

Madeline Owen

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Education

University of Notre Dame, Notre Dame, IN | Bachelor of Science Expected May 2021 | GPA 4.0/4.0
Major: Neuroscience/Pre-Med | Minors: Science, Technology, and Values; Glynn Family Honors Program
Columbus Academy, Columbus, OH | Graduated June 2017 | GPA 4.52/4.0

Honors and Awards

- **Notre Dame Stamps Scholar:** full merit scholarship based on academics, character, leadership, and service <https://stampsscholars.nd.edu/>, 2017 – 2021
- **Naughton Research Fellowship Award Recipient:** research of bone marrow stem cells in bone formation, Trinity College, Dublin, Ireland, May – August 2019
- **Notre Dame Glynn Family Honors Program:** <https://glynnhonors.nd.edu/>, 2017 – 2021
- **Notre Dame Dean's List:** Fall 2017, Spring 2018, (expected Fall 2018)

Research

- **Fraser Lab**, Dr. Malcolm J. Fraser Jr. | Advisor: Mark Fraser | Jan – May 2018 | 5-10 hrs/wk
Research aid studying genetics of viral diseases including tissue culture/transfection.
- **Hyde Lab**, Dr. David R. Hyde | Post-doc Advisor: Dr. Maria Iribarne | August – December 2018 | 8-10 hrs/wk
Research aid studying mechanisms underlying retinal development and regeneration of retinal neurons from resident Müller glia, a class of radial glia that acts as adult stem cells in zebrafish.

Work and Shadowing Experience

- **Editorial Assistant**, *The Wollstonecraftian Mind* (publisher: Routledge), eds, Eileen Hunt Botting, Sandrine Berges, and Alan Coffee (forthcoming, Bloomsbury, 2019) | October – December 2018
- **Szent György Hospital, Székesfehérvár, Hungary** | July – August 2018 | 20-30 hrs/wk for 4 wks
Surgical Shadowing, Advisors: department leaders in cardiology, orthopedic OR, traumatology, otorhinolaryngology
 - Extensive operating room exposure; acquired medical and clinical knowledge including operating room processes and expectations; outpatient consultations; inpatient clinical rounds; and catheter lab procedures.
 - Provided press conference interview to local media highlighting global perspectives of international fellows.
- **Elkhart General Hospital & OSMC Surgery Center, Elkhart, IN** | October 2018 – Present | 20+ hrs (ongoing)
Hospital and Operating Room Shadowing, Mentor: Dr. Mark Klaassen, orthopedic surgeon
 - Observation of orthopedic surgery operating room, patient consultations, and procedural tests and exams.
- **The Ohio State University Ross Heart Health Hospital, Columbus, OH** | June/August 2018 | 20 hrs
Hospital and Exam Room Shadowing, Mentor: Dr. Emile Daoud, cardiologist
 - Observation of inpatient clinical rounds, outpatient consultations, and procedural tests and exams.
- **Notre Dame Student Athlete Tutor** | 2017- Present | *Calculus and Chemistry Tutor*
- **Notre Dame Tour Guide** | 2017 – Present | *Competitive interview process for limited positions*
- **Lifeguard**, New Albany Country Club, OH | Summers 2016-2018 | 30-50 hrs/wk | *Head Guard 2017 & 2018*

Health Care Policy

- **U.S. Senate Budget Committee | October 2018**
Met with staffer Ms. Gable Brady to discuss health care policy, constituent questions and staff responses, and procedures for research and committee participation.
- **U.S. Senator Michael B. Enzi, Wyoming | October 2018**
Met with Senate staffers to discuss daily responsibilities, health care policy, and concerns of Wyoming constituents.
- **Rural Health Care Conference, Western U.S. | Colorado Springs, CO | October 2018**
Participated in conference addressing rural health issues including workforce, facilities, and access to quality care.

Activities/Special Skills/Interests

- **Founder, Summer Camp Youth Project (SCYP)** | 2014 – Present | *Provide supplies to summer youth camps that depend on donations to operate successfully: www.summercampyouthproject.weebly.com*
- **Aquatic Relief for Kids (ARK)** | 2017 – Present | *Offer swim lessons and aquatic therapy for local children with developmental disabilities or childhood illnesses*
- **Pre-Professional Society (Pre-Med) Club** | Treasurer 2018-2019 | Member 2017 – Present | Manage \$1.2K
- **Memorial Hospital of South Bend Volunteer** | 2018-2019 | 4 hrs/wk
Assist hospital staff with patient escort duties; build positive relationships with South Bend professionals and citizens
- **Camp Kesem** | 2018-2021 | *Helping children deal with a parent's cancer* | <https://campkesem.org/notre-dame>
- **Breen-Phillips Hall Treasurer** | 2018 – Present | *Manage \$4K in hall funds; provide regular updates to residents*
- **Violin, Harp, and Irish Dance Large Crowd Performances** | 2010 – Present
- LaTeX, Excel Proficient ▪ CPR/Lifesaving Skills ▪ Proficient in Latin ▪ Running ▪ Sailing ▪ Music Performance ▪ Travel