

Professor Katherine Andrews

k.andrews@griffith.edu.au

++61 (0)7 3735 4420

<https://experts.griffith.edu.au/academic/k.andrews>

<https://www.linkedin.com/in/professor-kathy-andrews-a66089b0/>

<https://twitter.com/kandrew07141156>

<https://twitter.com/ThatsRADScience>

<https://www.facebook.com/ThatsRadScience/>

Area of Expertise Summary:

- Over 20 years' life sciences experience in complex academic university environments and medical research institutions in Australia (>16 years) and Germany (4 years; basic German language skills)
- High level expertise in research project design, leadership and management developed through developing and securing >25 national/international grants, >20 as Project Leader
- Demonstrated expertise in writing, reviewing and strategic analysis of grants, manuscripts and reports, developed over >20 years and including >85 published outputs
- Effective public speaker with skills developed over >20 years of giving more than 100 lectures, seminars, workshops and community/school presentations
- Demonstrated Leadership and HR management experience gained over >15 years as laboratory Group Leader, project manager, executive officer, committee and board member
- Experienced committee/project leader and member with ability to effect positive outcomes, including managing budgets, securing sponsorship and organizing conferences and events
- Skills in digital and social media developed over >3 years and applied to personal brand development and project marketing
- Enthusiastic and skilled science, technology, engineering and mathematics (STEM) outreach advocate and non-profit STEM outreach project Leader/Director

Strong interest in using skills in leadership, strategic thinking, grant expertise and communication to benefit community groups and non-profits in the life-sciences, health or education sectors or Boards of national and international research organizations.

Career Profile & Highlights Summary:

- Research and leadership positions and experience in life sciences research, project management and education at the Queensland Institute of Medical Research (QIMR) Berghofer (>10 years), Heidelberg University (4 years) and Griffith University (>7 years). Currently leading a team of 8-10 people in addition to leading ~120 people in role as Deputy Director, Griffith Institute for Drug Discovery (GRIDD). Strong links internationally, in particular with Germany.
- Highly experienced in writing successful grants (>25 research grants (>\$3.5million); four community or STEM outreach grants (>\$50K)). Review of >120 grants, theses, reports. Facilitated linkages and time/financial commitments and co-wrote, major multi-institutional grant (Griffith Uni., James Cook Uni, QIMR, Queensland Uni of Technology to establish the *Queensland Tropical Health Alliance* (QTHA; \$19.4 million funded in 2009; Smart State Innovation Building Fund)
- High level written (>84 published papers; one published children's book) and oral communication skills (>100 lectures, seminars, workshops and community/school talks).
- Former national Director, *Australian Society for Medical Research* and Executive Council member and Treasurer (~\$1million budget), *Australian Society for Parasitology*. Executive Office of Griffith Medical Research College – joint initiative of Griffith University and QIMR. GRIDD Leadership Team/Research Committee member.

- Established social media profile (>550 connections on LinkedIn; >500 followers and >2,000 likes on professional Twitter; >500 followers and >3,000 likes on *That's RAD! Science* Twitter).
- Experienced science outreach advocate, including founder and Director *That's RAD! Science* STEM outreach project to produce a series of 12 STEM picture books to inspire young children.

Board & Committees Positions:

- GRIDD Research Committee member (current), Griffith University
- Higher Degrees Research (HDR) Convenor, Griffith University (2014-2018)
- Associate Editor, *International Journal for Parasitology: Drugs & Drug Resistance* (2011-present)
- Management Committee and Program Organizing Committee member 2016 *International Congress of Tropical Medicine & Malaria* (ICTMM). >1,200 attendees; 2 year lead time.
- Judging Committee: Australian Infectious Diseases Research Centre Eureka Prize (2014-2016)
- Executive Council Member and Treasurer. *Australian Society for Parasitology* (2011-2013). Contributed to setting strategic directions of society and managed budget; ~450 members
- NHMRC Grant Review Panel (GRP) member (“Microbiology and Virology”) (2012 & 2013)
- National Director, *Australian Society for Medical Research* (2008-2011) Co-coordinated national Medical Research Week[®] (2009); editor in chief of the ASMR Newsletter (2010)
- QLD Tropical Health Alliance Research Committee (2010-2011)
- Executive Officer, Griffith Medical Research College (GMRC) (2006-2009) Joint initiative between the QIMR and Griffith University. Acting Dean, coordination of grants, newsletter etc
- Australian Association of von Humboldt Fellows QLD Committee 2006, 2007, 2014-2015

Awards (selected):

- Women in Technology Life Sciences Research Leader award (2017)
- Peter Schwerdtfeger Award (Outstanding Academic Achievement) Australian Association of Humboldt Fellows (2011)
- Independent Senior Fellow Award, Eskitis Institute, Griffith University (2010)
- QLD Premiers Award for Medical Research (Senior Category; 2008)

Professional Qualifications & Memberships:

- WiT Board Readiness Program (2018)
- The Bridge Program (commercialization and IP; incl. 3 day residential program; 2017)
- Personal Branding workshop (Jane Anderson; 1 day; 2017)
- Leadership Team Training; Eskitis Institute (2 days); CPEM Consulting Group (2016)
- LinkedIn Training Session: 2h webinar; Arinex PtyLtd (2016)
- Blue Card holder (V type; expiry 25 March 2020)
- *Women in Technology* member (WiT; 2014-present)
- *Australian Society for Parasitology* member (2003-present; 2011-13 Executive Committee)
- *Australian Association of von Humboldt Fellows* (2003-present)
- Graduate Certificate in Education, University of Queensland (2005)
- Doctor of Philosophy (Awarded April 1998), Griffith University (1998)
- Bachelor of Science (Hon), Griffith University (1992)

Current Employment:

- Deputy Director and Research Leader, Griffith Institute for Drug Discovery, Griffith Uni.
- Founder and Director, *That's RAD! Science* STEM outreach project