Jessica P. Clark

(513) 555-5555 | jessicapclark@gmail.com

EDUCATION

Miami University, Oxford, OH — May 20xx
Bachelor of Science in Engineering
Major: Biomedical Engineering
GPA: 3.8/4.0

Provost's Student Academic Achievement Award — June 20xx
Miami University, Provost's Selection Committee

- Awarded annually to 10-15 students for outstanding record and significant contributions to the intellectual climate

RELATED COURSEWORK

- Bioinstrumentation
- Bioethics
- Biomaterials
- Human Physiology
- Engineering Thermodynamics
- Biomedical Signal Analysis

RELEVANT SKILLS

- MATLAB
- TGA/DSC
- Microsoft Office
- Project Management
- 3-D Printing
- Technical Writing

RELATED EXPERIENCE

Research Assistant — January 20xx – May 20xx
Miami University, Oxford, OH

- Trained teammates to use a variety of engineering equipment, including 3D-bioplotter, rheometer, DSC, and TGA
- Took over and currently lead work of former graduate student that focuses on bone tissue engineering with collagen-based scaffolds, 4 – 8 hours per week during the semester
- Managed project by delegating tasks and creating monthly schedules/deadlines

Senior Design Project — August 20xx – December 20xx
Miami University, Oxford, OH

- Lead a team of senior engineers in a collaborative project with the United States Air Force, focusing on a microneedle apparatus that can provide real-time feedback in the field

PRESENTATIONS & PATENTS

Clark, J., Smith, G., Johnson, P.F., & Young, A. Crosslinking to Enhance the Mechanical Properties of 3D-Plotted Collagen-Based Scaffolds for Bone-Tissue Engineering. Poster Presentation at American Institute for Chemical Engineers Annual Meeting, Boston, MA, November 20xx.

Clark, J. & Jones J. A. Methods for the Improved Production of Psilocybin and Intermediates or Side Products through Enzyme Optimization. U.S. Provisional Application Number: 63/263,607. 20xx.