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| .   |  | | --- | | Leanna Watts | |  | |  | | Contact  **Address:  :** Chandler, AZ 85224  **Phone::** Available upon Request  **Email::** watts.leanna@gmail.com  Skills   * Communication * Research Skills and Research Operations * Critical Thinking * Microsoft Office Proficient: Word, Outlook, Excel, PowerPoint * Project Management * Proposal writing * Research Protocol Development * MyWorkday Operational Systems * Grant Submissions * Time Management * Communication * Research Skills and Research Operations * Critical Thinking * Microsoft Office Proficient: Word, Outlook, Excel, PowerPoint * Project Management * Proposal writing * Research Protocol Development * MyWorkday Operational Systems * Grant Submissions * Time Management     Education  M.S : Biology, Expected in 2024  Arizona State University - Tempe, AZ   * **Grant Proposals Awarded:** GPSA Jumpstart Grant Awarded, GPSA Student Support Grant, CAP LTER Grant $4000 * **Arizona Federation of Garden Clubs State Scholarship Scholarship Recipient** * **Thesis:** Determining the Effects of Enrichment on Stress and Reproduction * **Relevant Coursework:** Scientific Report Writing, Biostatistics, Grant Writing for Non-Profits, Responsible Conduct of Research (RCR) in Life Sciences * **3.8 GPA**     B.S : Natural Resources, 05/2018  University of Arizona - Tucson, AZ   * Relevant Coursework: Biology, Chemistry, Public Speaking     Undergraduate Certificate: Zoo And Aquarium Conservation, 05/2018  University of Arizona - Tucson, AZ      Certifications   * **RCR - Biomedical Responsible Conduct of Research**-CITI Program Training -03/2022 * **Aseptic surgery**-CITI Program Training -09/2020 * **Working with Mice in Research**-CITI Program Training- 09/2020 * **Working with Rabbits in Research**-CITI Program Training- 09/2020 * **Working with Rats in Research**-CITI Program Training * **Working with the IACUC-Investigators, Staff and Students**-CITI Program Training-09/2020 * **Reducing Pain and Distress in Laboratory Mice and Rats**-CITI Program Training-08/2018 * **Animal Welfare**-San Diego Zoo Wildlife Alliance- 12/2016 * **2023 EHS Fire Safety Annual Training** Training - 05/2023 * **EHS ASU Biosafety and Bloodborne Pathogens Training** Training - 5/2023 * **EHS Annual Laboratory Safety** Training - 10/2022 * **EHS Hazardous Waste Management** Training - 10/2022 |  |  | Professional Summary  Results-oriented professional with substantial research operations, project management, and proposal development background. Skilled in conducting experiments, analyzing data, and ensuring compliance with regulations. Proven track record in securing grant funding. Committed to safety and research integrity. Eager to support scientific innovation.  Research Experience  Graduate Researcher, 08/2021 to Current  Arizona State University - Tempe, AZ   * Designed and conducted experiments, collected data, and maintained results databases demonstrating research skills and knowledge of Research Operations * Demonstrated evidence of proposal writing and grant submissions by securing grant proposals to obtain funding for research projects and secured **$6,500** to fund entire Master's Thesis * Used ASU MyWorkday systems to order laboratory supplies, monitor grant expenses, and ensure efficient use of funds demonstrating project management and administration * Demonstrated Research Protocol Development by creating Standard Operating Procedures (SOPs) for student training and submitting Institutional Animal Care and Use Committee (IACUC) protocols, ensuring all animal research adhered to ethical standards and federal regulations * Implemented project scheduling demonstrating resource and project management, project coordination, and time management skills * Used Research skills and critical thinking to conduct thorough literature reviews to understand research topics better and prepare for studies * Managed onboarding of new students demonstrating administration skills and met regularly with research team to identify issues and maintain study alignment with objectives     Research Technician, 01/2023 to 06/2023  Arizona State University   * Demonstrated Research Skills and knowledge of Research Operations by conducting laboratory tests in molecular genetics, showcasing exceptional attention to detail, and generating reliable and precise data * Exemplified communication and collaboration, facilitating knowledge sharing and coordination within lab for productive environment. * Demonstrated strict compliance to personal protective equipment, safety procedures, and university, state, and federal regulations, showcasing commitment to upholding stringent safety standards and protocols in research operations * Effectively managed 20 research mouse colonies, demonstrating vital research operations and research skills. Oversaw breeding, genotyping, tissue collection and maintained optimal animal husbandry practices. * Demonstrated proficient research skills through routine maintenance of laboratory instruments, including thermocyclers and electrophoresis units. * Demonstrated strong communication, research operations, and written/verbal communication skills by accurately maintaining research data, composing comprehensive reports, and effectively communicating findings to investigators. Played pivotal role in recording and reporting research outcomes. * Enhanced research mouse breeding efficiency by 40% through effective utilization of critical thinking skills     Animal Technician, 06/2022 to 12/2022  Arizona State University   * Demonstrated research operation skills and commitment to animal welfare by efficiently feeding, watering, stocking, cleaning, and disinfecting habitats of 300+ animals, ensuring their health and wellbeing * Showcased excellent communication skills by administering medications to animals in treatment and accurately documenting changes in their condition * Exhibited proficient data management and recordkeeping skills crucial in research operations by meticulously monitoring room conditions and maintaining detailed records in both written and electronic formats * Exemplified versatility by autonomously completing tasks and effectively collaborating within team to achieve department goals, demonstrating effective communication and teamwork abilities     Research Specialist, 08/2021 to 05/2022  Arizona State University   * Demonstrated exceptional project management skills through effective coordination of lab activities and strict adherence to research protocols, resulting in 20% increase in research efficiency and productivity, providing strong evidence of expertise in research operations. * Exhibited financial and resource management capabilities by successfully overseeing laboratory budgets, efficiently handling purchasing responsibilities, and effectively managing inventory of chemicals and supplies, showcasing proficiency in MyWorkday operational systems * Utilized Microsoft products proficiently for streamlined research data management, documentation, and analysis, highlighting expertise in leveraging technology to enhance productivity in research operations * Ensured full compliance with lab safety regulations by expertly handling hazardous waste disposal, emphasizing commitment to safety and adherence to industry standards in research operations * Implemented efficient system for ordering and managing lab supplies, contributing to organized lab environment, and demonstrating expertise in MyWorkday operational systems     Research Technician II, 09/2020 to 08/2021  University of AZ Cancer Center Director   * Supported senior management with enhancement of continuous improvement of research procedures demonstrating research skills * Supervised postdoctoral researchers, guiding experimental design and data collection, resulting in 20% increase in experimental efficiency and accuracy, highlighting strong evidence of research operations * Managed research mouse colonies, maintained databases for efficient recordkeeping, and conducted data analysis, leading to streamlined workflow and 30% reduction in data processing time, showcasing critical thinking and research skills * Performed DNA isolation from tissue samples and executed PCR genotyping with success rate of 95%, demonstrating proficiency in research skills * Documented behavioral and physiological observations in research mice, exhibiting meticulous attention to detail and accurate data recording, highlighting research operations, research skills, and critical thinking * Provided progress reports to principal investigator, effectively communicating research progress and maintaining transparency, serving as evidence of strong communication abilities     Senior Animal Technician, 08/2018 to 09/2020  University of Arizona   * Ensured health, husbandry, and welfare of research rodents, displaying attention to detail, showcasing evidence of research operations and independent work * Implemented and enforced lab safety practices, including hazardous waste management and strict safety standards, promoting safety and compliance, illustrating research operations expertise * Efficiently completed service requests for maintenance and repairs of animal holding rooms and research equipment, contributing to well-maintained research laboratory environment, demonstrating evidence of research operations * Operated variety of laboratory equipment for animal research, consistently maintaining biosafety cabinets and hoods for optimal performance, showcasing research operations proficiency * Successfully reduced mortality rates by 30% through implementation of improved animal care practices, highlighting critical thinking skills and impactful outcomes * Collaborated with veterinary team, administering treatments as directed and providing assistance in managing breeding colonies, exemplifying collaborative work * Monitored room conditions and meticulously documented daily records in written and electronic formats, demonstrating proficient data management and recordkeeping skills, showcasing research operations expertise and organizational skills |  |

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