

Re: 2022-2023 Annual Report (Longwood Senior Thesis Committee)

Date: 5 May 2023

Committee Members:

Laura Jimenez, Chair (24)

Maxwell Hennings (24)

Aftab Khan (25)

Adam Blincoe (25)

Robert Barnwell (24)

Ravi Darwin Sankar (25)

Angela Bubash (25)

Ex-officio: Amorette Barber

On December 7<sup>th</sup> 2022, the members of the senior thesis committee met to evaluate two student research proposals. On May 2<sup>nd</sup> and 3<sup>rd</sup> 2023, the members of the senior thesis committee met to evaluate eight student research proposals. This brings our total active student theses to ten for the 2023/2024 academic year.

We are also happy to announce that five of seven active students performing a thesis in the 2022/2023 academic year defended their projects successfully and were awarded honors at the 2023 Commencement.

We are excited to report that this was our first attempt at using Digital Commons for proposal and thesis submission. We have seen a small increase in the student and faculty interest in the program. Most notably, we have a Creative Writing student that will attempt to complete a Senior Thesis and a total of six different disciplines represented in the 2023/2024 academic year.

#### **Awarded Honors in 2022-2023:**

With Honors in Chemistry, Tinsae Alem

*Designing Single Molecule Diode*

Benjamin Topham, Director

With Honors in Psychology, Joshua M. Bain

*The Effect of Aphantasia on Visual Memory Retention*

Eric Laws, Director

With Honors in Kinesiology, Catharine Forst

*Burnout and Overtraining on Division I Female Soccer Athletes*

Laura Jimenez, Director

With Honors in Biology, Cassandra Poole

*The Effect of Bisphenol A (BPA) Substitutes on CD4+ T Cell Immunity*

Amorette Barber, Director

With Honors in Philosophy, Leah Richardson  
*Logic-Based Therapy, Rational Emotive Behavior Therapy, and Acceptance Commitment Therapy in Relation to Moral Injury: A Comparative Analysis*  
Charles Repp, Director

**Proposals reviewed in F2022:**

Honors project in Chemistry, Jammie McMurtry  
Dr. Sarah Porter, Director

Honors project in Biological and Environmental Sciences, Teresa Orellana  
Dr. Ravi Darwin Sankar, Director

**Proposals reviewed in S2023:**

Honors Project in Psychology, Sandy Burrill  
Sarai Blincoe, Director

Honors Project in Biological and Environmental Sciences, Kira Edens  
Brandon Jackson, Director

Honors Project in Kinesiology, Mackenzie Griffith  
Tim Coffey, Director

Honors Project in Chemistry, Hannah Knights  
Melissa Rhoten, Director

Honors Project in Creative Writing, Char Lavigne  
Brandon Haffner & Mary Carroll-Hackett, Directors

Honors Project in Biological and Environmental Sciences, Alayna Palamar  
R. Adam Franssen, Director

Honors Project in Anthropology & Archaeology, Quincey Urban  
Mark Kostro, Director

Honors Project in Biological and Environmental Sciences, Kristen Wilkins  
Amorette Barber, Director