

Bodhi McNally

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Doctor of Medicine (MD) student at the University of Sydney with a strong quantitative foundation in data science and genetics & genomics. My background spans healthcare analytics, primary care engagement and education, with experience supporting complex healthcare systems through data governance, analytical workflows and stakeholder collaboration. Prior to commencing medicine, I worked in roles focused on applied analytics and system enablement, contributing to decision support, field force effectiveness and the operational structures that underpin care delivery at scale. Alongside medical school, I work as a Casual Academic in the School of Mathematics and Statistics at the University of Sydney, where I teach and assess undergraduate students in statistics and data science. This role has strengthened my focus on analytical rigour, reproducibility and clear communication, and has reinforced my interest in mentorship and knowledge translation. I am particularly interested in clinical research methods, health systems improvement and the application of quantitative thinking to patient care. I am motivated by work that demands discipline, accountability and continuous learning, and I aim to develop as a clinician who contributes thoughtfully to both individual patient outcomes and the systems that support high-quality care.

EDUCATION

University of Sydney
Doctor of Medicine (MD)

Camperdown, NSW
Jan 2026 – Expected Dec 2029

University of Sydney
Bachelor of Science in Data Science and Genetics & Genomics (Dalyell Scholar)
• 6.85/7.0 GPA, 88.2 WAM
• Dean's Entry Scholarship, Science Top of the State Scholarship, Sydney Scholar

Camperdown, NSW
Feb 2022 – Nov 2024

EXPERIENCE

Casual Academic
School of Mathematics and Statistics

Jan 2024 – Present
University of Sydney

- Lead engaging tutorials and workshops for undergraduate students in statistics and data science units, supporting foundational learning in data wrangling, probability theory, visualisation and hypothesis testing.
- Develop and facilitate hands-on activities using real-world datasets to enhance conceptual understanding and practical application of statistical and programming principles.
- Assess major student projects with a focus on code readability, reproducibility, and analytical rigour, delivering clear and constructive feedback to support student learning and growth.
- Mentor junior demonstrators in teaching strategies, marking practices and classroom management – several of whom have successfully progressed to tutor roles.
- Collaborate closely with the unit coordinator, lecturers and fellow tutors to maintain alignment across marking rubrics, lesson pacing and student support strategies.

Sales Force Effectiveness Analyst
AstraZeneca

Apr 2025 – Jan 2026
Macquarie Park, NSW

- Delivered end-to-end Sales Force Effectiveness support across Australia and New Zealand, partnering with Sales, Marketing and Commercial Excellence to improve targeting, execution and decision-making across multiple therapy areas.
- Led the governance and optimisation of downstream commercial systems including territory structures, sales market hierarchies and position management, ensuring alignment with business rules and accurate field execution.
- Acted as a central analytics partner to senior stakeholders, providing timely insights across sales performance, HCP engagement and executional effectiveness using hypothesis-driven analysis.
- Designed, maintained and automated reporting and analytics solutions using Power BI, SQL and Power Query to support BAU reporting and strategic initiatives.
- Built and maintained scalable data pipelines using Amazon Redshift for high-volume querying, Python for automated ETL workflows and R for statistical analysis and modelling.
- Validated and integrated multiple enterprise data sources (including IQVIA, Nostra, Ex-Factory and PBS-derived datasets) to ensure data integrity, consistency and trust across commercial reporting platforms.
- Supported commercial programs including customer segmentation, sales targeting, incentive structures and kicker programs, ensuring analytical rigour and alignment with regional performance objectives.
- Delivered training and ongoing support to uplift analytical capability and system literacy across field teams and head office stakeholders.

Key Account Manager on behalf of AbbVie
DKSH Healthcare Australia

Jan 2025 – Apr 2025
Sydney, NSW

- Promoted AbbVie's curative hepatitis C treatment across Australia, driving patient recall and prescribing confidence among primary care HCPs.
- Increased HCP connect rate by 163% , driving prescribing opportunities.
- Led recall audit initiatives, training in-field sales team members in MedicalDirector and Best Practice software to identify at-risk patients.

- Strategically prioritised DNSR clinics, targeted 'unicorn' clinics and refined affinity and potential profiling to maximise field efficiency and coverage.
- Generated and qualified over 50 high-value leads, streamlining handover to the in-field team and significantly boosting national prescribing opportunities.
- Built strong rapport with prescribers, enhancing trust, education, and patient screening for hepatitis C.
- Received the 2025 DKSH Inspire Award in recognition of exceptional sales performance, innovation and collaborative excellence.

Program Coordinator on behalf of Novo Nordisk

Jul 2024 – Dec 2024

- Supported over 500 patient interactions via email, inbound calls using 3CX, and Chatlio live chat for Novo Nordisk's WegovyCare program, ensuring exceptional service and timely resolution of inquiries.
- Utilised a CRM system to manage patient records, communications, and workflow, ensuring continuity and quality of care.
- Conducted 100% accurate pharmacovigilance reporting to the Therapeutic Goods Administration.
- Communicated directly with healthcare professionals, including pharmacists, general practitioners and specialists, building rapport to support patient care and ensure treatment adherence.
- Ensured strict adherence to patient confidentiality and handling of sensitive medical information in compliance with the *Privacy Act* and *Australian Privacy Principles*.
- Collaborated with cross-functional teams to implement process improvements and contributed to the updated Standard Operating Procedure, streamlining program operations and ensuring consistency in patient support delivery.

President

Oct 2023 – Oct 2024

Science Society

University of Sydney

- Led the largest student society in Australia, representing over 3100 students and overseeing an executive team of 15.
- Spearheaded a \$176,000 operational budget, securing increased base funding from the Faculty of Science and raising \$20,000 for equity initiatives, enabling 100+ students to attend high-cost events free of charge.
- Established SciSoc's first-ever Bylaws, introducing policies on equity, environmental sustainability, privacy and treasury governance, ratified by general vote.
- Introduced the Asset Purchase Program (APP) to manage long-term infrastructure and improve operational sustainability, now a permanent fixture in funding strategy.
- Revitalised SciSoc's publication portfolio, launching a First Year Guide for Orientation – the first publication in over 20 years – with 2300+ unique readers.
- Directed a comprehensive rebrand of marketing strategy, growing SciSoc's social media following by 3,000+ and reactivating LinkedIn for monthly professional development posts.
- Negotiated and delivered new partnerships with RedBull, GradReady and Paratus Clinical, securing both monetary and in-kind sponsorships.
- Mentored subcommittee members, several of whom successfully progressed into executive roles, strengthening the society's internal talent pipeline.

RESEARCH INTERESTS

Clinical and translational research with a focus on **cardiovascular, respiratory and metabolic disease, outcomes research and health services analysis**, and the application of **biostatistics and data science to clinical decision-making**.

I am particularly interested in research examining **variation in care, procedural and perioperative outcomes, and system performance**, including **audit- and registry-based studies, observational analyses and pragmatic trial design**. Over the longer term, I aim to develop research skills relevant to **Surgical Education and Training (SET) pathways**, including **clinical audit and quality improvement, perioperative outcomes analysis, and multidisciplinary collaboration in high-acuity clinical environments**.

TECHNICAL SKILLS

Languages: R, Python, SQL

Databases & Querying: Amazon Redshift, PostgreSQL, SQLite, DBever, Power Query

Data Analysis & Libraries: pandas, NumPy, tidyverse, dplyr, fable, ggplot2, Scikit-learn, XGBoost, TensorFlow, Matplotlib, Seaborn

Data Engineering & Automation: Power BI, DAX Measures, Power Automate (Flows), PowerApps, Excel Macros

Statistical & Machine Learning Techniques: Hypothesis testing, regression (linear, logistic, mixed effects), time series forecasting, clustering, classification, dimensionality reduction, segmentation modelling

Bioinformatics & Genomics: BLAST, UniProt, STRINGdb, PLINK, IGV, VCF/GTF formats

Geospatial Analysis: QGIS, ArcGIS Pro, leaflet (R), sf (R), geopandas (Python), raster (R)

CERTIFICATIONS

Medicines Australia CEP, Advanced First Aid and CPR, Mental Health First Aid, Valid Working With Children Check

AWARDS AND SCORES

99.75 ATAR, First in NSW HSC Investigating Science, Public Education Foundation Award 2022, DKSH Inspire Award 2025

References available upon request.