

## Honors Candidates 2019-2020

Joshua N. Andrews, *Physics*

Remote Sensing through the Use of Consumer Drones: Harmful Algae Blooms in the Finger Lakes Region of New York State

*Ileana Dumitriu, Adviser*

Max Brodheim, *Physics (completed Fall, 2019)*

Masses and Radii of MML 48: A New Pre-Main Sequence Eclipsing Binary

*Leslie Hebb, Adviser*

Alessandra C. Bryan, *Biology*

Effects of Urbanization on the Evolution of Coat Color in Eastern Gray Squirrels (*Sciurus carolinensis*)

*Bradley Cosentino, Adviser*

Yamileth Ceden, *Women's Studies*

The Black Body & Reproductive Trauma

*Michelle Martin-Baron, Adviser*

Alexandra A. Curtis, *Comparative Literature and Russian Area Studies: Language and Culture*  
Cherednichenko and the Circus: A First Translation into English and Contextualization Analysis

*Kristen Welsh, Adviser*

Grant A. J. Emerson, *International Relations*

Identity and the Foreign Policy Decision-Making Process: Analyzing U.S. Foreign Policy in Cuba from 1959 to 1963

*Kevin Dunn, Adviser*

Elizabeth M. Fajardo, *Classics*

Roman Red Sea Trade: An Analysis of Trade in the First and Second Centuries C. E.

*James Capreedy, Adviser*

Katherine A. Foley, *Biology (completed Fall, 2019)*

Competition for Food Resources between the Native Lake Sturgeon (*Acipenser fulvescens*) and Invasive Round Goby (*Neogobius melanostomus*)

*Susan Cushman, Adviser*

Abigail M. Frederick, *English*

Ivory, Ink, and Onionskin: Lyric Essays

*Geoffrey Babbitt, Adviser*

Mike F. Goulart, *International Relations*  
Political Institutions, Corruption, and their Economic Implications: An Institutional Analysis of Brazil

*Vikash Yadav, Adviser*

Margaret Hollister, *Theatre*  
From Marivaux to Modern Theatre: Translating an 18th Century Play for a 21<sup>st</sup> Century Audience

*Christopher Hatch, Adviser*

Brianna M. Hurysz, *Biochemistry*  
Assessing Anti-cancer Potential and Mechanism of Action of Novel Staurosporine Analogs

*Patricia Mowery, Adviser*

Rizky K. Kafrawi, *Biology*  
Investigating the Interplay between Chloroplast and Mitochondrial Genomes in Asclepiadoideae (Apocynaceae)

*Shannon Straub, Adviser*

Ryan M. Klimkewicz, *Music*  
An Inquiry of Quality In The Age Of Streaming: Exploring Semantic Dimensions and the Erosion of Quality in the Age of Streaming

*Mark Olivieri, Adviser*

Jacob L. Kotcher, *Geoscience*  
Origination in the Phanerozoic

*Nan Crystal Arens, Adviser*

Khanh P. Le, *Psychology*  
Examining the Reliability and Validity of Interpersonal Acceptance –Rejection Theory (IPARTheory) in Vietnamese Adolescents

*Brien Ashdown, Adviser*

Anna M. Leffler, *Biology (completed Spring 2019 as a junior)*  
Variation in Exploratory Behavior of Red-backed Salamanders from the Finger Lakes National Forest (FLNF)

*David Dronney, Adviser*

Lawson MacDougall, *International Relations*  
An Assessment of Canada's Position in a Global Economy

*Vikash Yadav, Adviser*

Ara E. McCorkle, *Sociology*  
Professionalization of Past Criminality and Addiction: How Former Prisoners and Addicts Manage a "Professional Ex" Identity

*James Sutton, Adviser*

Gabriel T. Pietrorazio, *Media and Society*  
Prisons of Prisons in Upstate New York  
*Rebecca Burditt, Adviser*

Brian A. Schaumloffel, *Economics*  
Beyond Industrialization: An Alternative Approach for Transitioning of the East Asia Growth Model  
*William Waller, Adviser*

Allie Seminer, *Biology*  
Mercury Bioaccumulation in Fish Food Webs of New York State Finger Lakes' Tributaries  
*Susan Cushman, Adviser*

Shannon Smith, *Studio Art*  
Exploring and Abstracting Intimacy in the Female Form  
*Phillia Yi, Adviser*

Kaitlynn A Sockett, *Chemistry*  
The Synthesis of Novel 3,4-Bisindole Furanone Analogs of Staurosporinone  
*Erin T. Pelkey, Adviser*

Meredith Steinfeldt, *Sociology*  
Becoming Empathetic: An Exploration of Empathetic Masculinities on Campus  
*James Sutton, Adviser*

Liam Sullivan, *Religious Studies*  
Faith in a Deeper World: The Vision and Praxis of Deep Ecology in Buddhism and Islam  
*Shalahudin Kafrawi, Adviser*

Whitney Swanson, *Anthropology*  
Exploring Animal Frontiers: Space, Place, and Culture  
*Brenda Maiale, Adviser*

William J. White, *Physics*  
Portable Hydroelectric: Generating Energy in Remote Locations  
*Ileana Dumitriu, Adviser*