

Sasha Cierniak

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Education

BACHELOR'S DEGREE | SPRING 2024 | UNIVERSITY OF MISSOURI - COLUMBIA

- Major: Biological Sciences
- Recognition: Dean's List Recipient, University of Missouri Curator's Scholar

Laboratory Techniques and Instrumentation

- Electromyography application and interpretation
- Colony isolation/morphological identification
- Order of Draw
- Gram/Acid-fast stain
- Distillation
- Laboratory sanitization and sterilization
- Nitration
- Chromatography
- Western Blot
- Gel electrophoresis
- Biochemical tests: CAMP, coagulase, catalase, bacitracin susceptibility, optochin, triple sugar iron, indole, urease, growth inhibition, and oxidase test.

Skills & Abilities

- Microsoft/Google Suite
- Statistical analysis
- Stocking and inventory
- Customer relations and management
- Phlebotomy knowledge
- Patient care experience

Experience

LABORATORY AND COURSEWORK | UNIVERSITY OF MISSOURI | AUGUST 2019 - PRESENT

- Responsible for diligent maintenance of lab notebook, data entry, observational recordings, procedures, and reagents during and after laboratory hours.
- Extensive experience with data organization and entry through Microsoft and Google software; additional proficiency in advanced, differentiated software such as LabChart, Bioclipse, and GitHub.
- Rapidly acquired skills in identifying and diagnosing microbial infections through the mastery of laboratory techniques pertaining to staining, microscopy, and culturing.
- Performed inferential, descriptive, associational, and parametric statistical analysis of data sets which includes independent t-tests, paired t-tests, ANOVA, MANOVA, Wilcoxon rank-sum, Kruskal-Wallis H, and Friedman tests; applied statistical values to confirm or deny biological hypotheses.
- Written and oral communication of statistical analysis, data conclusions, lab conductance, and scientific findings to large and small group settings while producing accurate, thoughtful responses in Q&A platforms.
- Consistently communicate and collaborate with peers regarding task delegation, experiment formation, laboratory techniques, and data presentation.

RELEVANT COURSEWORK: Cell Biology, Human Physiology, Calculus I & II, Organic Chemistry I & II, Organic Chemistry Laboratory I, Genetics, Medical Microbiology & Immunology, University Statistics.

LAB ASSOCIATE | BOONE HEALTH | PRESENT

- Completed training in venipuncture, blood cultures, isolation procedures, and finger sticks under direct supervision.
- Knowledge of specimen entry and transport, including the use of vocera and PPID for communication and identification purposes.
- Adhered to hospital guidelines, HIPPA, onboarding training, and new hire protocols.

ASSISTANT JUNIOR COACH | LEARN TO SKATE | *MAY-AUGUST 2018, 2019, 2021, 2022*

- Assisted in fundamental and beginner skating instruction for students of varying ages and skill levels.
- Advised skaters and parental figures on the proper use and fit of ice sports equipment while demonstrating superior on and off-ice customer service that was representative of organization ideals.
- Fostered professional relationships with students and parents to develop specialized lesson plans that aligned with student goals in the ice sports industry; effectively instructed skaters using guidelines given by superiors while implementing innovative ice games to boost student engagement.
- Conducted and maintained accurate records of attendance, skill evaluations, and payment methods; organized data entry using physical and digitized filing methods.
- Aided in the development and distribution of off-ice marketing during public skate sessions and community events to engage prospective skaters, specifically flyer distribution, seasonal charity events, and booth setup.
- Well-versed in adaptive skating lessons which provide instruction to those with cognitive and physical disabilities. Required specialized instruction and attention to ensure safety and promote inclusion.

RETAIL ASSOCIATE | REPLAY YOUR CLOSET | *2017 - 2018*

- Responsible for maintaining a welcoming environment while promptly answering customer questions. This includes being knowledgeable about company policies regarding the intake of current clothing brands, consignments fees, money distribution, and communication between storefront and potential clients.
- Upheld customer service ideals while answering phone calls, completing monetary transactions, and greeting customers & clients.
- Keyholder leadership role which involved the intake of inventory, stocking the floor, implementing visual displays, and enforcing smooth, daily transactions between customers and the company in the absence of superiors.
- Familiarized with Liberty4Consignment and ResaleWorld software; Instructed employees on its application which overall boosted productivity in the workplace through extensive understanding and ease of use.