

James Baldassano

- Phone: (917) 854-3882
- Email: jaldas@terpmail.umd.edu
- Office: Biology-Psychology Rm 4235
- Birth date: 05/21/1994
- Citizenship: USA



Current Position

- **University of Maryland, College Park**
Graduate Student
Co-Advisers: Dr. Katrina MacLeod, Dr. Catherine Carr.
2018-Present

Previous Positions

- **Binghamton University**
Research technician
Dr. Patricia DiLorenzo
2016-2018

Posters and Presentations

- “*Low Threshold Activated Kv1 Channel Drives Spiking Heterogeneity and Reliable Spike Timing in the chick Nucleus Angularis,*” APAN 2020
- “*Low Threshold Activated Kv1 Channel Drives Spiking Heterogeneity, Reliable Spike Timing, and Fluctuation Sensitivity in the Chick Cochlear Nucleus Angularis,*” ARO 2021
- “*Patch-clamp electrophysiology*” NACS Student Methods Seminar, 2019
- “*Kv1 channels in chick cochlear nucleus,*” UMD Work-in-Progress

Research Projects

- Investigating the role of the Kv1 ion channel in Nucleus Angularis of the avian auditory brain stem (2018-present)
 - Intrinsic and synaptic electrophysiology of the Avian Auditory Brainstem (2020-Present)
 - The impact of a *roux-en-y* gastric bypass surgery on the coding of taste information in the Nucleus of the Solitary Tract in Obese animals (2016-2018)
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Education

- **University of Maryland, College Park**
College Park, Maryland
Neuroscience and Cognitive Sciences (NACS)
Graduate student 2018-present
- **SUNY Binghamton University, B.A., *cum laude***
Binghamton, NY.
Biology Undergraduate Student
2014-2016
- **Macaulay Honors College, CUNY**
Manhattan, NY.
2012-2014

Professional Associations

- Society for Neuroscience (2017-present)
- Association for Research in Otolaryngology (2018-present)
- Advances and Perspectives in Auditory NeuroScience (2020-present)

Professional Training Courses

- Neurobiology Course, Marine Biological Lab, Woods Hole, MA 2019

Travel Grants and Awards

- NACS Summer Research Training Grant, 2019
- UMD Biology Travel Award, 2019
- Neurobiology, Marine Biological Lab Travel Scholar, 2019

Teaching Experience

- Neur200, "Introduction to Neuroscience" University of Maryland, Fall 2020, Spring 2021

References

Katrina MacLeod, Ph.D
Research Scientist
Department of Biology
University of Maryland
macleod@umd.edu

Catherine Carr, Ph.D
Professor of Biology
Department of Biology
University of Maryland
cecarr@umd.edu

Patricia DiLorenzo, Ph.D
Professor of Neuroscience
Department of Neuroscience
Binghamton University
diloren@binghamton.edu

Leonard Ciaccio
Professor of Biology
City University of New York,
College of Staten Island
Leonard.ciaccio@csi.cuny.edu