

Paris Davenport

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SUMMARY

Early career laboratory professional with a Bachelor of Science in Biology and supervised university laboratory experience supporting specimen receipt, identification, preparation, processing, and documentation. Completed more than eight semester units across biology and chemistry coursework, with practical work involving blood, urine, sputum, swabs, stool, microbial samples, culture media, **chemical reagents, sterile solutions**, staining, microscopy, and quality checks. Operated centrifuges, balances, water baths, colony counters, autoclaves, mixers, and related equipment under written procedures. Built accurate **electronic records** with Microsoft Excel and practiced laboratory information workflows modeled on clinical settings. Applied infection control, chemical safety, waste segregation, and contamination prevention throughout bench activities. Comfortable with structured deadlines, varied schedules, and supervised work involving infectious materials. Ready to contribute dependable specimen support and clear documentation in a clinical or **public health laboratory**.

EDUCATION

Bachelor's Degree in Biology

2026

California Baptist University GPA: 0

Riverside, CA

Coursework: Microbiology, Chemistry, Biology, Immunology, Laboratory Methods

TECHNICAL SKILLS

- **Specimen Handling:** Blood, urine, stool, sputum
- **Microbiology Methods:** Aseptic transfer, incubation, colony counting
- **Media and Reagents:** Culture media, chemical reagents, sterile solutions
- **Slide Preparation:** Staining, microscopy, slide quality checks
- **Laboratory Equipment:** Centrifuges, balances, water baths
- **Sterilization Equipment:** Autoclaves, mixers, shakers
- **Electronic Records:** Laboratory information systems, Excel, electronic worksheets
- **Clinical Systems:** EHR systems, Meditech, Epic
- **Safety Practices:** Infection control, chemical safety, waste segregation
- **Testing Disciplines:** Hematology, microbiology, urinalysis
- **Specimen Types:** Swabs, bodily fluids, tissue samples
- **Public Health Support:** Environmental samples, food samples, vector samples

SKILLS

- | | | | |
|-----------------------|---------------------|----------------------------|----------------|
| • Specimen receiving | • Culture media | • Infection control | • EHR concepts |
| • Specimen labeling | • Chemical reagents | • Chemical safety | • Centrifuges |
| • Specimen processing | • Sterile solutions | • Laboratory documentation | • Autoclaves |
| • Microbiology | • Slide staining | • Microsoft Excel | |

EXPERIENCE

Laboratory Assistant, Research Assignment

January 2026 - September 2026

University Research Lab

Riverside, CA

Supported supervised teaching laboratory operations through specimen accession practice, equipment use, media preparation, slide staining, electronic records, and safety controls. Work strengthened readiness for clinical and **public health laboratory** settings where accurate identifiers, controlled processing, and timely documentation affect testing decisions.

- Verified specimen identifiers and labeled tubes during supervised accession exercises, preserving traceability through preparation.
- Operated **centrifuges**, balances, **water baths**, mixers, and autoclaves after recording equipment condition checks.
- Prepared **culture media, chemical reagents**, and sterile solutions using protocol calculations and lot records.
- Stained microbial **slides**, reviewed microscopy quality, and repeated preparation when controls produced inconsistent results.
- Entered sample status and observations in electronic worksheets, then reconciled records against source information.
- Applied biosafety, chemical handling, hygiene, and waste segregation procedures during infectious material simulations.

Clinical Specimen Workflow Project

August 2025 - December 2025

Capstone Project

Riverside, CA

Created a supervised simulated hospital workflow covering varied specimen types, accession records, processing controls, electronic documentation, and testing handoff. The project connected classroom biology with practical laboratory operations and supported clear, complete review by faculty evaluators.

- Mapped receipt requirements for **blood**, urine, sputum, swab, and stool **specimens** in Excel.
- Built accession records with validation checks, identifying missing identifiers and collection details before analysis.
- Compared centrifugation, aliquoting, storage, and slide preparation steps across varied specimen requirements.
- Prepared **culture media** and staining materials under faculty protocols, recording **sterile technique** observations.
- Reviewed 60 simulated records against a checklist, confirming complete routing and documentation.
- Presented a **process** map covering receipt, preparation, **electronic records**, testing handoff, and safe disposal.

Microbiology Laboratory Project

January 2025 - May 2025

Student Lab

Riverside, CA

Completed supervised **microbiology** laboratory work involving teaching samples, aseptic transfers, culture media, incubation, staining, colony observation, **electronic records**, and safety procedures. Activities developed practical discipline for contamination control, result review, and traceable specimen documentation.

- Investigated bacterial growth using aseptic transfer, **culture media**, incubation, staining, and colony observation.
- Prepared sterile materials with **balances**, **mixers**, and an autoclave under written laboratory procedures.
- Recorded colony morphology and compared controlled plates with expected results to flag possible contamination.
- Prepared stained slides for microscopy, documenting source codes, **stain** sequence, observations, and repeats.
- Maintained Excel records for sample codes, culture conditions, observations, and final interpretations.
- Completed disinfection, infectious material, sharps awareness, and waste segregation exercises safely.

PROJECTS

Community Sample Safety Study 📅 May 2026

A faculty guided study connected everyday environmental samples with safe laboratory practice. Work focused on clear labeling, controlled handling, observation records, and thoughtful review of results, helping translate biology coursework into useful public health awareness.

Microscopy Quality Review 📅 December 2025

A small classroom investigation examined how preparation quality shapes microscopy findings. Repeated staining, control review, and careful notes showed how patient, consistent bench work supports dependable laboratory decisions.

LEADERSHIP & AWARDS

- Dean's List, 2025
- Undergraduate Biology Laboratory Achievement Award, 2026
- Biology Peer Study Group Coordinator, 2025 to 2026

CERTIFICATIONS

- Laboratory Safety Fundamentals 📅 2026
- Microsoft Excel for Data Management 📅 2025

PROFESSIONAL AFFILIATIONS

- Campus Laboratory Safety Committee, Student Representative, 2026
- Biology Peer Study Group, Coordinator, 2025 to 2026

LANGUAGES

- English (Native) • Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST