Melissa Bridi

SUMMARY

Skilled in Oncology, Clinical Research, EHR-to-EDC integrations, Python, JavaScript, and interoperability standards (FHIR, HL7). Proven track record in technical solution delivery, stakeholder management, and research coordination, backed by a product-led mindset.

EXPERIENCE

Flatiron Health, New York, NY— *Senior Technical Solutions Associate*
March 2025 - Present

- Implement Clinical Pipe on new Electronic Health Record (EHR) Systems.
- Support projects and customers by performing demos, technical consulting and facilitating change management.
- Collaborate with Product and engineering on the development of new product features.
- Provide tier 2 troubleshooting support for customers, UAT and E2E testing as needed.

Product Operations/Technical Solutions Associate
August 2022 - March 2025

- Implementation, mapping and technical enablement utilizing SMART on FHIR middleware from EHR-to-EDC on sponsor specific study configurations.
- Develop rollout plans for new features and align cross-functional stakeholders for success
- Bash scripting, and deploying product releases via cloud infra (AWS)
- Provide relevant technical SME input to product roadmaps.

Allegheny Health Network, Pittsburgh, PA— *Senior Clinical Research Coordinator*
August 2020 - September 2021

- Oversaw data integrity in EDC systems for oncology clinical trials, ensuring data accuracy benchmark compliance
- Coordinated all aspects of patient care, including scheduling, specimen preparation, and regulatory updates, resulting in low protocol deviations at the site.
- Maintained and updated onco-trial billing systems, adhering to strict regulatory standards, which improved reimbursement outcomes.

UPMC, Pittsburgh, PA— *QA/QC & Training Coordinator, Clinical Research Associate, Medical Technologist*
August 2016 - July 2020

- Designed and delivered onboarding programs for new hires, reducing time-to-proficiency by 30%
- Executed audit and monitoring functions for industry, cooperative, and investigator-led trials, ensuring consistent trial compliance
- Spearheaded data management initiatives and prepared cGMP investigational products within tight deadlines, accurately meeting clinical trial objectives

University of Pittsburgh, Pittsburgh, PA— *Research III & IV*
August 2013 - July 2016

- Conducted validation and optimization assays on cytokine cascades and processed autologous immunotherapy vaccines for clinical trials, expediting trial readiness.
- Applied flow cytometry to advance immunotherapy research, contributing to institutional publications and presentations

Knopp Biosciences, Pittsburgh, PA— *Research Scientist*
June 2011 - May 2013

- Identified and tested second-generation drugs in cell-based assays and validated mitochondrial respiration studies in embryonic rat neurons (primary culture) .
- Achieved efficient bacterial transformations and plasmid amplifications, bolstering lab throughput by approximately 25%

Hershey Medical Center/Penn State College of Medicine, Hershey, PA— *Research Technician II, I & Specimen Processing Technician*
June 2007 - January 2011

- Conducted pre-clinical studies on type I diabetes, employing electroretinography and molecular biology techniques to optimize endpoints for JDRF-funded projects
- Managed specimen processing pipelines that improved turnaround times, contributing to faster clinical decision making.

EDUCATION

Messiah University, Mechanicsburg, PA— *Bachelor of Science, Biology*

PennWest California, California, PA— *Bachelor of Science, Athletic Training*