

## AYANNA ST ROSE

Department of Biological Sciences, Science and Engineering, University of Arkansas,  
Fayetteville, Arkansas 72701

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### EDUCATION

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Ph.D.	Biology University of Arkansas, Fayetteville, AR, USA <u>Dissertation Title</u> : Investigating the spatio-temporal effects of increasing greenhouse gases and climate change on forest area. <u>Advisor</u> : Dr. Kusum Naithani	2019 – Present
M.Sc.	Biological Analytics University of Arkansas, Fayetteville, AR, USA	2019-Present
B.S.	Biology University of Arkansas, Fayetteville, AR, USA	2015 – 2018
Associates Degree	Biology & Physics Dominica State College, Roseau, Dominica	2012 – 2014

### PUBLICATIONS & PRESENTATIONS

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**Poster:** St Rose, A., Bailey, A., Reavis, M., Yingling, S., Kumar, A., Pereira, A. and Naithani, K., 2020. ***Phenotyping Rice Genotypes Using Light And CO2 Response Curves.***

### WORK EXPERIENCE

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1/2019 – Present	<b>Graduate Assistant</b> , Department of Biological Sciences, University of Arkansas, Fayetteville, AR. Duties: Teaching, preparing exams and course material, grading, facilitating discussions. Classes Taught: Biology for Majors (Lab), Principle of Biology (Lab)
11/2018 – 1/2019	<b>Assistant Manager</b> , HotRose Pepper Sauce, Roseau, Dominica <u>Duties</u> : Managing finances, marketing product, and running daily business.
5/2018 – 8/2018	<b>C. Roy Adair Plant Pathology Scholar for summer research</b> , University of Arkansas, Fayetteville, AR. <u>Skills Learned</u> : Operating Inverse Electron Microscope, analyzing and presenting research data, working in an interdisciplinary team including scientists from Physics and Plant Pathology.
9/2017 – 11/2018	<b>Lab Technician I</b> , Department of Plant Pathology, University of Arkansas, Fayetteville, Arkansas <u>Duties</u> : Experimenting using multiple strains of bacteria and genera of rice plants, preparing LB, KB, and MS media for bacteria growth, assisting in a variety of research.

8/2016 – 5/2017	<b>Coffeehouse Committee Chair</b> , University Programs, University of Arkansas, Fayetteville, Arkansas <u>Duties:</u> Budgeting student activities fees, proposing student activities, leading team of 14 individuals, contacting agents and artists.
9/2015 – 5/2016	<b>Daytime Committee Chair</b> , University Programs, University of Arkansas, Fayetteville, Arkansas <u>Duties:</u> Budgeting student activities fees, proposing student activities, leading team of 5 individuals, contacting agents and artists.
8/2014 – 7/2015	<b>Data Entry Clerk/Administrative Assistant</b> , Financial Center, Roseau, Dominica <u>Duties:</u> Drafting contracts, entering data, overseeing teaching interns, finding placements for interns, performing other administrative duties.

## WORKSHOPS & SKILLS TRAINING

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2021	Foundations of Open Science Skills, Cyverse. Learned how to use an online container to manage data, code and promote FAIR (Findable, Accessible, Interoperable and Reproducible) data.
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## ACTIVITIES & HONORS

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8/2020	Latin American Chapter Chair, Organized a Symposium. Title: <b>"Harnessing Ecological Data Under Political Instability: Lessons from Latin America."</b>
10/2020	Latin American Chapter Chair, Organized joint webinar with Association for Tropical Biology and Conservation
7/2019	NEON/TERENO Carbon Workshop Scholarship <b>(Amount: \$4,700.00)</b>
6/2019	NEON-ESA Early Career Scholar <b>(Amount: \$1,500.00)</b>
9/2016 – Present	Member Alumni Association
5/2018 – 8/2018	Recipient, C. Roy Adair Plant Pathology Scholarship for research <b>(Amount: \$5,800.00)</b>
5/2018	Award Recipient University of Arkansas Graduating Student Leader
2/2018	Award Recipient, Barbara Lofton Leadership Award
8/2017 – 5/2018	Member, Health and Occupational Safety Committee
5/2017 – 5/2018	Vision Team Leader
8/2017 – 5/2018	InterVarsity Christian Ministry
8/2016 – 5/2017	Vice President, Caribbean Students Association
8/2016 – 5/2017	Small Group Leader, InterVarsity Christian Ministry

## VOLUNTEER

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- ESA Latin American Chapter, Co-Chair
- Hurricane Maria Relief
- Feed The Homeless
- LifeSource After-School Program
- Campus Food Pantry
- Yvonne Richardson Community Center

## REFERENCES

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Available upon request.