

Amanda Dulce Caraballo
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Education:

University of Iowa, Iowa City, IA	Fall of 2019 - Spring of 2023
Bachelor of Science, Environmental Science with an emphasis in Bioscience	
Chemistry, Minor	Fall of 2019 - Spring of 2023
Geographic Information Science, Certificate	Fall of 2019 - Spring of 2023
3.7 GPA	

Honors and Awards:

Valedictorian	Class of 2019
Old Gold Scholarship	August 2019 - Present
Advantage Iowa Scholarship	August 2019 - Present
F. C. Denkman Scholarship	August 2020-May 2021

Laboratory Experience:

Dr. Heather Sander	May 2021-Present
<ul style="list-style-type: none">Analyze and visualize data using ArcMAP and other GIS softwareApply ecological principles to study three species of owls across an urban gradientField experience such as call-back surveys, small rodent \surveys, and tree/understory vegetation surveys	

Dr. Bin He	November 2019 - May 2021
<ul style="list-style-type: none">Independently design and build plasmidsStudies protein-protein interactions with Co-IPApply evolutionary biology principles to answer the question of “How do stress response networks evolve?”	

Laboratory Skills:

Pipetting, Microsoft Excel, Microsoft Word, Microsoft Powerpoint, Gas synthesis, Titration, Western Blot, PCR, Gel electrophoresis, Gibson Assembly, Overlap PCR, Golden Gate, Yeast Transformation, E. coli Transformation, Phylogenetic Tree Reconstruction, etc.

Presentations:

ABRCMS Presenter	November 2020
Fall Undergraduate Research Festival	November 2020
Summer Undergraduate Poster Symposium	July 2021

Internships/Fellowships:

IBA/Science Alliance Scholar	October 2019 - Present
<ul style="list-style-type: none">Participates in career development seminars and activities	
ICRU Fellowship	August 2020 - May 2021
<ul style="list-style-type: none">Practice critical thinking and problem solving skills through research	

Leadership and Organization Roles:

Bee Campus Committee	July 2021-Present
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- Work to get the University of Iowa recognized as one
- Plan pollinator-friendly habitats
- Educates and involves the public through pollinator friendly activities

UIBIO-Environment and Sustainability Chair

May 2021-Present

- Organized 12 events per year that focus on environmental issues awareness, volunteer opportunities, and University of Iowa specific opportunities for students!
- Planning and organizing as this is a new position that I made

UIBIO-Professional Liaison

August 2019 - May 2021

- Organized 12 events per year that focus on networking, career preparation, and University of Iowa specific opportunities for students!
- Constantly practicing leadership skills
- Increases public speaking skills

Dance Marathon

August 2019 - May 2020

Volunteering:

Unity-Point Health Marshalltown

May 2017 - May 2019