
Anna Bardenhagen

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EDUCATION

University of Texas at Austin - *B.Sc. Biology*

AUGUST 2018 - PRESENT

EXPECTED GRADUATION: MAY 2022

GPA: 3.85

RESEARCH EXPERIENCE

Limb regeneration in *Eurycea* species - *Supervisor: David Hillis*

APRIL 2019 - PRESENT

- Preparing a manuscript for publication documenting limb regeneration over time in *E. pterophila*
- Involved in field collection and care for wild specimens

The evolutionary stability of SYFP2 in *E. coli* strains - *Supervisor: Dennis Mishler*

JANUARY 2019 - DECEMBER 2019

- Investigated the stability of SYFP2 over time in commonly used strains
- Presented results at the 2019 Fall Undergraduate Research Symposium
- Analyzed cells using flow cytometry and Next-Gen Sequencing
- Developed skills such as PCR, transformation, and gel electrophoresis

Elucidating the structure of *Ultrabithorax* - *Supervisor: Sarah Bondos*

MAY 2017 - AUGUST 2017

- Investigated role of amino acids in Ubx protein structure
- Explored problems with protein expression in mCherry Ubx
- Gained knowledge of basic biochemical principles

RELEVANT COURSEWORK

- Genetics (Honors) I and II
- Developmental Biology
- Phylogenetic Perspectives in Evolution, Ecology, and Behavior (Graduate)
- Evolution
- Biostatistics (with analysis in R)
- Chemistry (Honors) I and II

WORK EXPERIENCE

Microbe Hackers Freshman Research Initiative - *Peer Mentor*

JANUARY 2020 - PRESENT

- Teach 15-20 students the basic techniques of biological research
- Advise students on independent research projects

Joynes Reading Room - *Student Assistant*

JANUARY 2020 - PRESENT

- Organize and log library resources
- Oversee activities and events

Originality in the Arts and Sciences - *Peer Mentor*

AUGUST 2019 - DECEMBER 2019

- Lead students in developing interdisciplinary research projects
- Encouraged independent inquiry and investigation
- Organized and facilitated student success meetings

EXTRACURRICULARS

CovEd Continuing Education - *Writer*

AUGUST 2019 - PRESENT

- Research and write two or more informational blogs per semester
- Develop science communication skills by presenting health information

The Chatty Gal Women's Health Blog - *Writer*

AUGUST 2019 - PRESENT

- Research and write two or more informational blogs per semester
- Develop science communication skills by presenting health information

Lutheran Campus Ministry - *President*

AUGUST 2018 - PRESENT

- Lead a board of students and community members in decision-making
- Create resources, events, and opportunities for my community
- Coordinate volunteering opportunities within Austin

Daily Bread Food Pantry

OCTOBER 2018 - PRESENT

- Distribute food and coordinate supplies for food-insecure students
- Designed guidelines for weekly operations

Community First! Village - *Volunteer*

SEPTEMBER 2018 - PRESENT

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- Participate in regular care for a free community garden

Garza High School Tutoring - *Math Tutor*

AUGUST 2019 - DECEMBER 2019

- Led three students in developing problem solving skills

MEMBERSHIPS

Dean's Scholars Honors Program

AUGUST 2018 - PRESENT

Association for Women in Science

APRIL 2019 - PRESENT

Joynes Readers and Writers Living Learning Community

AUGUST 2018 - MAY 2019

AWARDS

Freshman Research Initiative Summer Fellowship

MAY 2019

Arkema New Horizons Foundation Scholarship

MAY 2018