

CURRICULUM VITAE
Selena Elizabeth Bartlett
(née Hocart)

EDUCATION

- 1991-1995 The University of Queensland, School of Pharmacy, Brisbane, Australia, Ph.D.
1989 The University of Queensland, School of Pharmacy, Brisbane, Australia, B.Pharm
(First Class Honours).
1986-1988 The University of Queensland, School of Pharmacy, Brisbane, Australia, B.Pharm.
1983-1985 Queensland Institute of Technology, Department of Mathematics, B.App. Sc.

LICENSES AND CERTIFICATIONS

- 1990-present Registered Pharmacist with APHRA

LIFELONG LEARNING IN PROGRESS

- 2023 Diploma of Counselling Course Australian Institute of Professionals Counsellors
(to be completed November, 2023)
2023 Neuroscience of Learning with Dr Mark Williams, cognitive neuroscientist.
2023 DeepLearning.AI Short Courses (ongoing) with Dr Andrew Ng, Founder.

PROFESSIONAL RESEARCH EXPERIENCE AND HIGHLIGHTS

- 2012- Professor (research capacity building), School of Clinical Sciences, Pharmacy Discipline,
Faculty of Health, Queensland University of Technology, Brisbane, Queensland, Australia.
- 2012- Group Leader, Addiction Neuroscience, Institute for Health and Biomedical Innovation &
Translational Research Institute, Queensland University of Technology, Brisbane,
Queensland, Australia. (2020 IHBI & TRI merged within the Faculty of Health).
- 2012 Australian Research Future Fellow (Funded 2013-2017)
- 2011-2012 Professor (research capacity building), Faculty of Science and Technology. Queensland
University of Technology, Brisbane, Queensland, Australia. Oct-Dec. Pharmacy moved
from Faculty of Science into Faculty of Health.
- 2004-2012 Director, Preclinical Development Group, Ernest Gallo Clinic and Research Center at
the University of California San Francisco (UCSF), Emeryville, California.
- 2004-2010 Associate Professor (part-time), College of Pharmacy, Touro University California,
USA. Founding faculty member

RESEARCH TRAINING EXPERIENCE

- 2001-2004 Senior Scientist, Ernest Gallo Clinic and Research Center at the University of
California San Francisco, Emeryville, CA.
- 1999-2001 Research Scientist, Department of Physiology and Pharmacology, The University of
Queensland, St Lucia, Queensland, Australia.

1995-1999 Postdoctoral Fellow, Developmental Neurobiology Group, Department of Neuroscience, The John Curtin School of Medical Research, Australian National University, Canberra, Australia.

LEADERSHIP

Group Leader, Addiction Neuroscience and Obesity, Translational Research Institute at the Institute for Health and Biomedical Innovation, Brisbane, Queensland University of Technology, Brisbane, Queensland, Australia.

- Built a basic and applied neuroscience lab at the Translational Research Institute.
- The lab has been successfully and continuously funded by the NH&MRC, the ARC and the National Institutes of Health since the lab opened in 2012.
- Our lab is the first to show that sugar is as addictive as alcohol and nicotine.
- Established national collaborative research and clinicians' group to tackle obesity by reducing sugar overconsumption

Founder and CEO Migfit Australia Inc.

To commercialize the mobile technology to tackle obesity by targeting sugar overconsumption.

Developed a digital approach that incorporates big data and artificial intelligence.

Won the pitch competition in Silicon Valley.

Director, Preclinical Development Group, Ernest Gallo Clinic and Research Center at the University of California San Francisco (UCSF), Emeryville, California.

- Founded and developed the Medications Development program for the Ernest Gallo Clinic and Research Center at UCSF. Given \$1 million dollars and one year to find a novel approach for treating alcohol addiction.
- Leveraged the opportunity and went on to raise and manage over \$8 million through competitive national grants such as NIH and DOD.
- Developed a pipeline of pharmacotherapeutics for alcohol addiction, PTSD, and mental health disorders.
- We were the first to discover that varenicline (Chantix/Champix) as a possible treatment for alcohol addiction.
- Published high quality publications in journals such as PNAS and Cell.
- Lead to national press coverage, such as a live interview on Good Morning America as the first new potential treatment targeting both alcohol and nicotine addiction.
- Led large multi-investigator complex collaborative projects across multiple institutions, drug companies and non-profit organizations.
- Reported to the Director of the Gallo Center weekly and the Board of Directors yearly, that included two Nobel prize winning scientists, Dr Stan Prusiner and Dr Eric Kandel.
- Translated the research into human clinical trials. Examining varenicline for alcohol addiction in the USA and Australia.

Associate Professor (part-time), College of Pharmacy, Touro University- California, USA.

Founding faculty member, established the problem-based learning curriculum.

- Founding faculty member in the inaugural Pharmacy school.
- Developed the integrated problem-based learning curriculum with a faculty colleague Professor David Evans and the Dean Katherine Knapp.
- Developed an innovative Pharmacy program that had 2 years of didactic courses followed by 2 years of clinical rotations at a number of accredited sites in California.
- Recruited the inaugural Pharmacy students.
- Developed and taught pharmaceuticals and pharmacology.
- Prepared for the ACPE accreditation and site visit for the Pharmacy school.

HONORS, AWARDS, PRESS COVERAGE and COMMUNITY ENGAGEMENT

- 2023 Nominated for a Women in Technology Award for “Lifting Communities” for providing neuroscience education to the public and communities through:
- Founding the Thriving Minds podcast, that has 85K downloads and reaches 3500 cities around the world.
 - Contributions to award-winning documentary film, “The Great Separation”, appearing on public television in October 2023.
 - Providing neuroscience expertise to the Queensland Police Service in a documentary film about *Policing Youth Offenders* that provides a real and raw account of the current state of play with youth crime in Queensland while taking audiences behind the scenes of strategies making a difference in our communities. The film provides audiences with new insight into the work being done to tackle youth offending such as effective Youth Co-Responder Teams and other intervention initiatives.
 - Regular contributor on neuroscience and mental and brain health on television, newspapers, other podcasts, and live radio interviews
 - House of Wellness, Channel 7, Neuroscience of Thriving Minds for Healthy Ageing
 - ABC 7.30 pm Report, Neuroscience of Sugar Addiction
 - ABC Live Radio, Neuroscience of Vaping addiction in school students
- 2022 Syndicated writer for newscorp contributing monthly columns on Brain Health for the Body & Soul Magazine
- KeraThink Podcast, 1 million subscribers across the USA
- Regular guest on podcasts about mental health and wellness.
- 2021 Awarded OneTRI award for Leadership, Integrity, Knowledge, Excellence, Collaboration for work the TRI Sexual Harassment Awareness and Prevention (SHAP) Committee
- 2019 Awarded Lawrie Austin Plenary lecture award in recognition for my contributions to neuroscience, Australian Neuroscience Society (ANS).**
- Nominated by members of the Australian Neuroscience Society (ANS) and selected by the ANS Council.
- 2019 Awarded Athena Swan Award, QUT STEMM Diversity and Inclusion Awards, Individual Winner.
- Nominated by QUT academics selected by the Athena Swan Council. Individual winner for mentoring level A-D academic women to promotion.
 - Developed an innovative social media platform tool to mentor and coach young women daily. Provide strategic advice to make career progress and manage a family.
- 2019 Ockhams’ Razor, ABC radio live podcast, World of Science Festival
- Invited to deliver a talk on stage to 200 people about sugar addiction.
- 2019 Regular interviews such as Live for the Today Show Channel 7, ABC Sydney radio, focus.
- Regular interviews on radio and television about research on stress, diet and exercise.
- 2018 Pitch competition winner, MiGFiT Inc.
- Disrupting the weight loss industry using neuroscience, big data and AI. Igniter conference, Mountain View, CA
- 2018 QUT Bluebox Challenge, MiGFiT Inc start up shortlisted for accelerator prizes.

- 2018 Science daily, news feature, Feb 8, 2018. We identified a novel drug that reverses brain deficits caused by alcohol via the regeneration of brain cells. ABC news Feb 7, 2018, Numerous print, radio and TV interviews throughout the US and around the world, including personal interviews.
- 2017 Interviewed Live for the Today Show Channel 9, LA Radioshow for 1 hour, In your right mind, City North news, QUT Alumni magazine, Notable woman award for the Alliance for Highschool girls. Paper selected for PloS One blogpost and reddit article.
- 2016 Science daily, news feature, treating sugar addiction like drug abuse. 7th April
The Huffington Post, Sugar is addictive in the same way as alcohol and nicotine, 4th April.
4EB Women's Profile, one hour interview about brain health.
Numerous print, radio and TV interviews throughout the US and around the world, including personal interviews.
- 2015 The Conversation article written about stress and the workplace 2014 TEDx speaker, brain health and vitality, QUT.
- 2014 Ambassador, Women in Technology organization
ABC radio interview, changing brains, changing lives Brisbane news feature about mental health
- 2013 Awarded Outstanding Achievement Award in Biotechnology, Women in Technology Organization
- 2013 Awarded Biotech Research Award, Women in Technology Organization
- 2013 Interviewed for the effects of adolescent binge drinking effects on the brain.
- 2012 Interview and lab filmed for an awards ceremony, Institute for Health, and Biomedical Innovation
- 2011 Interview and lab filmed for a documentary on addictive eating disorders.
- 2010 News Focus, "Prescription Sobriety" New Scientist, 9 January 2010.
News feature University of California Health, "Compulsive Eating Target". The neurokinin 1 receptor antagonist, ezlopitant, reduces appetitive responding for sucrose and ethanol" in PLoS One. 2010 Sep 1;5(9). pii: e12527. ScienceDaily, Biochemical pathway may link addiction, compulsive eating News feature University of California Health, "New compounds may treat both alcohol and cigarette addictions" for our paper Partial Agonists of the $\alpha\beta4$ (*) Neuronal Nicotinic Acetylcholine Receptor Reduce Ethanol Consumption and Seeking in Rats. Neuropsychopharmacology 2010 Nov 3.
- 2009 Editors' Choice, news feature Science "Last fly standing. *Sci.*, 2,73, p.179. News feature New Scientist: 'Happyhour gene may help put boozers off their drink'. This is in recognition of our paper recently published in Cell. Corl. et al., 2009 "Happyhour, a Ste20 family kinase, implicates EGFR signaling in ethanol-induced behaviors.
- 2009 Medical News and Perspectives feature in the Journal of the American Medical Association: "Findings on alcohol dependence point to promising avenues for targeted therapies: *JAMA*. 2009;301(16):1643-1645.
- 2008 Scientific American, news feature, New drug arrests alcohol addiction in rats. Live interview on Genetic Engineering and Biotechnology news: "Promising New Treatment for Alcoholism: for our paper: Nielsen et al., 2008 Biological Psychiatry Dec 1;64(11):974-81.
- 2008 News Focus, Tackling Alcoholism with Drugs, Science, 320, 168-170 for our paper Steensland, P., et al. (2007) Varenicline, an $\alpha4\beta2$ nicotinic acetylcholine receptor partial agonist, selectively decreases ethanol consumption and seeking. *Proc Natl Acad Sci U S A*. 104, 12518-12523.
- 2007 More than 100 television appearances throughout the US and around the world, including personal interviews on: *Today Show - NBC News Network Television program; Good Morning America - ABC News, Good Morning Australia; News 10 NBC Today; CBC Television Network Television; VOA, MSNBC-Across the Nation with Bob Dunning- live interview; World News Now*. More than 400 print news articles carried the story such as the

International Herald Tribune; San Francisco Chronicle, Oakland Tribune, USA Today, Sacramento Bee and the Scientific American for discovery published in

Steensland, P., et al. (2007) Varenicline, an alpha4beta2 nicotinic acetylcholine receptor partial agonist, selectively decreases ethanol consumption and seeking. *Proc Natl Acad Sci U S A.* 104, 12518-12523.

- 2007 Awarded - The Sidney Baer Trust Investigator for the National Alliance for Research on Schizophrenia and Allied Disorders.
- 2006 Awarded - National Alliance for Research on Schizophrenia and Allied Disorders Award for Basic Science Research, five selected from all Young Investigator Awardees.
- 2005 The Young Investigator Award, National Alliance for Research on Schizophrenia and Allied Disorders.
- 2003 The Young Investigator Award, National Alliance for Research on Schizophrenia and

RESEARCH SUPPORT APPLICATIONS UNDER REVIEW

APP2027622 (Bartlett) AUD \$746,671 01/01/24-31/12/28
National Health and Medical Research Council project grant to discover new drug targets that focus on neuroplasticity in serotonin circuits that drive co-morbid alcohol and anxiety disorders.

APP2027989 (Islam) AUD \$697,454 01/01/24-31/12/28
National Health and Medical Research Council project grant to discover new drug targets Novel pulmonary delivery of meropenem (MPN) for lower respiratory tract infection (LRTIs)

COMPETITIVE RESEARCH FUNDS AWARDED (TOTAL \$20,843,143 million)

Bartlett AUD \$50,000 01/01/20-01/12/23
Civics Solutions. Treating brain cancer by disrupting the tumour's immune defense system

GNT1146417(Bartlett) AUD \$578,518 01/01/18-31/12/20
National Health and Medical Research Council project grant to tackle obesity by reducing sugar consumption.

Bartlett AUD \$20,000 06/01/18-06/01/19
TRI seed funding. Impact of sugar on brain glioblastoma.

Bartlett AUD \$199,000 01/01/16-31/12/18
Children's Hospital Research Foundation for examining cognition and obesity.

GNT1061979 (Bartlett) AUD \$520,000 01/01/14-06/30/17
National Health and Medical Research Council project grant to determine the role of orexins in alcohol use disorders.

McCarthy, Yates, Bartlett AUD \$75,000 01/01/15-31/12/15
PA Hospital Research Foundation for examining cognition post breast cancer treatment.

and nicotine consumption and substance use disorders with the goal of generating medications and treatment strategies.

1R21DA029966-01 (Bartlett) Fast Track 05/01/11 - 06/30/13
NIDA/ NIH
The major goal is to screen the NIH library of compounds to identify inhibitors of CRF-R2.

W81XWH-10-1-0247 (Bartlett) USD \$300,000 05/14/10 - 12/13/11
Department of Defense/Telemedicine and Advanced Technology Research Center
The major goal of this grant is to determine the validity of orexin receptors in the treatment of alcohol use disorders and PTSD.

N/A (Bartlett)
Pfizer Inc Research Grant USD \$226, 180 09/15/08 - 01/01/12
The major goal is to determine the efficacy of varenicline in the treatment of heavy drinking smokers.

N/A (Bartlett/Heilig)
Pfizer Inc In-Kind Grant 09/15/08 -01/01/12
01/01/12
Pfizer provided varenicline and placebo for the fRMI studies.

N/A (Bartlett/Fields) Pfizer Inc In-Kind Grant 02/15/10 -09/10/11
Pfizer provided varenicline and placebo for the human proof of concept studies.

N/A (Bartlett) 07/01/10-06/30/12
State of CA/UCSF Dept. of Neurology
At the request of the Governor, the State Legislature augmented funds to UCSF to support additional staff and a new drug development program for alcoholism and addiction.

INVITED PAPERS, LECTURES, AND PRESENTATIONS

- 2023 American College of Neuropsychopharmacology
Center for Brain Health, Dallas, Texas
Education Queensland regional guidance annual conference
- 2022 Australian Neuroscience Society
Queensland Police Service
Kelvin Grove State College
Center for Brain Health, Dallas, Texas
- 2021 Australian Neuroscience Society Queensland Ambulance Service
Queensland Secondary Principals Association 4MAT Systems Australia
Yiliyapinya Indigenous Corporation and Kelvin Grove State College
2020. QuestNet, Brisbane, Queensland

- International Conference on Obesity and Chronic Diseases (on-line)
 Australian Neuroscience Society (on-line)
- 2019 International Behavioral Neuroscience Society Australian Neuroscience Society
 Ockham's razor, ABC live podcast, World of Science Festival
 International Conference on Obesity and Chronic Diseases.
 FIZZ symposium, Auckland, New Zealand.
- 2018 RMIT, Melbourne, Australia
 Australian Cardiovascular Health and Rehabilitation Association Inc.
 RiSE Qld
 Curtin University, Western Australia Genentech, San Francisco
 Wellness programs, QUT Uniting Health, Sydney
 Speech pathologist mothers' group, Perth, WA UNSW, Sydney, Australia
- 2017 Stress and Alcoholism, Volterra, Italy
 Mind Brain Education conference,
 Melbourne Magistrates Conference, Brisbane
 Adopt Change, Conference, Sydney
 Research Society for Alcoholism
 Genentech, South San Francisco
 Norfolk Village school, Ormeau, Qld
 EndED.Thompson Institute, University of the Sunshine Coast
 National Obesity and Eating Disorders conference, Gold Coast
- 2016 Genentech, South San Francisco
 QUT student orientation, growth mindset, Brisbane
 Working against violence support service, Brisbane
 Queensland Premier and Cabinet, Brisbane
 Toowoomba clubhouse, Qld
 Sunrise Way, Toowoomba, Qld
 Community centre, Kingaroy, Qld
 Queensland Academy of Math and Science and Technology, Brisbane
 Drug and Alcohol Services, Langton Centre, Sydney
 Key assets, Brisbane
- 2015 International Society for Neurochemistry, Cairns
 Queensland Government Department of Health Summer School Queensland Government,
 Department of Transport
 Queensland Government Police, child protection, and corrective services Rowland Group
 Village retirement group
 Rubicon Programs, Richmond, California
 Department of Optometry, UC Berkeley
 Future Thinking Conference, QUT
 Cromwell College, The University of Queensland
 Shaping Brains, Benevolent Society, Acacia Ridge, Brisbane

- 2014 TEDx QUT
Biological Psychiatry Australia
Radiation and Imaging Meeting, PA hospital, Brisbane
Questnet, Brisbane, Queensland
Brain imaging meeting, QIMR, Brisbane, Queensland
Women in Technology, Brisbane, Queensland
AllHallows School
St Rita's College
- 2013 Drug and Alcohol Clinical Services | Hunter New England Local Health District
International Narcotics Research Conference, Cairns, Australia
College on Problems of Drug Dependence, San Diego, CA, USA
Australasian Professional Society on Alcohol and Other Drugs, Brisbane
- 2012 Medical University of Southern California, USA
Research Society on Alcoholism, San Francisco, CA
International Society for Biomedical Research on Alcoholism, Sapporo, Japan
- 2011 Volterra symposium, Volterra, Italy
International Brain Research Organization, Florence, Italy
NIAAA, NIH, Washington DC, USA
TATRC, Fort Detrick, Maryland, USA
Hager Biosciences, Philadelphia, USA
- 2010 World Pharma, Bridging Basic and Clinical Pharmacology, Denmark
International Society for Biomedical Research on Alcoholism, Paris, France
NIAAA symposium and ancillary meeting of the American Society of Human Genetics (ASHG) annual meeting, Washington DC
University of North Carolina
National Institute of Alcohol Abuse and Alcoholism, Bethesda, MD
The Gladstone Institutes, Mission Bay, San Francisco, CA
- 2009 American Psychiatric Society, San Francisco, CA
Research Society on Alcoholism, San Diego, CA
Department of Pharmaceutical Sciences and Pharmacogenomics, UCSF College of Pharmacy and Pharmaceutical Science, Kentucky
- 2008 Department of Nutritional Science and Toxicology, University of California, Berkeley
Research Society on Alcoholism, Washington, DC

International Society for Biomedical Research on Alcoholism, Washington DC
 Neurotechnology Industry Investing and Partnering Conference, Chair panel
 Addiction, Impulse control and Obesity, Boston, MA
 Drug User Seminar Program, Positive Health Practice, San Francisco General
 Hospital.

MENTORING OF FACULTY AND STAFF MEMBERS

2023 Dr Laura Genovesi
 2023- Dr Nazrul Islam
 2016
 2021- Dr Fatemeh Chehrehasa
 2014
 2017- Dr Emma Bolderson
 Dr Laura Croft
 Dr Jo Stephens
 Dr Chenwei Hang
 Dr Jennifer Gunter
 Dr Nicole White
 Dr Huiwang Hang
 2015 Dr Belinda Garner
 Dr Mary-ann Carmichael
 2014- Dr Ricarda Thier, Clinical Sciences, shared lab resources
 2013- Dr Melinda White, Clinical Sciences, Psychology, joint students and
 fellowship mentoring

POSTDOCTORAL FELLOWS SUPERVISED

		<u>Origin</u>
2023- 2015	Arnauld Belmer	INSERM, Paris, France
2017- 2013	Paul Klenowski	Queensland University of Technology
2016	Bahareh Nakisa	Tehran, Iran
2013-	Michael Morgan	The University of Queensland
2012-2010	Subhashini Srinivasan	University of Arizona, Tucson USA
2011-2009	Allison Feduccia PhD	University of Texas Austin USA
2012-2008	Susmita Chatterjee, Ph.D.	University of Southern California, USA.
2011-2005	Carsten Nielsen, Ph.D.	The University of Queensland, Australia
2008-2006	Pia Steensland, Ph.D.	Uppsala University, Sweden
2008-2005	Jemma Richards, Ph.D.	University of Nottingham, UK

GRADUATE STUDENTS

Origin

Primary supervisor

2022-present	Kerri Gillespie	Queensland University of Technology
2021-present	Catherine Keys	Queensland University of Technology
2019-2021	Joshua Wang	Queensland University of Technology
2019-present	Kim Song	Queensland University of Technology
2019- present	Mahalia King	Queensland University of Technology
2018-present	Aoun Ali	Forman Christian College, Pakistan

2018-present	PhD (full scholarship) Kate Beecher PhD in progress	Queensland University of Technology
2018-present	Angela Jacques PhD in review	Queensland University of Technology
2018-present	Nicholas Chaaya PhD in progress	Queensland University of Technology
2014- present	Joan Holgate PhD completed Postdoctoral research fellow	Australian National University
2013-2016	Omkar Patkar PhD awarded July 2017 Postdoctoral research fellow	The University of Queensland
2013-2016	Masroor Shariff PhD awarded July 2017	The University of Queensland
2015-2018	Josephine Tarren PhD awarded 2018	Queensland University of Technology
2015	Rebecca Davies	Queensland University of Technology
2015-	Mary-Ann Carmichael PhD in progress	Queensland University of Technology
2014	Eric Franklin Honours degree awarded	Queensland University of Technology
1997-2000	Anna Reynolds PhD awarded Sept 2000 Winner of CJ Martin Fellowship 2000 and the Frank Fenner Medal for most outstanding PhD thesis.	Australian National University, Canberra
<u>Secondary supervisor</u>		
2022	Katherine Barlow	Queensland University of Technology
2017	Hui Wang PhD awarded.	Queensland University of Technology
2017-	Angela Jacques PhD in progress.	Queensland University of Technology
2017	Stephanie Koo Masters awarded.	Queensland University of Technology
2016-	Rebecca Kuhn PhD in progress.	Queensland University of Technology
2016	Angela Jacques Masters completed.	Queensland University of Technology
2015-	Mary-Ann Carmichael PhD transferred in progress	Monash University, Melbourne
2014	Janine Grove Masters awarded.	Queensland University of Technology

2013-2014	Vincent Tam Masters not awarded.	Queensland University of Technology
2012-2013	Jiangyuan Li Masters awarded.	Queensland University of Technology
2009- 2011	Yuanyuan Wang China PhD awarded.	Sun Yat-Sen University, Guangzhou,
1999-2001	Glen Banks PhD awarded.	The University of Queensland, Brisbane
1999-2003	Kwong Joo Leck PhD awarded.	National University of Singapore

PROFESSIONAL MEMBERSHIPS

Research Society on Alcoholism
International Society for Biomedical Research on Alcoholism
Society for Neuroscience
Australian Neuroscience Society
Australian Health Practitioner Regulation Agency

TEACHING

Courses taught.

2023-201
2020
2019
2019
2018
2018
2017
2016
2016
2015
2015
2015
2014
2005-2010

CSB111, Foundations of Clinical Practice School of Clinical Sciences QUT Clinical Sciences first year students.
QUTeX neuroscience course
CSB111, QUT Clinical Sciences first year students.
Growth mindset on-line course, all incoming QUT first year students.
Neuroscience lecture LQB184, Biomedical skills.
Growth mindset on-line course, all incoming QUT first year students, one hour lecture and on-line.
Growth mindset on-line course, all incoming QUT first year students, one hour lecture and on-line.
Growth mindset on-line course, all incoming QUT first year students, one hour lecture and on-line.
Neuroscience lecture, Psychology, one lecture.
Neuroscience lecture, Radiation Therapy, Clinical sciences, course code CSB066, one 3 hour lecture.
Neuroscience lecture, Biomedical Sciences, one 3 hour lecture.
Neuroscience lecture, Psychology, one 3 hour lecture.
Neuroscience lecture, Psychology, one 3 hour lecture.
Associate Professor, School of Pharmacy, Touro University, California

Course Director, designed the curriculum, taught lectures, and facilitated flipped classroom lectures. The lectures were 2 hours and 1 hour of breakout session for integrated learning.

2005-2010

Fall Semester PHRM 602: Pharmaceutical Sciences PHRM 610: Pharmaceutical Sciences

Spring Semester PHRM 606: Pharmaceutical Sciences PHRM 614: Pharmaceutical Sciences

UNIVERSITY SERVICE

2023-2018 University biosafety committee

2021-2019

TRI Sexual Harassment Awareness and Prevention (SHAP) Committee

OGTR conference, Canberra

2018 Mentoring Women in STEM, QUT

2017 Research committee for IHBI

2017 QUT student orientation

2017 On-line growth mindset module for all in-coming QUT students <https://www.youtube.com/watch?v=OJXmMkugkdl&feature=youtu.be>

2017 QUT corporate advertising programs

2017 Mentoring Women in STEM, QUT

2008 Member, Search Committee for Touro College of Pharmacy, Touro University- California, Vallejo, CA.

2007 Member, Curriculum Development, Touro College of Pharmacy, Touro University- California. I played an active role in designing the current Pharmacy curriculum.

EXTERNAL SERVICE

2023-2011 Reviewer for ARC discovery grants

2023-2011 Reviewer for NH&MRC investigator grants

2023-2011 Reviewer for NH&MRC grants

2021 Project support for Woorabinda and Beenleigh

2019- Rise above ACES. Board member.

2016 Consultant to Queensland Premier and Cabinet

Neurosciences IRG, National Institutes of Health

2012 Study Section, ZRG1 IFCN-Q (03) Substance Abuse IRG, NIH

2010 Study Section, Neuropharmacology, Emerging Technologies and Training in

Neurosciences IRG, National Institutes of Health

2010 Study Section, Neuroscience Review subcommittee, 2011/01 AA-4 1, National Institutes of Health

2009 Study Section, Member, Neuropharmacology, Emerging Technologies and Training in Neurosciences IRG, National Institutes of Health

2009 Study section, Special Emphasis Panel, ZRG1 ETTN-Q (53), Panel #5 Catalyst (R43) and BRDG-SPAN (RC3) awards

Study section, ETTN C53 SBIR Challenge grants: Panel #4 Catalyst (R43) and BRDG-SPAN (RC3) awards

2009 Panel Member, NIDA Workshop, "In vivo "Validation of in vivo screening for Drug

- 2009 Discovery and Development: Focus on Smoking Cessation".
External reviewer, Promotions Committee to Tenure, The University of Queensland, Brisbane, Australia.
- 2008 Study Section, Neuropharmacology, Emerging Technologies, and Training in Neurosciences IRG, National Institutes of Health

OTHER SERVICE TO PROFESSIONAL ORGANISATIONS

- 2023 Queensland education department
Stepping Stones
- 2022- Queensland Police Service
Logan New Directions (LND)
- 2020- Yiliyapinya Indigenous Corporation
- 2019 Transtech accelerator
- 2019 Women's world changing summit
- 2018 QUT wellness programs
- 2018 SheOH community for raising venture capital for women
- 2017 Women in business graduate education
- 2017 Magistrates' professional development
- 2017 Mentoring Women in STEM, QUT
- 2017 Mind brain education professional development
- 2017 QUT Wellness seminar
- 2016 Mentoring Women in STEM, QUT
- 2015 Editor- Book for Frontiers in Neuroscience
- 2015 Field Editor-Frontiers in Neuropharmacology
- 2015 Field Editor- Alcoholism Clinical and Experimental Research
- 2014 Women in Technology ambassador
- 2013 Chair, judging panel, Women in Technology awards
-
- 2011- Reviewer, Alcoholism and Clinical and Experimental Research
- 2011- Scientific Advisory Board, Hager Biosciences
- 2009 Co-Chair Symposium Research Society on Alcoholism, San Diego, USA.
- 2006- Member, Scientific Advisory Board, Multispan Inc. South San Francisco.
- 2007 Organizer and Chair, Conference on "The laboratory mouse in the development of new therapeutic approaches to the treatment of neurological disease", The Jackson Laboratory, Maine
- 2007 Member, program committee for the Research Society of Alcoholism, Chicago IL.

SERVICE TO PROFESSIONAL PUBLICATIONS

Editor

Frontiers in Pharmacology
Nutrients

Past:

Editor- Book for Frontiers in Neuroscience
Field Editor-Frontiers in Neuropharmacology
Field Editor- Alcoholism Clinical and Experimental Research

Reviewer

Neuropsychopharmacology, Neuropharmacology, Frontiers in Neuropharmacology, Biological Psychiatry, Pharmacology Biochemistry and Behavior, Addiction Biology, Alcoholism and Clinical

and Experimental Research, Annals of Neurology, Alcohol and Alcoholism, Pharmacology and Therapeutics, European Journal of Neuroscience, Molecular Pain, Journal of Neuroscience Research, Journal of Neurochemistry, Alcohol, Psychopharmacology

COMMERCIAL RESEARCH AND INDUSTRY ENGAGEMENT

2022 Kelvin Grove College embedding neuroscience into the curriculum

2021 4MAT presentation

2020-Yiliyapinya Indigenous Corporation

2018. MiGFIT Inc, a digital health solution for sugar addiction in collaboration with QUT

2018 RiSE Queensland. Public panel forums to raise awareness in Queensland.

2016 Qld government corrective services. Discussions about the feasibility of brain fitness programs to reduce recidivism in Queensland.

2015 Shaping Brains, Benevolent Society, discussions about the potential of brain fitness programs for cognition in the aged care community.

2015 Devised the Brain Fitness program for the Future Thinking Conference with David Fagan, QUT. We hope to have many influencers, decision-makers and a variety of corporate groups attend this meeting.

2015 Brain Fitness Labs. Promoting public health through brain resilience.

2014 Developed and launched the brain vitality index and Brain Unlocked. QUT Bluebox has been providing me with advice and contacts to get investors to help drive the commercialization.

2014 Village Retirement Group. We discussed and started investigating the feasibility of developing a brain fitness programs for retirees. Applied for the Engagement and Innovation grant, QUT.

2014 Developed a cross faculty and institute collaboration to launch the BVI at QUT.

SUMMARY OF PUBLICATIONS

103 original research journal articles, 15 book chapters, 90 published conference abstracts (not included below).

Metrics: Google scholar h-index 43; i10 index 92; Citations 7143. Recent publications have Field-Weighted Citation Impact, 2.11 and 1.92, Scival (2017-2022).

PUBLISHED ORIGINAL RESEARCH ARTICLES IN JOURNALS

1. Gillespie, KM, Kemps, E, White, MJ, **Bartlett, SE**. (2023) The impact of free sugar on human health-a narrative review. *Nutrients*, 15 (4) 889. doi: 10.3390/nu15040889
2. Belmer, A; Depoortere, R, White, MJ, Beecher, K, Newman-Tancredi, A; **Bartlett, SE** (2022) Neural serotonergic circuits for controlling long-term voluntary alcohol consumption in mice. *Molecular Psychiatry*, 11:4599-4610. doi: 10.1038/s41380-022-01789-z.

3. Beecher K, Wang J, Chehrehasa F, Depoortere R, Varney MA, Newman-Tancredi A, **Bartlett SE**, Belmer A. (2022) Dissecting the contribution of 5-HT_{1A} auto- and heteroreceptors in sucrose overconsumption in mice. *Biomedicine and Pharmacotherapy*.148: 112699.
4. Haass-Koffler, CK,..., **Bartlett**, SE, Antonello Bonci, Stefan Vasile, Becky L Hood, Eigo Suyama Michael P Hedrick, Layton H Smith, Allison S Limpert, Marisa Roberto, Nicholas D P Cosford Douglas J Sheffler (2022) Development and use of a high-throughput screen to identify novel modulators of the corticotropin releasing factor binding protein SLAS *Discovery* (8):448-459.
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