

Corey Scholes

Chief Science Officer, EBM Analytics

- ▶ Sydney, Australia
- ▶ Australian Citizen

Contact

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Skills

Research and Scientific Writing 15+ yrs.

Leadership 10+ yrs.

Budgeting and Financial management 9 yrs.

Corporate Governance 6 yr.

Statistical Analysis and Design 15+ yr.

Grant Writing 4 years

Software and Application Development 2 yrs.

Tools

- ▶ Ethics Management Systems
- ▶ Project Management Systems (ClickUp)
- ▶ Accounting Software (Xero, MYOB)
- ▶ Google Workspace
- ▶ Google Cloud; SQL; API
- ▶ R; Quarto; Tidyverse
- ▶ Stata; Matlab
- ▶ Microsoft Office

Summary

Scientist and Analysis Executive with 15 years of experience bridging the gap between clinical research and evidence-generation within routine practice across diverse settings. A collaborative leader with the ability to communicate technically across multidisciplinary teams and influence behaviour change to embed data-driven practices into long-term strategies. An experienced consultant assisting executive teams to bring about change within their own organisations through strategic planning and implementation of complex systems.

Experience

Chief Science Officer
EBM Analytics

2020 - Present

EBM Analytics is a medical research and data consultancy supporting research, quality improvement and auditing efforts in musculoskeletal medicine and orthopaedics. I was the architect of 8+ specialist clinical quality registries for sports medicine, adult joint reconstruction and ortho-oncology, managing multi-year engagements (5 years) valued at 60 - 250k each. I led teams to implement data infrastructure to conduct electronic screening, clinical data retrieval and longitudinal patient-reported outcome collection within clinical practices. I was responsible for ensuring systems complied with recognised principles for clinical quality registries, as well as human research ethics requirements

Co-Founder and Director
EBM Analytics

2016 - Present

I built a profitable healthcare analytics firm with two co-founders from the ground up, scaling to 750k annual revenue with 10 FTE staff. I established a national and international client base across public and private health sectors, government and industry.

Principal Consultant
EBM Analytics

2016 - Present

I was the point person for business development with targeted account acquisition and relationship management within complex customer ecosystems and long purchasing cycles. I secured numerous consulting engagements resulting in peer-reviewed publications and internal organisation reports for customers. Through this work I supervised multidisciplinary teams of engineers, data analysts, clinicians, and research coordinators across concurrent projects

Director of Research
Sydney Orthopaedic Research Institute

2009- 2016

I planned, led and managed the research and operational activities of a non-profit institute attached to the practices of a group of orthopaedic surgeons. I provided operational and day-to-day management for the Institute, developed research strategy and provided the subject matter expertise for clinical research, leading to scientific presentations and publications. I also acted as at the primary point of contact for staffing, contracting and supplier engagements. I also implemented financial plans and operational budgets from a total annual budget of \$750 000.

Teaching Assistant
Queensland University of Technology

2006-2008

Planned, prepared and delivered lectures and tutorials on fundamental and advanced biomechanics and functional anatomy. I conducted curriculum planning and preparation for fundamental and advanced classes.

- ▶ Survey Design (QuestionPro, SurveyMonkey)
- ▶ Version Control (Github)

Education

2010

Ph.D. Exercise Science

Queensland University of Technology

Thesis: The effects of muscle fatigue on knee function during landing

2004

Bachelor Applied Science (Hons)

Queensland University of Technology

General Service Officer

Australian Army Reserve

2008 - 2015

In this role I was responsible for the training, administration and leadership of up to 50 personnel routinely and assisted with operations supporting training activities for 600+ personnel for scheduled exercises.

CREDENTIALS

- Statistical methods for risk prediction and prognostic models - University of Keele UK (2021)
- NSW Going Global program for health technology companies to enter international markets (2022)
- ANDHealth Accelerate program for startups in health technology (2023)
- Good Clinical Practice (2024) Working With Children Check (2024)

Memberships

- Statistical Society of Australia
- International Society for Arthroscopy and Knee Orthopaedic Surgery
- Australian Institute of Company Directors
- Australia and New Zealand Orthopaedic Research Society (Past)

Scientific Output

80+ peer-reviewed publications spanning meta-science, surgical and allied health outcomes in musculoskeletal medicine, clinical quality registries, predictive modeling, clinical trials, population health, and health services research. A summary of my research output is available at orcid.org. My summary profile from **Publons** also illustrates my contributions to peer-review with respected journals a number of fields. Selected citations to illustrate my experience in key science domains are summarised below, including preprint articles that have yet to be submitted for peer review.

Meta-Science

Systematic Review; Meta-Analysis; Meta-Regression

Corey Scholes et al. 2015; Harrison-Brown et al. 2019; Scholes et al. 2023

Open Science

Trial Registration; Protocol Development

Ektas et al 2019; Fatima et al 2020

Computer-Assisted Surgery

Shoulder; Hip; Knee

Oussedik et al. 2012; Nashikkar, Scholes, and Haber 2019; Lustig et al. 2013; Scholes, Schwagli, and Ireland 2023

Clinical Quality Registry

Implementation and validation in practice

Jenio et al 2019; Lee et al 2020; Scholes et al 2023

Health Services

Practice quality audit and improvement

Tucker et al 2020; Barton et al 2024

Volunteering

Puppy raiser 2025-2026 for **Guide Dogs Australia**.