

Jaycee Glover, MBA

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WORK EXPERIENCE

08/2025 - **Arizona State University**
PRESENT Graduate Teaching Assistant

I am the Teaching Assistant of one of the lab sections for the undergraduate course MBB 347 - Molecular Genetics: From Genes to Proteins. My role is to lead the class in explaining the lab experiments and lecturing on the lab concepts. I was also responsible for grading the students' lab reports.

11/2024 - **PerkinElmer/Merck**
08/2025 Research Specialist/Contractor, Biobank Operations

- As a full-time PerkinElmer employee, I was sent to Merck San Diego to work as a contractor for its Biobanking Operations team. Biobanking is the collection of biological materials and associated data for medical or scientific research.
- BSL-2 Genomic DNA isolation and peripheral blood mononuclear cell (PBMC) isolation from whole blood samples taken from inflammatory bowel disease (IBD) patients (50% of my responsibilities).
- BSL-1 Storing biological samples, recording, taking inventory, and analysis of the patient data provided in received samples (50% of my responsibilities).

08/2022 - **Vertex Pharmaceuticals, Inc.**
08/2024 Research Associate (Contract)

- BSL-2 mammalian cell culture on cystic fibrosis human bronchial epithelial (hBE) cells (100% of my responsibilities)
 - BSL-2 tasks included thawing cell vials, coating cell flasks/plates, feeding cell flasks/plates, passaging cell flasks, and plating cells.

EDUCATION

08/2025 - **Doctor of Philosophy (Ph.D.) in Molecular and Cellular Biology**
PRESENT Arizona State University
GPA: 4.0

08/2022 - **Master of Business Administration (M.B.A.) in Business Analytics**
08/2024 California State University - San Marcos
Outstanding Student Award for Business Analytics
GPA: 3.96

08/2020 - **Bachelor of Sciences (B.S.) in Biological Sciences**
05/2022 **Concentration in Molecular and Cellular Biology**
Minor in Business Administration
California State University - San Marcos
Summa Cum Laude, Dean's List
GPA: 3.95

SKILLS

- Aseptic Sterile Technique
- BSL-2 Mammalian Cell Culture
 - human Bronchial Epithelial (hBE) cells
 - A549 cells
 - THP-1 cells
- PBMC Isolation
- Bacterial culturing and agar plate streaking
 - *Mycobacterium abscessus*
- Graphing Data (GraphPad Prism)
- Data Analytics (Excel & RStudio)
- Aseptic Technique
- Genomic DNA Isolation