

# Jessica D. Howard

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Nashville, TN | Lexington, KY

## EDUCATION

University of Kentucky

Expected Graduation May 2026

Major: Chemical Engineering

GPA: 3.46/4.00

Certificate: Distillation, Wine, and Brewing Studies

Lewis Honors College: Scholars in Engineering and Management

## WORK EXPERIENCE

The Procter and Gamble Co.

Cincinnati, OH

*Baby Care Research and Development: Process Engineering Intern*

*May to August 2024*

- Pioneered the integration of RFID in process to facilitate a touchless flow for operational inputs and asset management
- Collaborated with Process Controls partners to design logic flow and data collection procedure
- Partnered with 3<sup>rd</sup> party vendors to communicate objectives and inform equipment choices for testing purposes
- Designed, iterated, and carried out tests to assess capabilities and limitations of RFID systems from various vendors
- Utilized JMP to create and analyze visualization of data

GE Appliances

Louisville, KY

*Supply Chain: Lean Manufacturing Coach*

*May to August 2023*

- Eliminated 2 seconds of waste, saving over \$15,000 annually, through a workstation redesign
- Taught Lean foundations to 22 Co-ops across functions
- Piloted an Ergonomic Blitz Manual to improve safety in 9 GEA plant sites
- Created Job Instruction forms for 5 processes to develop an efficient flow

GE Appliances

Louisville, KY

*Supply Chain: Area Business Leader*

*August to December 2022*

- Managed operations on an assembly line of 90+ operators
- Used lean and 5S principles to solve problems interfering with production
- De-escalated conflicts which arose throughout the day
- Communicated production metrics through an End of Shift Report
- Collaborated with LEAN, Maintenance, Quality, and Materials teams to ensure process efficiency and product quality
- Implemented daily meetings to encourage problem-solving and communication between team leads and management while

## ACTIVITIES AND LEADERSHIP

National Society of Black Engineers

*University of Kentucky (2021- 2024)*

*Treasurer (2023-2024)*

- Designed and managed chapter budget of over \$15,000
- Collaborated with Finance Chair, President, and VP to secure funding for events
- Worked in tandem with chapter advisors to execute the mission of our organization through financial planning

*Parliamentarian (2022-2023)*

- Organized and led general body meetings
- Structured and oversaw executive board elections and transition between boards

Pigman College of Engineering

*University of Kentucky (2023- Present)*

*Student Ambassador*

- Represent the College of Engineering at recruiting events and tours
- Highlight the opportunities and resources available to prospective engineering students and their parents

UKY Pigman COE Career and Co-op Center

*Career Peer*

- Read and identify areas for resume revision according to each student's career goals
- Coach students through the job search, application, and interview processes by providing advice and encouragement based on data and lived experience

## HONORS AND CERTIFICATES

SACHe: Identifying and Minimizing Process Safety Hazards

2024

Lewis Honors College Rising Leaders Program

2023 - Present

Otis A. Singletary Scholar

2021 - Present

Toyota / UKY TrueLEAN Systems Certificate

2023