

# Anna Grace Ballard

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## Education

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**Bachelor of Science, Biology**, In progress, The University of Alabama at Birmingham, Birmingham, AL

- Minor: Chemistry
- Concentration: Molecular Biology
- Institutional GPA: 3.86
- Overall GPA: 3.63

**Associate of Science, General Studies**, August 2017 Calhoun Community College, Decatur AL

- GPA: 3.46
- Dean's List: Spring 2017

## Certifications

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- **Heart Saver Pediatric First-Aid (2012-2018)** The American Red Cross

## Employment

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**August 2018 –Present**

**University of Alabama at Birmingham**  
**Department of Biology | Student Assistant**

- Perform research for a biology lab that focuses on nutrition, obesity, growth, and metabolism using zebrafish, shrimp, and sea urchins
- Manage zebrafish colonies used for research applications
- Maintain upkeep and appropriate water quality of 6 aquatic recirculating systems
- Train undergraduate students
- Order and maintain lab supplies
- Perform lipid extractions
- Use excel to organize and understand data

- Dissect zebrafish livers & colon for molecular analysis.
- Assist in the planning and organizing of future experiments

**August 2011 – October 2016**

**Rivertree Church  
Treeschool | Teacher's Aide**

- Helped teach basic skills and assisted with learning activities from curriculum
- Attended to children's basic needs
- Enforced behavioral rules
- Assisted with crafts, games, music and storytelling
- Conducted Kindergarten evaluations
- Assisted director with enrollment, immunization records, and other various forms
- Organized educational tools for teacher's utilization
- Substitute taught when needed

**June 2014 – August 2014**

**Rivertree Church  
Student Ministry | Intern**

- Created and implemented bible studies for students in grades 6-12
- Led small groups and mentored students, specifically 7<sup>th</sup> & 8<sup>th</sup> grade girls
- Led students on a summer missions trip/camp
- Created games and activities for students
- Planned, organized, and prepped for large events

**August 2014 – October 2016**

**Rivertree Church  
Treeschool | Teacher**

- Provided various resources for children to explore, manipulate, and learn with academic and imaginative play
- Attended to children's basic needs
- Met Alabama educational requirements for three-year-olds
- Assisted children in daily activities such as crafts, lunches, academic activities, etc.
- Created and implemented behavior & classroom management techniques
- Communicated with parents about child's emotional, behavioral, physical, and academic development

## **Professional and Academic Societies**

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- World Aquaculture Society
- Alabama Academy of Sciences
- Phi Sigma Honors Society

## Presentations & Abstracts

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- **2019** Oral Paper Presentation & Abstract for the 96th Annual Meeting of the Alabama Academy of Sciences: *Lab Animals and Human Diets: What Can We Learn?* **Anna Grace Ballard\***, Sophie Bru, Benjamin Marsh, Jarod Lowe, Michael Williams, Chloe Childress, Stephen Watts.
- **2019** Poster Presentation for The UAB Expo: *Lab Animals and Human Diets: What Can We Learn?* **Anna Grace Ballard\***, Sophie Bru, Benjamin Marsh, Jarod Lowe, Michael Williams, Chloe Childress, Stephen Watts.

## Awards

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- **2019** Second place oral presentation for the Biological Sciences, Undergraduate Division of the 96<sup>th</sup> Annual Meeting of the Alabama Academy of Sciences
- **2019** Alabama Academy of Science Travel Award \$76

## Community Service

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**Student International (March 2013, August 2013, March 2015).** Jarabacoa, Dominican Republic

- **Education Sites:** Provide assistance in educating children in preschools and tutoring centers. Planned and implemented games that encouraged children to come to school
- **Women's Social Work Site:** Fostered emotional support and empowerment of the women in the community of El Callejon

**Student Life (2009, 2012, 2013)** Cleveland, TN

- Plan, organize, and host backyard bible clubs in low socioeconomic communities

**Operation Christmas Child Distribution Center (2011)** Boone, NC

- Sorted boxes of donated item for children in impoverished countries.

**Mission Trip for the Karen Refugees (2010),** Jacksonville, FL

- Plan, organize, and host backyard bible clubs for the Karen refugee children.
- Organize clothing donations for the Karen people living in the area.

**Care Center (2007-2013)** Southeast Madison County, AL

- **Home Repair Ministry:** Provide assistance in repairing homes for the elderly and single mothers

- **Food Pantry:** Organized and stocked food pantry. Collected groceries for families in financial crisis
- **Thrift Store:** Sort, fold, and organize donation items to be sold
- **Bags of Blessings:** Stocked several hundred bags of food for children who received free or reduced lunches at local public schools