

CHRISTINA PIAROWSKI

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EDUCATION

University of Colorado Denver | Anschutz Medical Campus
PhD Student: Cell Biology, Stem Cells and Developmental **2019 - Present**

Arizona State University- Barrett, the Honors College
B.S. Biology **2018**
Area of Concentration: Genetics, Cellular and Developmental Biology
Minors: French, Global Health
Honors Thesis: "Distribution and Relative Abundance of Three Protist Genera in the *Zootermopsis Nevadensis Nuttingi* Hindgut"

AWARDS

Student of the Year in Biological Sciences **2018**
College of Liberal Arts and Sciences Student Leader in the School of International Letters and Cultures **2018**
Moer Award (recognizes graduates with a cumulative GPA of 4.0 or above) **2018**

RESEARCH EXPERIENCE

University of Colorado Denver | Anschutz Medical Campus
Graduate Student **August 2019 – Present**

Arizona State University
Undergraduate Researcher and PRA – Gillian Gile's Lab **January 2017 – July 2019**

- Trained in many biological techniques, including PCR, gel electrophoresis, bacterial transformations and cell picking
- Gained experience in making media and maintaining protist cells in culture
- Completed an honors thesis over the course of the 2017-2018 academic year. The thesis was successfully defended on 3/19/18. Results from the study have been published
- Analyzed, counted and picked protist cells using light microscopy (Zeiss A2 Imager)

Argonne National Laboratory
SULI Summer Intern – Meltem Urgun-Demirtas's Lab **May - August 2018**

- Gained experience using an HPLC and ICP
- Monitored bioreactors daily by adjusting pH, collecting samples and analyzing HPLC results. Submitted a final project report and presented in a site-wide poster symposium

Translational Genomics Research Institute (TGEN)
Barrett Fellow – Suwon Kim's Lab **August - December 2016**

- Studied the function of the ING4 tumor suppressor gene and tamoxifen resistance.
- Gained experience with several techniques, including bacterial transformation, mini and maxi prep, Nanodrop and cell culture.
- Participated in a class that involved analyzing the effects of the research and coming up with an interdisciplinary research project.

Arizona State University
Undergraduate Researcher – Kevin McGraw's Lab **February - May 2016**

- Used the Tracker program to track hummingbird flight patterns and head angles
- Participated in (and lead one) weekly lab meetings in which we read and analyzed scientific literature
- Received class credit for the research and participated in the weekly SOLUR (School of Life Sciences Undergraduate Research)

PUBLICATIONS

Piarowski et al. (2019) "Distribution and relative abundance of three protist genera within the *Zootermopsis nevadensis nuttingi* hindgut"
Symbiosis. doi:10.1007/s13199-019-00641-3

POSTERS/PRESENTATIONS

CU Denver Anschutz Medical Campus: Rotation Talks	2019-2020
Barrett, the Honors College: Honors Thesis Poster Symposium	2018
Argonne National Laboratory: Site-Wide SULI Intern Poster Symposium	2018

LANGUAGES

English– native language
French– read/write with high proficiency

MEMBERSHIPS

National Society of Collegiate Scholars
Phi Beta Kappa