

**LARRY LABMAN**

Rock Hill, SC | 803/555-5555 | labmanl2@winthrop.edu

**EDUCATION:****Bachelor of Science in Biology, Minor in Chemistry****Graduation: May 2020***Winthrop University – Rock Hill, SC***GPA: 3.90**

- Honors Program Student, Dean's List

**SUMMARY OF SKILLS:**

- Familiar with laboratory setting and safety protocols
- Capable of analyzing test results and communicating data through technical writing and oral presentations
- Experienced with creating PCR primers and allele-specific PCR
- Skilled in DNA and RNA extraction techniques
- Proficient with inoculating and identifying bacterial strains
- Worked with CRISPR/Cas9 system

**RELEVANT EXPERIENCE:****Genetics Research Assistant****August 2018 - Current***Meiotic Recombination on Drosophila Chromosome 4**Dr. Ginnifer Genetics, Winthrop University Biology Department – Rock Hill, SC*

- Assayed effects of *egg*<sup>1473</sup> mutation on meiotic recombination rates
- Extracted and purified DNA from *Drosophila*
- Created protocols for allele-specific PCRs
- Performed gel electrophoresis and subsequent analysis
- Dissected *Drosophila* ovaries for RNA purification
- Prepared written report summarizing experimental data
- Presented research orally to Winthrop University Biology Department Seminar Series (April 2016) and Showcase of Undergraduate Research and Creative Endeavors conference (April 2016)
- Conducted poster presentations at SC IDEa Networks of Biomedical Research Excellence Symposium (August 2018)

**Microbiology Lab Assistant/Teacher's Aide****August 2016 - May 2018***Winthrop University Biology Department – Rock Hill, SC*

- Prepared agar, inoculated organisms, and performed genetic transductions & transfections
- Answered students' questions about lab techniques and proper write-up procedure

**PUBLICATIONS:**

Smith A, Doe J, Stewarts M, Hartmann MA, Labman L, Hawkins S. 2016. Bloom Syndrome Helicase Promotes Meiotic Crossover Patterning and Homolog Disjunction. *Current Biology*. 24(1):90-100.

**LEADERSHIP AND COMMUNITY INVOLVEMENT:****Vice President of Administrative Affairs; Interfraternity Council****November 2017 - April 2019****Vice President, Scholarship Chairman; Sigma Alpha Epsilon Fraternity****November 2016 - November 2018**

- Fundraised over \$2000 for Children's Miracle Network, ΣAE Helping Hands, and Adopt a Family

**Secretary; Order of Omega Honor Society****April 2017 - April 2018****Liaison; Alpha Psi Omega Theatre Honor Society****April 2016 - April 2017**