

MICHAEL NOETEL, PHD

Senior Lecturer and High Performance Psychologist

With my work, I want to do the most good that I can. Through my career, I want to help others do the same. For those who want to improve the world, I provide the knowledge and skills so they can do it best. I use methods like systematic reviews and meta-analyses to try and figure out the best approach to problems. Then I use online educational interventions to deploy those approaches cost-effectively, at scale. I use theory and evidence to make those interventions compelling, time-efficient, and effective.

Summary of Teaching

I use evidence-informed decision-making both in the content of what I teach and in the process of how I teach. I teach students how to think critically using evidence, and I build professional skills supported by systematic reviews. I use the same philosophy in my own teaching, using pedagogical approaches supported by top level evidence. I lead others to follow this approach, both through collaborations and coaching programs I established.

Leadership

- Led or mentored lead for 6 university teaching development grants (totalling \$134,750)
- Co-founded [INSPIRE](#), a world-first evidence-centre for learning and teaching in universities. We create, curate, and disseminate evidence for what works in higher ed.
- National Lecturer-in-Charge for four different courses, leading the curriculum, resource development, and accreditation in each for up to four years.

Accolades

- Received 9 awards for teaching including an [AAUT](#), a [SFHEA](#), and a [VC's Award](#)
- Average student evaluations of learning and teaching of 4.8 / 5 after 2,390 students

Summary of Research

I have research experience on large projects with many stakeholders, complex issues, and international research teams. To meet those challenges, I use best-in-class research management processes to do rigorous, impactful, and reproducible work (e.g., Asana, [Agile](#) research, Scrum). I use my subject matter expertise in leadership and high performance psychology to help my teams to do high-performance research.

Grants

- Chief investigator on \$3,694,120 of competitive Category 1 grants
- Average yearly grant income over 3x higher than the sector weighted benchmark
- Grant collaborators at University of Oxford, University of British Columbia, University of Helsinki, University of Birmingham, Northeastern University, & University of Otago

Publications

- Scopus m-index of 4.1 where > 2 'characterizes outstanding scientists, likely to be found only at the top universities or major research laboratories'
- [Category normalised citation index](#) of 3.7; 53% of papers in the top 10% for citations
- Published in the SJR #1 journals for [psychology](#), [applied psychology](#), [aging](#), [paediatrics](#), [education \(three times\)](#), and [sport science \(twice\)](#)

Impact & Engagement

- Developed the content [for award winning, scalable physical activity program](#) (published in [JAMA Pediatrics](#)), delivered to 190 schools, helping over 50,000 students
- Developed the content for a [coach leadership and athlete resilience project](#), scaled worldwide to 500 clubs and 20,000 boys
- All 4 current Cat. 1 grants have industry partners, such as the NSW Departments of Education and Health



CONTACT INFO

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🌐 [Website](#)

☎ +61 414 822 353

▶ [Online Educational Videos](#)

SKILLS

Teaching skills: interactive learning, curriculum design, online pedagogy

Research skills: evidence synthesis (systematic reviews, meta-analysis), knowledge translation, statistics with R

Leadership skills: project management, agile, scrum, transformational and servant leadership

ACADEMIC METRICS

h-index: 16

Publications: 31

Citations: 693

Last updated: 17 Apr 2023
via Scopus



EDUCATION

- 2019 • **Doctor of Philosophy (Psychology)**
Institute for Positive Psychology and Education
Australian Catholic University 📍 North Sydney, NSW
- 2010 • **Masters of Applied Psychology (Sport and Exercise)**
The University of Queensland 📍 St Lucia, QLD
- 2008 • **Bachelor of Science (Advanced, Honours)**
Double Major: Psychology; Computational Science
University of Sydney 📍 Camperdown, NSW



ACADEMIC EXPERIENCE

- Present | 2022 • **Senior Lecturer - Teaching and Research**
School of Psychology
The University of Queensland 📍 St Lucia, QLD
- 2022 | 2021 • **Senior Lecturer - Research Focused**
School of Health and Behavioural Sciences
Australian Catholic University 📍 Banyo, QLD
- 2020 • **Senior Lecturer - Teaching and Research**
School of Health and Behavioural Sciences
Australian Catholic University 📍 Banyo, QLD
- 2021, 2019 • **Lecturer and Course Coordinator (Casual)**
Masters of Psychology (Sport and Exercise)
University of Queensland 📍 St Lucia, QLD
- 2019 | 2015 • **Lecturer - Teaching Focused**
School of Health and Behavioural Sciences
Australian Catholic University 📍 Strathfield, NSW
- 2019 | 2018 • **Research Fellow (Secondment; .4 FTE)**
Institute for Positive Psychology and Education
Australian Catholic University 📍 North Sydney, NSW
- 2014 | 2013 • **Sessional Academic**
School of Exercise Science
Australian Catholic University 📍 Strathfield, NSW
- 2012 | 2009 • **Tutor and Guest Lecturer**
Schools of Psychology, Business, and Human Movement
University of Queensland 📍 St Lucia, QLD



ACCREDITATIONS

- Present | 2020 • **Senior Fellow, Higher Education Academic (SFHEA)**
AdvanceHE

- Present | 2012 ● **Registered Psychologist**
Australian Health Practitioner Regulation Agency
- Present | 2014 ● **Endorsed Sport and Exercise Psychologist**
Australian Health Practitioner Regulation Agency
- Present | 2015 ● **Board Approved Supervisor**
Australian Health Practitioner Regulation Agency
- 2021 | 2012 ● **Member**
Australian Psychological Society
- 2021 | 2014 ● **Fellow**
College of Sport and Exercise Psychologists
Australian Psychological Society



AWARDS

- 2021 ● **Vice-Chancellor's Award for Excellence in Teaching**
Australian Catholic University
- 2021 ● **Vice-Chancellor's Staff Excellence Award: Excellence in Research & Research Partnership**
Australian Catholic University
iPLAY Team
- 2021 ● **Faculty of Health Sciences Employee Values Award**
Australian Catholic University
- 2021 ● **Excellence and Innovation in Public Health Education and Research (Team Award)**
Council of Academic Public Health Institutions Australasia
iPLAY Team
- 2021 ● **Citation for Outstanding Contribution to Learning and Teaching (Team Award)**
Australian Catholic University
Sport and Exercise Psychology Team
- 2021 ● **Asics Best Overall Paper and Best Paper Award in Physical Activity and Health Promotion**
Sports Medicine Australia e-Conference
Burn 2 Learn Team
- 2020 ● **Citation for Outstanding Contributions to Student Learning**
Australian Awards for University Teaching
- 2020 ● **Best presentation in Educational Technology theme**
2020 Scholarship of Tertiary Teaching Conference, CQUniversity
- 2019 ● **Citations for Outstanding Contributions to Student Learning**
Australian Catholic University
- 2017 ● **Citation for Outstanding Contribution to Learning and Teaching (Team Award)**
Australian Catholic University, Faculty of Health Sciences
- 2015 ● **Citations (Early Career) for Outstanding Contributions to Student Learning**
Australian Catholic University

- 2015 ● **Citations (Early Career) for Outstanding Contributions to Student Learning**
Australian Catholic University, Faculty of Health Sciences
- 2011 ● **Official Commendation for Teaching Excellence**
Faculty of Social and Behavioural Science, University of Queensland
- 2010 ● **Tutor Excellence Award**
School of Psychology, University of Queensland

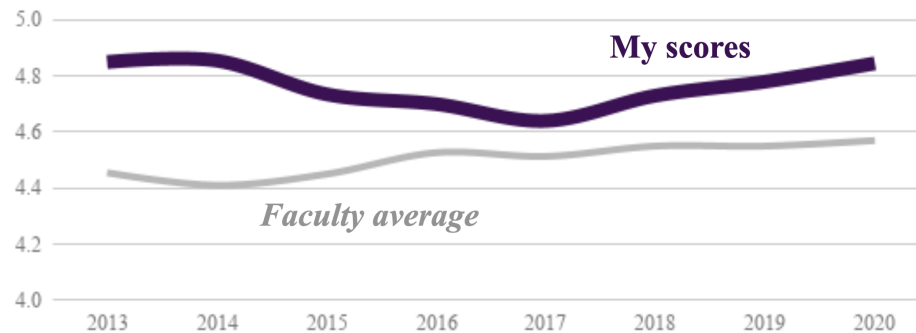


TEACHING RESPONSIBILITIES AND EVALUATIONS

- 2023,
2021 ● **Psychological Skills Training Techniques in Sport (PSYC7725)**
Course Coordinator
Postgraduate, [parallel](#), 10 students
- 2021,
2019 ● **Introduction to Applied Practice in Sport & Exercise Psychology (PSYC7775)**
Course Coordinator
Postgraduate, [parallel](#), 8 students
- 2020 ● **Leadership and Culture in High Performance Settings**
National Lecturer in Charge
Postgraduate, online, ~90 students
- 2020
|
2014 ● **Exercise and Lifestyle Counselling**
National Lecturer in Charge
Postgraduate, blended learning, ~30 students / year
- 2019 ● **Research Design and Statistics**
Lecturer in Charge
Third-year, face-to-face, ~30 students / year
- 2018 ● **Advanced Topics in Applied Psychology**
Lecturer in Charge
Honors, face-to-face, ~20 students / year
- 2017
|
2013 ● **Health and Exercise Psychology**
National Lecturer in Charge
Second-year, blended learning, ~150 students / year
- 2017
|
2013 ● **Psychology of Sport and Physical Activity**
National Lecturer in Charge / Lecturer
First-year, face-to-face, ~350 students / year

2020
|
2013

Student Evaluations of Course and Teacher *"Demonstrates quality teaching"*



Average rating from
2,478 enrolments
across all subjects:
4.8 out of 5



TEACHING DEVELOPMENT GRANTS

- 2021 • **INSPIRE: Initiative to support the integration of research in education**
Funded Project from the Australian Catholic University Provost's Office
Noetel, M., Mahoney, J., Challinor, K., & Barnett, D.
— \$49,750
- 2019 • **Enhancing student placement experience through the supervisor relationship**
Australian Catholic University Teaching Development Grant
Spathis, J. Mahoney, J., & **Noetel, M.**
— \$20,000
- 2018 • **Improving student engagement through tutor training and support**
Australian Catholic University Teaching Development Grant
Sweeney, M., **Noetel, M.**, & Mahoney, J.
— \$20,000
- 2018 • **Growth mindset versus direct instruction for persistence and achievement in an undergraduate STEM course**
Faculty of Health Sciences Teaching Development Grant
Moresi, M., **Noetel, M.**, & Taylor, P.
— \$5,000
- 2017 • **Closing the gap: The effects of good feedback practices on student learning, motivation, and achievement in first year exercise science.**
Australian Catholic University Teaching Development Grant
Mahoney, J., **Noetel, M.**, Wilcox, A., & Sweeney, M.
— \$20,000
- 2015 • **Flipped, online or face-to-face: A mixed methods, cluster-randomised trial of lecture format**
Australian Catholic University Teaching Development Grant
Noetel, M., Pink, M., Stynes, J., Aumand, E., & Pepping, G.-J.
— \$20,000



PUBLICATIONS

- 2023 ● Fasugba O., et al. (2023). [Evaluating remote facilitation intensity for multi-national translation of nurse-initiated stroke protocols \(QASC Australasia\): a protocol for a cluster randomised controlled trial](#). *Implementation Science*, 18(1)
- 2022 ● Gallardo-Gómez D., et al. (2022). [Optimal dose and type of exercise to improve cognitive function in older adults: A systematic review and bayesian model-based network meta-analysis of RCTs](#). *Ageing Research Reviews*, 76
— 19 citations
- 2022 ● Noetel M., et al. (2022). [Multimedia Design for Learning: An Overview of Reviews With Meta-Meta-Analysis](#). *Review of Educational Research*, 92(3)
— 7 citations
- 2022 ● Lubans D.R., et al. (2022). [Scale-up of the Internet-based Professional Learning to help teachers promote Activity in Youth \(iPLAY\) intervention: a hybrid type 3 implementation-effectiveness trial](#). *International Journal of Behavioral Nutrition and Physical Activity*, 19(1)
- 2022 ● Kable T.J., et al. (2022). [Time-efficient physical activity intervention for older adolescents with disability: rationale and study protocol for the Burn 2 Learn adapted \(B2La\) cluster randomised controlled trial](#). *BMJ Open*, 12(8)
- 2022 ● Parker P., et al. (2022). [School Socioeconomic Status Context and Social Adjustment in Children](#). *Developmental Psychology*,
- 2021 ● Noetel M., et al. (2021). [Video Improves Learning in Higher Education: A Systematic Review](#). *Review of Educational Research*, 91(2)
— 52 citations
- 2021 ● Vella S.A., et al. (2021). [An Intervention for Mental Health Literacy and Resilience in Organized Sports](#). *Medicine and Science in Sports and Exercise*, 53(1)
— 30 citations
- 2021 ● Lubans D.R., et al. (2021). [Time-efficient intervention to improve older adolescents' cardiorespiratory fitness: Findings from the a € Burn 2 Learn' cluster randomised controlled trial](#). *British Journal of Sports Medicine*, 55(13)
— 24 citations
- 2021 ● Bradshaw E.L., et al. (2021). [Information Safety Assurances Increase Intentions to Use COVID-19 Contact Tracing Applications, Regardless of Autonomy-Supportive or Controlling Message Framing](#). *Frontiers in Psychology*, 11
— 22 citations
- 2021 ● Hartwig T.B., et al. (2021). [School-based interventions modestly increase physical activity and cardiorespiratory fitness but are least effective for youth who need them most: An individual participant pooled analysis of 20 controlled trials](#). *British Journal of Sports Medicine*, 55(13)
— 18 citations
- 2021 ● Lonsdale C., et al. (2021). [Effect of a Scalable School-Based Intervention on Cardiorespiratory Fitness in Children: A Cluster Randomized Clinical Trial](#). *JAMA Pediatrics*, 175(7)
— 12 citations
- 2021 ● del Pozo Cruz B., et al. (2021). [The effects of the Australian bushfires on physical activity in children](#). *Environment International*, 146
— 8 citations

- 2021 ● Kennedy S.G., et al. (2021). [Evaluating the reach, effectiveness, adoption, implementation and maintenance of the Resistance Training for Teens program](#). *International Journal of Behavioral Nutrition and Physical Activity*, 18(1)
— 7 citations
- 2021 ● Lee J., et al. (2021). [Influences on User Engagement in Online Professional Learning: A Narrative Synthesis and Meta-Analysis](#). *Review of Educational Research*, 91(4)
— 6 citations
- 2021 ● Donald J.N., et al. (2021). [Paths to the Light and Dark Sides of Human Nature: A Meta-Analytic Review of the Prosocial Benefits of Autonomy and the Antisocial Costs of Control](#). *Psychological Bulletin*, 147(9)
— 5 citations
- 2021 ● Ahmadi A., et al. (2021). [A Systematic Review of Machine Learning for Assessment and Feedback of Treatment Fidelity](#). *Psychosocial Intervention*, 30(3)
— 1 citation
- 2020 ● Parker P.D., et al. (2020). [The Intersection of Gender, Social Class, and Cultural Context: a Meta-Analysis](#). *Educational Psychology Review*, 32(1)
— 17 citations
- 2020 ● Eather N., et al. (2020). [Development and evaluation of the high-intensity interval training self-efficacy questionnaire](#). *Journal of Sport and Exercise Psychology*, 42(2)
— 7 citations
- 2020 ● Mavilidi M.F., et al. (2020). [Impact of the “Thinking while Moving in English” intervention on primary school children’s academic outcomes and physical activity: A cluster randomised controlled trial](#). *International Journal of Educational Research*, 102
— 5 citations
- 2019 ● Noetel M., et al. (2019). [Mindfulness and acceptance approaches to sporting performance enhancement: a systematic review](#). *International Review of Sport and Exercise Psychology*, 12(1)
— 90 citations
- 2019 ● Valkenborghs S.R., et al. (2019). [The impact of physical activity on brain structure and function in youth: A systematic review](#). *Pediatrics*, 144(4)
— 73 citations
- 2019 ● Beetham K.S., et al. (2019). [The effects of vigorous intensity exercise in the third trimester of pregnancy: A systematic review and meta-analysis](#). *BMC Pregnancy and Childbirth*, 19(1)
— 60 citations
- 2019 ● Sanders T., et al. (2019). [Type of screen time moderates effects on outcomes in 4013 children: Evidence from the Longitudinal Study of Australian Children](#). *International Journal of Behavioral Nutrition and Physical Activity*, 16(1)
— 59 citations
- 2019 ● Leahy A.A., et al. (2019). [Feasibility and preliminary efficacy of a teacher-facilitated high-intensity interval training intervention for older adolescents](#). *Pediatric Exercise Science*, 31(1)
— 36 citations
- 2019 ● Del Pozo-Cruz B., et al. (2019). [Joint physical-activity/screen-time trajectories during early childhood: Socio-demographic predictors and consequences on health-related quality-of-life and socio-emotional outcomes](#). *International Journal of Behavioral Nutrition and Physical Activity*, 16(1)
— 25 citations
- 2019 ● Leahy A.A., et al. (2019). [School-based physical activity intervention for older adolescents: Rationale and study protocol for the Burn 2 Learn cluster randomised controlled trial](#). *BMJ Open*, 9(5)
— 19 citations

- 2019 ● Mavilidi M.F., et al. (2019). [Integrating physical activity into the primary school curriculum: Rationale and study protocol for the “Thinking while Moving in English” cluster randomized controlled trial](#). *BMC Public Health*, 19(1)
— 15 citations
- 2019 ● Noetel M., et al. (2019). [Using genetic algorithms to abbreviate the Mindfulness Inventory for Sport: A substantive-methodological synthesis](#). *Psychology of Sport and Exercise*, 45
— 8 citations
- 2018 ● Vella S.A., et al. (2018). [Ahead of the game protocol: A multi-component, community sport-based program targeting prevention, promotion and early intervention for mental health among adolescent males](#). *BMC Public Health*, 18(1)
— 36 citations
- 2016 ● Lonsdale C., et al. (2016). [Scaling-up an efficacious school-based physical activity intervention: Study protocol for the ‘Internet-based Professional Learning to help teachers support Activity in Youth’ \(iPLAY\) cluster randomized controlled trial and scale-up implementation evaluation](#). *BMC Public Health*, 16(1)
— 32 citations



MEDIA COVERAGE

- 2021 ● Effective altruism
[ABC Religion & Ethics](#), [ABC Radio National](#), 2GB, ABC Radio Canberra, ABC Radio Hobart
- 2020 ● Videos in higher education
[Forbes](#), [The Conversation](#), and others, see [Altmetric](#)
- 2020 ● Behavioural response to COVID-19
[The Conversation](#), [ABC News](#), [Canberra Times](#)
- 2019 ● Vigorous exercise during pregnancy
[The Washington Post](#), [The Conversation](#), and others, see [Altmetric](#)



RESEARCH SUPERVISION

- 2023
|
2019 ● **Asghar Ahmadi**
Doctor of Philosophy Candidate, Australian Catholic University
Primary Supervisor
- Present
|
2020 ● **Roberta Vasconcellos**
Doctor of Philosophy Candidate, Australian Catholic University
Primary Supervisor
- Present
|
2022 ● **Shantell Griffith**
Doctor of Philosophy Candidate, The University of Queensland
Primary Supervisor
- Present
|
2022 ● **Ghassani Swaryandini**
Doctor of Philosophy Candidate, The University of Queensland
Primary Supervisor
- Present
|
2022 ● **Anum Urooj**
Doctor of Philosophy Candidate, Australian Catholic University
Associate Supervisor

Present 2021	● Ella Tremaine Doctor of Philosophy Candidate, Australian Catholic University Associate Supervisor
2020	● Iris Kucuk Master of Psychology (Clinical) Research Thesis, Australian Catholic University Primary supervisor
2020	● Laura Beddoe Master of Psychology (Clinical) Research Thesis, Australian Catholic University Primary supervisor
2021	● Lauren Bischoff Master of Psychology (Sport and Exercise) Research Thesis, University of Queensland Primary supervisor
2020	● Simon Pearson Master of Psychology (Sport and Exercise) Research Thesis, University of Queensland Co-supervisor



RESEARCH GRANTS

2025 2022	● Promotion of evidence-based physical activity for older adults and people with disabilities by health professionals National Health and Medical Research Council (PRC1: 2011157) Sherrington, C., Hassett, L., Tiedemann, A., Harvey, L., Pinheiro, M., Howard, K., Phongsavan, P., Haynes, A., Noetel, M. , Reece, L. — \$1,440,375
2023 2021	● Effectiveness and cost effectiveness of a time-efficient school-based physical activity intervention for adolescents living with disability Medical Research Future Fund (MRFF: 2007095) Lubans, D., Shields, N., Hillman, C., Lonsdale, C., Eather, N., Smith, J., Noetel, M. , Reeves, P., Leahy, A. — \$736,399
2022 2021	● Meta-review of what works in institutional decision-making: Campbell Collaboration Evidence and Gap Map Effective Altruism Infrastructure Fund Noetel, M. , Saeri, A., Slattery, P., Grundy, E. — \$39,654
2023 2020	● Square eyes or all lies? Understanding children's exposure to screens Australian Research Council Discovery Project (Ref: DP200101912) Lonsdale, C., Biddle, S., Parker, P., Doherty, A., Signal, L., Baranowski, T., Salmela-Aro, K., Stevens, R., Rissel, C., Sanders, T., del Pozo Cruz, B., Noetel, M. — \$658,544

- 2020
|
2019

● **PLAY for Inclusion — Teachers working with children with intellectual disability**
Move It AUS - Participation Grants Program (Ref: PAR006502018)
Noetel, M., Lonsdale, C., Temple, V., Tracey, V., Bennie, A., & Lubans, D.
 — \$268,802
- 2020
|
2016

● **Engaging students during the early years of secondary school (iTEACH Project)**
Australian Research Council Discovery Project (Ref: DP160102625)
 Lonsdale, C., Diezmann, C., Ntoumanis, N., Yeung, A., Ryan, R., Beauchamp, M., Maeder, A. & **Noetel, M.**
 — \$590,000
- 2019

● **iPLAY Sporting Schools**
Australian Sports Commission.
 Lonsdale, C., **Noetel, M.**, Sanders, T., Parker, P., Lubans, D., Morrison, R. Boyer, J., & King, L.
 — \$109,091
- 2020
|
2019

● **Ahead Of The Game: Motivating Queensland swimmers for better health and performance**
Sport Performance Innovation and Knowledge Excellence (SPIKE) program
Queensland Academy of Sport
 Mahoney, J., **Noetel, M.**, Vella, S., & Lonsdale, C.
 — \$7,416
- 2019

● **iPLAY Sporting Schools pilot**
Sport Australia
 Lonsdale, C., Sanders, T., **Noetel, M.**, Parker, P., & Lubans, D.
 — \$49,587
- 2018

● **iPLAY nutrition module**
New South Wales Department of Education
 Lonsdale, C., **Noetel, M.**, Sanders, T., Ronto, R., & Parker, P.
 — \$12,650
- 2018

● **Thinking While Moving in English**
New South Wales Department of Education
 Lonsdale, C. & **Noetel, M.**
 — \$10,000

SERVICE

- Current
|
2023

● **The University of Queensland**
 Program Director, Master of Psychology
 School of Psychology
- Current
|
2023

● **The University of Queensland**
 Higher Degree Research Committee
 School of Psychology

- Current
|
2023

●

The University of Queensland
 Postgraduate Training Committee
 School of Psychology
- 2022
|
2020

●

Australian Catholic University
 Steering Committee Chair
 INSPIRE Program
- 2022
|
2020

●

Australian Catholic University
 Steering Committee Chair
 INSPIRE Program
- 2021
|
2020

●

Australian Catholic University
 Faculty Board
 Faculty of Health Sciences
- 2022
|
2019

●

Australian Catholic University
 Higher Degree Research Committee
 Institute for Positive Psychology and Education
- 2020
|
2013

●

Australian Catholic University
 National Team Leader
 Sport, Health, and Exercise Psychology Units

ENGAGEMENT

- 2022
|
2021

●

Australian Institute of Sport
 National Quality Assurance Steering Committee
- 2021
|
2015

●

Australian Psychological Society (APS)
 College of Sport and Exercise Psychologists (CSEP)
 — National Treasurer: 2015-2017; 2019-2021
 — NSW Chair: 2015-2017
 — QLD Chair: 2019-2021
- Present
|
2021

●

Effective Altruism Australia
 Director and Chairperson

INVITED PRESENTATIONS / SYMPOSIA

- 2022

●

Berkeley Effective Altruism Winter Scholars Program
 Invited workshop
- 2022

●

Effective Altruism Global x Australia
 Invited workshop, Invited presentation, and 'Fireside chat'
- 2022

●

NASPSA Annual Conference, Hawaii
 Accepted symposia
- 2022

●

Prevention of Falls Injuries Centre of Research Excellence
 Invited workshop
- 2021

●

Advance Higher Education Teaching and Learning Conference
 Accepted presentation

- 2020 ● **Scholarship of Tertiary Teaching Conference, CQUniversity**
Accepted presentation
- 2020 ● **Sports Medicine Australia Symposia**
Invited panellist
- 2019 ● **Effective Altruism Global x Australia**
Invited keynote
- 2015 ● **Association for Contextual Behavioural Sciences World Conference**
Ignite presentation
- 2015 ● **Australian Psychological Society National Conference**
Accepted presentation
- 2012 ● **Sports Medicine Australia National Conference**
Invited presentation



CONTINUING PROFESSIONAL LEARNING

- 2021 ● **Bayesian Statistics: From Concept to Data Analysis (with honors)**
University of California, Santa Cruz
- 2020 ● **Organizational Leadership Specialization**
Northwestern University
 - High Performance Collaboration: Leadership, Teamwork, and Negotiation
 - Leadership Communication for Maximum Impact: Storytelling
 - Leadership Through Social Influence
 - Leadership Through Marketing
 - Leadership Through Design Innovation
 - Organizational Leadership Capstone
- 2020 ● **Influencing Specialization: Storytelling, Change Management and Governance**
Macquarie University
 - Leading transformations: Manage change
 - Negotiation skills: Negotiate and resolve conflict
 - Storytelling and influencing: Communicate with impact
 - Risk governance: Engage the board
- 2020 ● **Model Thinking**
University of Michigan
- 2020 ● **Introduction to Translational Science**
University of Rochester
- 2020 ● **Psychological First Aid**
Johns Hopkins University
- 2020 ● **Effective Altruism**
Princeton University
- 2020 ● **Scrum Fundamentals**
Udemy
- 2018 ● **A Crash Course in Causality: Inferring Causal Effects from Observational Data**
University of Pennsylvania

- 2018 ● **Data Science Specialization**
Johns Hopkins University
 - Data Science Capstone
 - The Data Scientist's Toolbox
 - Getting and Cleaning Data
 - Reproducible Research
 - Developing Data Products
 - Practical Machine Learning
 - Regression Models
 - Exploratory Data Analysis
 - Statistical Inference
 - R Programming
- 2017 ● **Conducting an Intervention Review**
Cochrane
- 2017 ● **Documentary Masterclass**
Australian Film Television and Radio School
- 2017 ● **Learning How to Learn: Powerful mental tools to help you master tough subjects**
McMaster University & University of California San Diego
- 2016 ● **Board Approved Supervisor Training: Refresher and Masterclass**
Australian Psychological Society
- 2015 ● **Gamification**
University of Pennsylvania
- 2014 ● **Learning to Teach Online**
University of New South Wales