

Talent ID: 05850

Title: Research Assistant II - Research Embryologist

Location: Portland, USA

Summary

Motivated and detail-oriented research professional with expertise in reproductive technologies, specifically in assisted reproductive technologies (ART) and embryology. Experienced in project coordination, research mentorship, and laboratory management. Adept in scientific communication, data analysis, and experimental design. Strong commitment to scientific outreach and mentoring, particularly in educational programs for youth and community engagement.

Professional Experience

Research Assistant II - Research Embryologist, Project Coordination

Assisted Reproductive Technology (ART) Core, National Primate Research Center

- Led and assisted in various ART-related projects including sperm cryopreservation, embryo culture, and IVF techniques.
- Coordinated multi-disciplinary research on predictors of pregnancy outcomes in primates.
- Managed laboratory operations, inventory, and equipment maintenance while supporting scientific mentorship and outreach programs.

Undergraduate Research Assistant

Stress, Cognition, Affect, and Neuroimaging (SCAN) Lab

- Contributed to research examining COVID-19 related stress impacts on prenatal health.
- Performed statistical analysis, data entry, and data cleaning using EPIC and REDCap platforms.

NIH Funded BUILD EXITO Scholar

Portland State University

- Engaged in formal training in experimental design, grant writing, and literature review.
- Participated in cohort-based research and academic development programs aimed at fostering diversity in science.

Research Mentor

Assisted Reproductive Technology (ART) Core, National Primate Research Center

- Provided guidance and mentorship to junior researchers, specifically in areas related to ART and laboratory techniques.

Education

B.S. Biology & Psychology; Interdisciplinary Neuroscience Minor

University (Generalized Name), USA

Certifications

- Assisted Hatching
 - Blastocyst Vitrification & Warming
 - In Vitro Fertilization (IVF)
 - Intracytoplasmic Sperm Injection (ICSI)
 - Hormone Preparation
 - Media Preparation
 - Statistical Analysis and Research Planning
-

Skills

- Assisted Hatching, Embryo Culture & Manipulation
 - Cryopreservation Techniques for Gametes & Embryos
 - IVF, ICSI, and Semen Processing
 - Project Coordination and Laboratory Management
 - Data Collection, Entry & Statistical Analysis
 - Scientific Presentation & Outreach
 - Research Planning & Experimental Design
 - Mentorship and Training of Junior Staff
-

Languages

- English (Fluent)

Memberships

- Society for the Study of Reproduction

Areas of Interest

- Assisted Reproductive Technologies (ART)
 - Primate Models in Reproductive Health
 - Mentoring and Science Outreach
 - Neuroscience and Stress Research
-

Publications & Research

Poster Presentations

- Evaluating Anti-Müllerian Hormone Plasma Levels as a Predictor of Pregnancy Outcome in Rhesus Macaque, Annual Scientific Meeting, Society for the Study of Reproduction, 2024
 - Gene Editing and Embryo Quality in Rhesus Macaques, Society for the Study of Reproduction Annual Meeting, 2024
 - Cryopreservation of Rhesus Macaque Epididymal Spermatozoa: Adaptation of Semen-Straw Methods for Micro Volumes, Society for the Study of Reproduction Annual Meeting, 2023
 - COVID-19 Pandemic Related Stress and Prenatal Health: Study Proposal, 6th Annual BUILD EXITO Summer Research Symposium, 2021
-

Disclaimer

This CV has been anonymized by IVF Nomads and is intended solely for the purpose of reviewing candidate details. Any unauthorized use is strictly prohibited.