy

Department of Family, Nutrition, and Exercise Sciences
Assistant Professor Ya Ching Hung

Department of Psychology
Associate Professor Jeff A. Beeler, Professor Richard J. Bodnar,
Professor Joshua C. Brumberg, Professor Jin Fan, Professor Nancy S. Foldi,
Professor Ray E. Johnson, Jr., Associate Professor Andrea Li,
Professor Yoko Nomura,
Associate Professor Carolyn L. Pytte, Professor Robert Ranaldi,
Professor Joel Sneed, Associate Professor Justin Storbeck,
Assistant Professor Kerstin Unger
PRESENTATION OF THE CLASS OF 2018

Fall 2017 Graduates

Daniel Abramov • Alissa Belzic • Ari Bitterman

Spring 2018 Graduates

Daniella Abramov • Alissa Belzic • Ari Bitterman

Josephine Cooke • Josephine I. Cooke

Maggie-Mac Cronin • Maggie-Mae Cronin

Gabriela Fazilov • Gabriela Fazilov

Josephine I. Cooke • Josephine Cooke

Waseem Bassam Iqnaibi

Benjamin Ishakav • Benjamin Ishakav

Joseph Khafi • Joseph Khafi

Waseem Bassam Iqnaibi

Benjamin Ishakav • Benjamin Ishakav

Sunny Yao

Ari Bitterman • Menachem Boruch Greenberg

Mentor: Dr. Jeff Beeler

Mentor: Dr. Yoko Nomura

HONORS THESSES

Daniel Abramov

Effects of adf-2 Partial Loss of Function on ATGL-1:GFP Expression

Mentor: Dr. Alicia Melendez

Alissa Belzic

Intergenerational Impacts of Maternal Trauma on Offspring

Mentor: Dr. Yoko Nomura

Ari Bitterman

The Role of MGS1 in DNA Recombination and Repair

Mentor: Dr. Wilma A. Saffran

Dov Bitterman

The Role of RAD24 in DNA Recombination and Repair

Mentor: Dr. Wilma A. Saffran

Josephine I. Cooke

Optimizing Immunostaining of Neural Activity During Learning: A Comparison of Tissue Clearing Methods

Mentor: Dr. Jeff Beeler

Gabriela Fazilov

Mutant Genetic Variance in Mucaricin Receptor Antagonist of Acquisition and Expression of Sucrose-Conditioned Flavor Preferences in Three Inbred Mouse Strains

Mentor: Dr. Richard J. Bodnar

Rashid Khan

The Physiological and Psychological Benefits of Breastfeeding

Mentor: Dr. Yoko Nomura

Menachem Boruch Greenberg

KOP-1 Inhibits Catecholamine-L-Mediated Motility of MDA-MB 231 Breast Cancer Cells

Mentor: Dr. Karl Fath

Marianthina Linaris

Effects of Gender Differences in ADHD Model System: Brain Steroid Levels in a Songbird

Mentor: Dr. Andrea Li

Arlene Lopez

Binding of Tbx2 with Smad3 Promotes Neural Development

Mentor: Dr. Daniel Wainman

Michael Martinez

Effects of Simulated Visual Impairment on Orientation and Shape Perception

Mentor: Dr. Andrea Li

Courtney McDermott

Cholesterol-Lowering Drugs Alter Brain Steroid Levels in a Songbird

Mentor: Dr. Daniel Wainman

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