

[PROFILE LOADED]

Max Hemmerich

Research operations professional with experience improving data quality, reporting, and workflow efficiency in regulated health research.

Total CAMH tenure About 3 years (Sep 2023 – Present)	Study Lead tenure About 2 years (Aug 2024 – Present)	Total research experience About 4 years (May 2022 – Present)
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Current work spans clinical study coordination, operational reporting, data-quality workflows, dashboarding, and practical automation in a regulated research environment.

Experience

Research Analyst & Study Lead

Centre for Addiction and Mental Health (CAMH) · Aug 2024 – Present · Toronto, ON

Current

- Built a Power Automate flow to scan a shared calendar and automatically surface research visits (3,000–4,000/year) with no staff assigned.
- Automated EEG lab scheduling with a recurring Power Automate flow, replacing manual weekly availability-block creation for 4 technicians.
- Built and independently shipped a multi-tab HTML recruitment dashboard for the VIBE study, enabling self-serve monitoring for leadership.
- Maintained data quality across 3 concurrent study arms using REDCap and Excel in a regulated research environment.
- Built Python- and Power Automate-supported ingestion and validation workflows for longitudinal datasets with 3,000–4,000 annual event records.
- Conduct structured diagnostic interviews (KSADS, SCID) and contribute to consensus diagnoses with psychiatry teams.
- Collect biosamples and perform retinal imaging to explore biomarkers related to brain health and mental illness.
- Lead MRI and cognitive assessment visits and support EEG acquisition and quality assurance.

Research Assistant

Centre for Addiction and Mental Health (CAMH) · Sep 2023 – Aug 2024 · Toronto, ON

- Facilitated MRI and cognitive visits while supporting protocol adherence and participant comfort.
- Conducted biosample collection and processed clinical data for psychiatric research studies.
- Built Python and Power Automate workflows to support scheduling and operational processes across a longitudinal cohort.
- Developed dashboards tracking recruitment, visit completion, and study milestones for team reporting.
- Managed REDCap databases across concurrent studies under GCP-aligned practices.

Clinical Research Coordinator

UBC Brain Lab · Oct 2022 – Sep 2023 · Vancouver, BC

- Coordinated CAPU RISE, a non-therapeutic clinical trial on cannabinoid effects on stress response, including scheduling, fMRI coordination, and biosample collection.
- Supported data integrity through reconciliation and adverse-event management.
- Assisted with the design and submission of a Health Canada clinical trial application.
- Led study start-up work including REB documentation and site-readiness tasks.

Projects

FIG. 1 **VIBE Dashboard** HTML/CSS recruitment-metrics dashboard for study leadership, enabling self-serve monitoring. No public link

FIG. 2 **TAY Coverage Gap Flow** Power Automate flow that scans a shared Outlook calendar and surfaces research visits with no staff assigned. [No public link](#)

FIG. 3 **EEG Scheduling Flow** Power Automate workflow that replaced manual weekly availability-block creation for 4 technicians. [No public link](#)

FIG. 4 **Retinal OCT Privacy Utility** Utility to identify and remove patient-identifying fields from retinal OCT exports before research use. [No public link](#)

FIG. 5 **Chalk** SMS habit tracker: text habits daily and track them on a live dashboard. Node.js + Express backend handling Twilio SMS webhooks and cron scheduling, with a React + Vite dashboard reading Supabase. [chalk-seven.vercel.app](#)

FIG. 6 **Mirror** An unlaunched interactive prototype. The build went from an approved product specification to a working interactive prototype verified by an automated harness — Next.js App Router, TypeScript and Tailwind, with Vercel as the deploy target. [No public link](#)

FIG. 7 **Distill** AI reading interface that turns articles or pasted text into hierarchical, sectioned summaries. Next.js App Router and TypeScript, using the OpenAI API in a three-pane reading layout that preserves footnotes and references. [distill-mu.vercel.app](#)

FIG. 8 **BeatTheClose** NBA player-props analytics tool using Python for Kelly sizing, expected-value calculations, and CLV tracking. [No public link](#)

Core Skills

Power Automate workflow automation

Advanced Excel (LET, XLOOKUP, FILTER)

Dashboard development (HTML/CSS, Power BI)

SPSS statistical analysis

SQL and PostgreSQL

Local LLM experimentation (Ollama, Modelfiles)

Research data quality and reporting

Python scripting and data-validation automation

Recruitment and cohort funnel reporting

SharePoint, Microsoft 365, Teams, Outlook

Google Apps Script

French (Functional)

Education

University of British Columbia

BSc, Behavioural Neuroscience · Distinction, GPA 3.9 / 87%, Dean's Honour List · May 2019 – Aug 2023

Simon Fraser University

Studies in Economics · GPA 3.9, Dean's Honour List, Alumni Scholarship · Jan 2018 – Apr 2019

Credentials

- PL-300 Microsoft Power BI Data Analyst (in progress)
- CITI Program Clinical Research Coordinator
- Health Canada Division 5 Drugs for Clinical Trials Involving Human Subjects

- MRI Safety Level 1 Personnel
- Transportation of Dangerous Goods (TDG)
- Suicide Prevention Training

Contact

Name: Max Hemmerich

Location: Toronto, ON

LinkedIn: [linkedin.com/in/max-hemmerich/](#)

Email: max.hemmerich@outlook.com

Open to: Toronto, ON / Open to Ottawa

Resume: [Download resume \(PDF\)](#).