

Clayton A. Tindell

107 Bristol Drive | Seven Fields, Pa. 16046 | (636) 375-0545 | ctindell20@gmail.com

EDUCATION:

John Carroll University, University Heights, Ohio

May 2020

Bachelor of Science in Biology

Major: Biology | Minor: Chemistry

GPA: **3.81**; Dean's List 7 consecutive semesters

EXPERIENCE

National Institute of Child Health and Human Development, Bethesda, MD

June 2019 – August 2019

Summer Intern -- Supervisors: Constantine Stratakis, MD/D (Medsci); Mr. Niko Darby

- Researched the effectiveness of the TGF – β mechanism in Faf1 knockout variant mice as part of a larger project researching Cushing's disease
- Performed immunofluorescence to determine the expression of TGF – β mechanism in pituitary glands of Faf1 knockout and wildtype variant mice

Ranken Jordan Pediatric Hospital, St. Louis, Mo.

June 2018 - August 2018

Summer Volunteer

- Completed an abbreviated internship for infection control and prevention
- Responsible for prevention of infectious conditions in patient ward areas
- Attended to the nonmedical needs of the patients
- Regular interaction with the patients to keep them entertained through reading, playing games, etc.
- Recorded activities of physicians and other medical personnel to verify adherence to the hospital infectious disease control guidelines
- Shadowed physicians, such as a cardiologist, pediatrician, and clinical psychologist, during some workdays

John Carroll University, University Heights, Ohio

November - December 2016

Volunteer Teacher's Assistant – Supervisor: Professor Vincent Benander

- Prepared 10 undergraduate students for the final exam in Calculus I

Cardinal Wuerl North Catholic Robotics Team, Pittsburgh, PA

August 2015 - May 2016

Member

- Worked with a team of nine to design, build, and repair robots
- Three Phase Project: First phase involved research necessary to overcome a set of obstacles during the process of designing the robot in addition to raising funds in the amount of \$5,000 to build the robot. Second phase involved machining and building the robot. Third phase involved maintaining the robot in good repair during competition.
- Leadership experience included ensuring the team accomplished necessary tasks on deadlines

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CAMPUS INVOLVEMENT

Member

August 2018 – Present

Financial Officer - Pre-Pharmacy Club

August 2018 – December 2019

- Responsible for managing the Pre-Pharmacy club's accounts and ensuring a balanced budget.
- Collaborated with the President to organize Pharmacy School visits and speakers.

Member - Fantasy Gaming Club

August 2016 - Present

- Level 20 wizard and board game player.

Member - Pre-Medicine Society

August 2016 - Present

Alpha Sigma Nu

Member

August 2018 – Present

Financial Officer

August 2018 – December 2019

- Responsible for managing Alpha Sigma Nu's accounts
- Set standards as a member of the Jesuit honor society
- A Jesuit honor society officer must uphold the three pillars that make up a Jesuit scholar. The three pillars of the Jesuit scholar are service, loyalty, and a commitment to high academic standards

AWARDS AND HONORS:

Presidential Scholarship (2016-2020)

John Carroll University Grant (2016-2020)

Alpha Sigma Nu Honors (2018-2020)

PRESENTATIONS:

Presented lab research (under Doctor Stratakis' supervision) evaluating the effectiveness of the TGF- β mechanism in Faf1 knockout mice