

Mikal Roberts

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Professional Profile

- Undergraduate research scientist with experience in genetics and molecular biology
- 3+ years of experience working in laboratories
- Experience with writing and editing grants

Education

University of Alabama at Birmingham

Birmingham, AL

Bachelor of Science in Biology

March 2016

- Ken R. Marion Biology Career Award Scholarship recipient
- Phi Sigma Biological Science Honors Society member

Research Experience

UAB

Birmingham, AL

Research Assistant

01/2014-05/2016

- Collected, recorded, and analyzed data
- Conducted directed literature searches
- Wrote and edited grant proposals
- Contributed to research on the role of oxalate and oxalobacter formigenes in calcium oxalate kidney stone disease

UAB Genetics Research Division

Birmingham, AL

Lab Assistant

01/2013-12/2013

- Input data from experiments into computer systems
- Reagent preparation, DNA isolation, and PCR analysis

Volunteer Experience

1917 Clinic

Birmingham, AL

Research Clinic Volunteer

01/2015-Present

- Assists with clinical trials, including making charts, labeling tubes, charting, and maintain integrity of data

Presentations

Jones, M.B., Smith, R.A., & Rodriguez, M.S. (2016, April). *The effects of oxalobacter formigenes in treating kidney disease in rats*. Poster session presented at the UAB Undergraduate Research Expo, Birmingham, AL.

Publications

Jones, M.B., Smith, R.A., & Rodriguez, M.S. (2015). Preliminary results on the effects oxalobacter formigenes in treating kidney disease in rats. *Journal of Cool Science Stuff*, 893-904.

Affiliations

American Institute of Biological Sciences (AIBS)

2015-Present

American Society for Biochemistry and Molecular Biology (ASBMB)

2015-Present