# Netri Pajankar, MS

Cambridge, MA

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Clinical research professional with 3+ years of experience in regulatory compliance, IRB submissions, and multi-site trial management. Maintains 100% GCP, HIPAA, and GDPR compliance with proficient adherence to ALCOA+ data integrity standards, ICH principles, and 21 CFR requirements. Committed to scientific integrity and operational excellence in advancing clinical research outcomes.

## SKILLS

**Clinical Research:** Project Management, Research subject communication, EDC (Electronic Data Capture), IRB (Institutional Review Board), GCP (Good Clinical Practice), Regulatory Submissions, Timelines & Schedules, Study Start-up, Trial Master File (TMF) Management, Regulatory Submissions (IRB/REB), Site Management, Informed Consent Development

**Software Proficiency:** Insight, SmartSheet, Workday, Canva, Microsoft Office Suite, REDCap, MNE Python, MATLAB (Fieldtrip Toolbox), JASP, Neurobs Presentation, BrainVisionAnalyzer

## EDUCATION

**Master of Science - Neuroscience** McMaster University, Hamilton, Ontario, Canada **Sep 2020 - Aug 2022**

- Thesis: Developing an ERP Paradigm to Assess Conceptual Processing in DoC Patients: A Proof of Principle Study

**Bachelor of Science - Honors Life Sciences** McMaster University, Hamilton, Ontario, Canada **Sep 2016 - May 2020**

- Distinctions: Graduated Summa Cum Laude; President's Scholarship for Outstanding Academic Achievement; Dean's Honors List
- Thesis: Assessing the Efficacy of a Unimodal Auditory Paradigm in Eliciting the N400 Component

## WORK EXPERIENCE

**Lab Manager** | Martinos Center for Biomedical Imaging | Charlestown, MA, USA **July 2023 - Present**

- Direct operations for multiple neuroimaging (MRI, MEG, EEG) and neurostimulation (TMS) projects, coordinating 30+ research staff to ensure high-quality, fully compliant execution
- Facilitate rapid study startup and maintenance by overseeing all IRB regulatory submissions for 8 major clinical projects. Streamlined the authoring of protocols and amendments to ensure 100% compliance with institutional standards while accelerating approval cycles by an average of 25%
- Modernized study systems for 10+ staff through Smartsheet integration and 10+ new SOPs, eliminating data silos and securing audit-ready documentation
- Ensure 100% compliance across 10+ personnel by standardizing regulatory filing and audit cycles in accordance with HIPAA, GDPR, and GCP guidelines.
- Architected a unified Smartsheet framework for multiple concurrent protocols, automating workflows and resource scheduling to provide real-time, audit-ready study metrics
- Direct clinical supply chain operations for 5+ research teams, managing 10+ monthly procurement workstreams and mitigating global vendor delays to accelerate equipment and material delivery by 2+ weeks
- Manage 5+ REDCap (EDC) databases with rigorous QA/QC protocols, eliminating manual entry errors and doubling subject enrollment capacity through streamlined digital capture
- Created and manage a centralized biomedical equipment tracking system, utilizing automated alerts to ensure 100% inspection compliance and prevent research interruptions across multiple clinical protocols
- Standardized personnel credentialing and onboarding for a new internship program and staff expansion; ensured 100% compliance with GCP and IRB training requirements for 5+ new hires to maintain study-site audit readiness
- Directing the participant enrollment pipeline for 5+ research projects; overseeing study visit logistics and source documentation to ensure 100% compliance with human-subjects protocols
- Utilize MATLAB and MNE-Python to analyze complex neuroimaging datasets, maintaining strict technical standards to ensure data accuracy and robust clinical findings

- Conducting comprehensive QC reviews of scientific manuscripts and posters, ensuring accurate data reporting and high-fidelity representation of clinical research outcomes

**Research Coordinator** | Population Health Research Institute | Hamilton, ON, Canada **Aug 2022 - May 2023**

- Coordinated cross-functional communications between 20+ internal and external stakeholders, including site teams and research vendors, to ensure seamless trial execution and milestone achievement
- Oversaw IP logistics by auditing shipping manifests and collection protocols; ensuring strict adherence to chain-of-custody requirements and protocol-mandated handling procedures
- Resolved EDC queries and performed platform functionality testing in REDCap to maintain high-fidelity data integrity and audit readiness
- Directed internal QA audits of specimen tracking logs and Case Report Forms (CRFs) to ensure 100% accuracy, completeness, and ALCOA+ data integrity standards
- Managed the maintenance of the Trial Master File (TMF) and essential regulatory documents; ensuring 100% inspection readiness in accordance with GCP, 21 CFR Part 11, and HIPAA/GDPR

**Research Coordinator** | ARiEAL Research Center, McMaster University | Hamilton, ON, Canada **Feb 2020 - Aug 2022**

- Authored and implemented a comprehensive 20-page operational manual to standardize study protocol execution; established a uniform framework for data collection that ensured cross-functional consistency and reduced inter-rater variability
- Directed the training and credentialing of research staff on specialized data collection procedures and equipment maintenance; ensured 100% adherence to GCP, HIPAA, and GDPR guidelines to maintain site-wide regulatory compliance
- Ensured 100% inspection and site readiness for high-stakes, 12-hour data collection sessions; managed the technical setup and troubleshooting of complex hardware and stimulus software to prevent protocol deviations and data loss
- Managed clinical data collection for a diverse cohort of 20+ participants; coordinated complex study visit logistics and neurophysiological monitoring to ensure high-quality data acquisition and 100% protocol compliance

**Scientific Editor** | Toronto Bioscience Consulting Group | Toronto, ON, Canada **Feb 2022 - Sep 2022**

- Performed rigorous quality control (QC) reviews of clinical study reports and manuscripts to ensure 100% adherence to regulatory submission criteria and institutional standards
- Analyzed industry benchmarks and publication metrics to strategically position clinical project data and optimize the impact of research deliverables
- Oversaw the refinement and version control of technical research documents to ensure superior data accuracy and audit-ready quality standards

**Clinical Research Assistant** | Hamilton General Hospital | Hamilton, ON, Canada **May 2018 - May 2020**

- Conducted specialized EEG data collection from comatose patients, maintaining strict adherence to clinical protocols, HiREB (IRB), and GCP standards while ensuring data integrity
- Facilitated the informed consent process with patient families, providing clear communication on complex study procedures and ethical consenting practices for a vulnerable patient cohort
- Served as a compassionate point of contact for families, ensuring a comprehensive understanding of research objectives and data collection requirements
- Prioritized data integrity and patient safety during critical clinical data acquisition sessions within a high-acuity hospital environment

**CERTIFICATIONS**

- MGBE HRA Good Clinical Practice (GCP)
- MGB HRA Responsible Data Management
- AHA BLS Certified