

ISBE Newsletter

Supplement to *Behavioral Ecology* www.behavecol.com

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The Abstracts submissions for ISBE 2020 is now open: www.isbe2020.com/program/call-for-abstracts/

FROM THE NEWSLETTER EDITOR

Dishonesty in Homo academicus

As behavioural ecologists, we expect animals to try to cheat and cut corners. Some of us even study the various control mechanisms that evolve to reduce dishonesty. Yet, when dishonest behaviour happens among humans animals in Academia, many are surprised. My country has recently had some spectacular cases of scientific misconduct, where top scientists at our best medical University were forced out due to data fabrication.

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Recently, I had my first diciplinary cases with cheating students. One was an obvious case of plagiarism, easily spotted by our digital tools. The other one had used a ghost writer, a type of fraud apparently on the rise and much harder to detect. These experiences made me think about why, and when, we decide to act dishonestly. What are the incentives and what are the deterrents?

Examples of misconduct come from the lowest to the highest level of academia. This trend, if it is a trend, is quite worrisome. Cases of scientific fraud risk eroding the public's faith in science, and this at a time when many openly attack its validity. Many people choose not to "believe" in the science of evolution, vaccines or antrophogenic global warming. It is likely that all these cases of academic misconduct make matters worse.

I personally think that our current system of science funding is partly to blame. But I do not know how to design a system with incentives that push scienstists to do their best, while not simultaneously increase the temptation to cut corners.

The phrase "publish or perish" is sinister for this exact reason. With one's back against the wall, e.g. with a tenure track or a grant period about to expire, the pros and cons of cheating may shift. The risk of being exposed as a cheater could appear bearable if, without

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those great publishable results, you are out on your behind anyway.

In our current system of highly precarious employment and metric-based evaluations, the main guarantee for scientific rigor seems to be the intellectual integrity of the individual researcher. Scientific misconduct is of course not easily defined, rather a grey scale from the slightly disingenuous to the outright fraudulent. We need to continously discuss these matters with our students and in or lab groups. Where do we draw the line? Importantly, I believe those who sit pretty (e.g. tenured staff, professors, emeriti) must lead by example.

I have experienced researchers who push their students to churn out any half-baked result. But there are also those who teach their staff to get to the bottom of things and only publish what is solid. My hope that is that all of us will strive to be one of the latter.

Thanks!

I would like to thank all who have contributed to this issue. It contains a lot of information about the next ISBE congress in Melbourne Australia in 2020.

Please also read Culum Brown's obituary over Victoria Braithwaite, who sadly passed away earlier this year. I encourage all to contribute to the next issue, with book reviews, opinion pieces or other society news. The deadline for contributions is Feb 29, 2020.

> P. Andreas Svensson ISBE Newsletter editor Linnaeus University, Sweden andreas.svensson@lnu.se

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Past ISBE conference organiser

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CONTRIBUTIONS TO THE NEWSLETTER

Your contribution is important!

The ISBE Newsletter publishes Book Reviews, Conference/Workshop Reviews, Job postings and other advertisements, as well as Commentary Articles of interest to the International Society for Behavioral Ecology. The ISBE Newsletter will only consider work that is not already published or intended to be submitted for publication elsewhere.

Book Reviews: Persons involved in the publishing of books who would like these to be considered for review in the Newsletter should contact the editor so that they can be added in the books-for-review list. Authors may submit a list of possible reviewers. Members who wish to review a particular book should contact the editor. The editor will provide reviewers with instructions. Reviews are typically 1500-2000 words. For a list of books currently available for review, see the end of this Newsletter.

Workshop/Conference Reviews: Workshop and/or Conference reviews can be prepared in one of the following formats: *Brief synopses* (around 1500 words) and *Longer reports* (around 3000 words). Graduate students and postdocs are strongly encouraged to consider contributing to writing these reports.

Cartoons: Cartoonists and other artists are encouraged to submit artwork, either in hardcopy, or as TIFF or high resolution (>300 dpi) gif or jpg files. All cartoons published in the Newsletter will be credited to the illustrator. **Spotlight on young scientists**: Early career members (PhDs/ postdocs) are encouraged to participate in the

section "Spotlight on"; please provide name, education, current address, research interests and selected papers in an email to the editor.

Upcoming conferences and events: Please submit information about events that are relevant to the Society. Do this by emailing the Newsletter editor so that it can be included in the "Conference calendar"

The deadline for contributions to the next issue is Feb 29, 2020

OBITUARY - VICTORIA BRAITHWAITE

Prof Victoria Braithwaite passed away on the 30th September following a battle with pancreatic cancer. VB was widely acknowledged as an expert in fish cognition and welfare and she will be sorely missed.



Victoria started out working on navigation and homing behaviour in pigeons at Oxford for her PhD, but soon realised the error of her ways and switched to fishes. She did a post-doc at the University of Glasgow where she worked with Prof Felicity Huntingford who was already a leading light in fish welfare, behaviour and ecology. That was an enduring relationship and very much shaped Victoria's future research directions. When she moved to the University of Edinburgh, it was probably her work on fish pain and welfare together with Lynne Sneddon that thrust her into the limelight. I was a post-doc in her lab at that time working on the evolution of cognition in fishes. It would be fair to say that VB was not overly fond of attention and avoided the spotlight if at all possible. In recognition of her research she won the Fisheries Society of the British Isles Medal in 2006 and later wrote a book "Do Fish Feel Pain?" published in 2010 which garnered a huge amount of attention both within in the scientific community and the general public.

In my time working with Victoria, it was her capacity to manage a lab and juggle her family commitments simultaneously that was most impressive. I really didn't come to fully appreciate just how difficult that task is until I had three kids of my own. She managed to continue to do great science and raise a family.

Victoria moved to Penn State in the US where she was professor of fisheries and biology, held the Dorothy & Lloyde Huck Chair in Behavioural Biology and continued her work on fish welfare and behaviour.

Her legacy will be the inspiration she provided to the animal behaviour and welfare community and to the trillions of fish who's lives will ultimately benefit every year from her research outcomes.

> Prof Culum Brown Macquarie University Australia

SBE2020

International Society for Behavioral Ecology Congress 2020

27 September – 2 October 2020 MELBOURNE AUSTRALIA

PLENARY SPEAKERS



Professor Ashleigh Griffin Oxford University, United Kingdom



Professor Shinichi Nakagawa University of New South Wales, Australia

HAMILTON LECTURE



Professor John A. Endler Deakin University, Australia

KEY DATES

CALL FOR ABSTRACTS OPENS REGISTRATION OPENS Call for Abstracts closes Early Bird Registration deadline Wednesday 2 October 2019 Monday 3 February 2020 Monday 2 March 2020 Tuesday 26 May 2020



Professor Florian Schiestl

University of Zurich, Switzerland

Professor Roxana Torres Universidad Nacional Autónoma de México, Mexico



Professor Claire Spottiswoode

University of Capetown, South Africa

Dr Maren Vetousek Cornell University, USA



DESTINATION SPONSORS







Register your interest now at www.isbe2020.com



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ISBE 2020 MELBOURNE AUSTRALIA

The call for abstracts is now open for the 18th International Society for Behavioral Ecology Congress, which will take place from Sunday 27 September to Friday 20 October 2020 in Melbourne, Australia. Further information is available at: www.isbe2020.com

Why Melbourne?

The congress been timed to showcase the very best of Melbourne – and Australasia more generally.

Late September to early October is spring in Melbourne which is an exciting time to visit. The city comes alive with food festivals, art shows, theatre, markets, sport and lots more.

Melbourne is widely regarded as the cultural and sporting capital of Australia. The city and surrounds are a haven for foodies, wine lovers, and coffee connoisseurs, with some of the best restaurants, wineries and cafes in the country. Melbourne is also home to world class museums and art galleries, botanical gardens, zoos, and parklands. It is famous for its laneways, with plenty of street art and hidden bars for you to explore. Sports fans might consider visiting the Melbourne Cricket Ground, walk the Australian Grand Prix race track at Albert Park, or soak up the atmosphere of the Australian Rules Football League grand final, which will be taking place just prior to the start of the conference.

Those interested in nature will also have plenty to discover nearby, from cool temperate rainforests and some of the world's tallest trees (mountain ash forests) to alpine grasslands and spectacular coastlines. These environments are home to some of Australia's most iconic native animals, including koalas, kangaroos, wombats, emus, lyrebirds, parrots and platypus. There is even a resident penguin colony at St Kilda Pier, which is a short tram ride from the convention centre.



Photo: Patrick Tomkins

For further information and ideas on what to see and do in Melbourne and Victoria, see: www.visitvictoria.com

The congress venue

ISBE2020 will be held in the modern Melbourne Convention and Exhibition Centre (MCEC) located in the heart of the city and adjacent to the Yarra River. The MCEC is easily accessible by foot, public transport, bike and car and is surrounded by cafes, restaurants and bars – the nearest only a 40 seconds walk from the MCEC's entrance. A wide range of accommodation is within easy walking distance.

Setting new world benchmarks, the MCEC was the first convention centre awarded a '6 Star Green Star' environmental rating by the Green Building Council of Australia.

Scientific program

We have an outstanding scientific program planned and have already secured an amazing line up of plenary speakers from around the world:

- Prof Ashleigh Griffin
- Prof Shinichi Nakagawa
- Prof Florian Schiestl
- Prof Claire Spottiswoode
- Prof Roxana Torres
- Dr Maren Vitousek

ISBE's highest honour, the Hamilton Lecture, will be delivered by Prof John Endler, Deakin University, Australia.

For further information, please see: www.isbe2020.com/program/

Diversity and inclusion

We are committed to delivering an inclusive experience for our delegates.

We will have onsite childcare services available free of charge to facilitate attendance by delegates with families or carer responsibilities. For further information, see:

www.isbe2020.com/congress-info/onsite-creche/

The International Society for Behavioral Ecology will be offering travel grants to support attendance by students and early career researchers, as well as delegates from developing nations. See page 6.

We will also be adopting several key initiatives introduced at the ISBE 2018 Congress, including mentoring, diversity in STEM, and LGBTQI events and networking opportunities. Further information will be provided on the ISBE 2020 website in due course.

Commitment to sustainability

ISBE 2020 is exploring a range of initiatives and has set up a sustainability page on our website, which will be updated in the lead up to the Congress. For further information, see:

www.isbe2020.com/congress-info/sustainability/

Key dates

Call for abstracts opens:	Wed 2 October 2019
Registration opens:	Mon 3 February 2020
Call for abstracts closes:	Mon 2 March 2020
Early bird registration deadline:	Tue 26 May 2020

Local Organising Committee, ISBE2020 Bob Wong, Devi Stuart-Fox, Andy Bennett @ISBE2020

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ISBE 2020 TRAVEL AWARDS

ISBE will once again offer travel awards to defray the cost of transportation to our biennial conference.

PhD. students and post-docs (including recent PhD's in temporary teaching positions) from any country are eligible to apply, as well as faculty/staff whose home institutions are located in developing nations. Award applications will be accepted from February 3, 2020 to March 2, 2020; details on how to apply will be provided on the conference website: www.isbe2020.com

Funding is competitive, with priority given to individuals whose talks/posters are likely to have the greatest impact on the field of behavioral ecology. Awards will be distributed at the meeting as checks payable in US dollars.

> Professor Trish Schwagmeyer ISBE Treasurer

2019 ISBE TREASURER'S REPORT

The Society's financial transactions for 2018 are summarized below, along with information on our 12/31/2018 account balances. Most of our major expenditures in 2018 were related to the Minneapolis conference, with travel awards being our single largest expense. Our income from the journal was roughly the same as what we'd received in 2017. Member dues declined, but that's not surprising given that these were dues paid in 2017, a non-meeting year. The 2018 switch to two-year memberships should help stabilize our membership income, and we hope it also will facilitate greater participation in the society. Finally, our fund balances at Vanguard showed a hefty decline in share prices at the end of the year – December 2018 was a particularly bad month for U.S. stocks. However, we have a relatively conservative stock/bond allocation and our investments are diversified, so we are somewhat protected from market volatility.

Professor Trish Schwagmeyer ISBE Treasurer

2017 Ending Balance			\$754,781.49
	2018 Income	2018 Expense	
Postage Wire transfer fees Archivist honorarium 2017-2018 Website maintenance Newsletter editor honorarium 2017-18 Office supplies & copying (travel awards) Legal fees Executive Council meeting travel Editor meeting travel Travel awards Other meeting costs (net) VG gains/losses in share prices 2017 ISBE membership fees 2017 BE profit share VG dividend and interest income	\$9,828.00 \$171,123.00 \$16,004.58	\$72.79 \$220.00 \$750.00 \$402.60 \$1,500.00 \$144.62 \$2,210.00 \$19,846.60 \$7,455.00 \$146,100.00 \$22,756.78 \$28,972.32	
2018 Ending Balance (transactions) BOA checking account VG Federal Money Market VG Tot Int Bond Index VG Int Stock Index VG Tot Bond Market Index VG Tot Stock Market Index	\$196,955.58	\$230,430.71	\$721,306.36 \$68,281.31 \$220,177.26 \$71,195.62 \$75,864.27 \$161,066.23 \$124,721.67
2018 Ending Balance (accounts)			\$721,306.36

CONFERENCE CALENDAR

ASAB Winter Meeting

Theme: The social environment as a driver of behavioural plasticity within & between generations. December 5-6, 2019 at the London Zoo https://asabwinter2019.weebly.com/

4th GRC on Predator-Prey Interactions

January 26-31, 2020, Ventura, CA USA. https://www.grc.org/predator-prey-interactionsconference/2020/ more information on page 8

9th World Congress of Herpetology

January 5 – 10, 2020 in Dunedin New Zealand www.worldcongressofherpetology.org/

15th Annual Meeting of the Ethological Society

February 19-20, 2020, Tuebingen, Germany. http://www.etho2020.de/

European Evolution and Human Behaviour Association (EHBEA) Conference April 1-4, 2020, Krakow, Poland.

http://ehbea.com/conf/ehbea-2020/

British Ornithology Union Annual Conference

April 7-9, 2020 Theme: Restoring bird populations University of Nottingham, UK https://www.bou.org.uk/bou-conferences/

ASAB Easter Meeting 2020

April 15-17 2020 in Swansea

7th International Eurasian Ornithology Congress (IEOC 2020)

April 22-26 2020 at Ege University, İzmir, Turkey. https://ornithologylab.com/ieoc2020izmir

Society for the Study of Evolution: EVOLUTION 2020

June 19-23 Cleveland, Ohio, USA. https://www.evolutionmeetings.org/

Human Behavior and Evolution Society (HBES) conference

June 24-27, 2020. Detroit, Michigan, USA. http://www.hbes.com/conference/

International Society for Human Ethology (ISHE)

July 6-10 2020 in Liverpool, UK. http://ishe.org

International Congress of Neuroethology July 26-31, 2020 in Lisbon, Portugal

http://neuroethology2020.com/

Animal Behavior Society (ABS) Conference

July 30 - August 3, 2020 The University of Tennessee, Knoxville, USA https://www.animalbehaviorsociety.org/

International Society for Applied Ethology (ISAE) Congress

August 3-7, 2020 Bangalore, India. www.applied-ethology.org

7th North American Ornithological Conference

August 10-15, 2020, San Juan, Puerto Rico https://naocbirds.org/





September 27 - Oct 2, 2020 in Melbourne Australia. More information on page 4-6. Follow @ISBE2020 on Twitter for updates. http://www.isbe2020.com/ Abstract submission is now open: www.isbe2020.com/program/call-for-abstracts/

British Ornithology Union Annual Conference

March 30 - April 1, 2021 Theme: Avian reproduction University of Nottingham, UK https://www.bou.org.uk/bou-conferences/

European Society for Evolutionary Biology (ESEB) Congress

August 22–27, 2021 in Prague, Czech Republic. https://www.eseb2021.cz/

International Society for Applied Ethology (ISAE) Congress

6-10 September, 2021. Republic of North Macedonia www.applied-ethology.org

International Union for Social Insects

XIX IUSSI International Congress 2022 San Diego, California, USA www.iussi.org/meetings.html

PREDATOR-PREY CONFERENCE

The registration for the 4th GRC on Predator-Prey Interactions is now open. It will take place from January 26-31, 2020, in Ventura Beach, California.

The maximum number of attendees allowed by the GRC Board of Trustees is 200. So, don't miss your chance to come, share your research (everyone is invited to present a poster) and mingle with the bests in the field. It is fantastic to have a conference dedicated to the topic we love, attended by most of the people we cite!

We have also kept open spots in the program for three 15-min 'poster talks', that will be selected among the abstracts submitted.

Registration fees have also been posted by the GRC staff: we will be looking at US\$ 1415 for a single room, or US\$ 1180 for a shared one. You can specify the name of the person you wish to share the room with during the registration process. These fees encompass your registration, your accommodation and your food for the duration of the conference.

If you require a letter of invitation to obtain a Travel Visa, you can download one from your MyGRC account. You are encouraged to apply as early as possible, as the visa review process can take 6-8 weeks or even longer depending on your country of origin.

On the conference website, you will find information about the venue, travel to get there, registration, financial aid, posters, etc. And if you have unanswered questions, please feel free to contact the Chairs Ajai Vyas or Maud Ferrari.

Please share this announcement widely! We are looking forward to seeing you there!

Chairs.

Maud Ferrari, University of Saskatchewan, Canada Ajai Vyas, Nanyang Technological Univ., Singapore



Website: www.grc.org/predator-prey-interactionsconference/2020/

CURRENT ZOOLOGY SPECIAL ON SEXUAL SELECTION

The Current Zoology journal is preparing a Special Column on

Sexual selection and environmental change.

We are currently soliciting manuscript contributions for this issue. The deadline for abstracts is February 29, 2020.

Issue Information

Human-induced environmental changes are the most significant threat to biodiversity in the 21st century. Rapid changes in environmental conditions impose novel selection pressures on organisms and increase the risk of population extinction. Understanding what affects the capacity of populations to adapt to environmental change is now one of the most important issues in ecology and evolutionary biology. The role of sexual selection in influencing a population's ability to cope with environmental change has been a topic of increasing interest in recent years. In addition, there is accumulating evidence that environmental change may influence the strength and/or direction of sexual selection in natural populations. The aim of this Special Column is to highlight new insights on these potential feedback loops and complex interactions between sexual selection and environmental change. We are thus interested in studies that investigate (i) how environmental change may influence sexual selection and/or (ii) how sexual selection may influence adaptation to environmental change. Empirical and theoretical studies are welcome.

Researchers interested in contributing to this special column should send a title and abstract to the guest editors. Manuscripts should be submitted before the deadline. Manuscripts received after the deadline will be considered as submissions for regular issues.

Submitted papers should not have been published previously, nor be under consideration for publication elsewhere. Submitted manuscripts are accepted with the understanding that they are subject to peer review and editorial revision. Publication is free of page charges. All articles are available for readers to find and read for free online complying with the Open Access policies of many research funding bodies.

> Natalie Pilakouta University of Aberdeen, UK

Website: https://academic.oup.com/CZ/pages/sexualselection-and-environmental-change

FIELD HERPETOLOGY OF THE SOUTHWEST

Where: Southwestern Research Station When: 28 July – 6 August, 2020

This 9-day course will introduce participants to an outstanding diversity of amphibians and reptiles of Arizona's Chiricahua Mountains and surrounding deserts.

Labs and lectures will focus on identification and ecology of herps. The majority of time will be spent

in the field, hiking through low and high elevation habitat.

For more information about the course, contact Geoffrey Bender. Ph: +1, 520-558-2396; email: gbender@amnh.org

http://www.amnh.org/our-research/southwesternresearch-station/education/ field-herpetology-of-the-southwest





ZUK CONGRATULATED

Honor for Prof. Marlene Zuk

One of ISBE's long standing leaders and awardees, Prof. Marlene Zuk, of the University of Minnesota, was recently elected to be a member of the USA National Academy of Sciences for its 2019 cohort. According to the Academy's own words, "members are elected to the National Academy of Sciences in recognition of their distinguished and continuing achievements in original research. Membership is a widely accepted mark of excellence in science and is considered one of the highest honors that a scientist can receive."

The Academy includes both USA-based members and foreign affiliates, and includes behavioral ecologists from the fields of microbial theoretical, and evolutionary biology, environmental sciences, genetics, and bioanthropology. Each year no more than a handful of evolutionary biologists are elected by the members of the Academy itself.

Prof. Zuk's accomplishments, leading to her election, include an impactful research record in the fields of animal signal evolution and sexual selection, with over 15,000 citations garnered. Marlene Zuk has also been an ambassador for our particular field of science, and for diversity in academe, as well as the author of several books written for the general public on major themes of behavioral ecology, including mating systems and foraging ecology.

Congratulations, Marlene!

Mark E Hauber University of Illinois, Urbana-Champaign, IL, USA



BOOKS FOR REVIEW

If you are interested in receiving **and** reviewing any of these books, **or some other book** suitable for this Newsletter, please email the newsletter editor: andreas.svensson@lnu.se. Please include your postal address. The due date for review in the next edition of the Newsletter is Feb 29, 2020.

Available from Oxford University Press

Book title

Perturbation, Behavioural Feedbacks, and Population Dynamics in Social Animals (2020) Oro Urban Evolutionary Biology (2020) Animal Physiology: an environmental perspective (2020) The Rules of the Flock: Self-Organization & Swarm Structure in Animal Societies (2020) Satz Islands and Snakes: Isolation and Adaptive Evolution (2019) Animal Behavior: 11th edition (2019) Anthrozoology - Human-Animal Interactions in Domesticated and Wild Animals (2019) Behavioral Neurobiology - An integrative approach 3rd ed. (2019) Animal Physiology: an environmental perspective (2018) Anthrozoology: human-animal interactions in domesticated and wild animals (2018) Sexual Selection: A Very Short Introduction (2018) Insect Behavior: From Mechanisms to Ecological and Evolutionary Conseq. (2018) Animal Locomotion, Second Edition (2018) The Spaces Between Us: A Story of Neuroscience, Evolution, and Human Nature Animal Behavior - Concepts, Methods, and Applications 2nd ed. (2017) Animal Behaviour: A Very Short Introduction (2017) Animal Vocal Communication: Assessment and Management Roles 2nd ed (2017) Biology and Conservation of Musteloids (2017) Bonobos - Unique in Mind, Brain, and Behavior (2017) Cultural Evolution - Conceptual Challenges (2017) Kalahari cheetahs - Adaptations to an arid region (2017)

Available from Cambridge University Press Book title

The Chimpanzees of the Taï Forest - 40 Years of Research (2019) Field and Laboratory Methods in Animal Cognition: A Comparative Guide (2018) Oxytocin, Vasopressin and Related Peptides in the Regulation of Behavior (2018) Bird Song - Biological Themes and Variations, 2nd ed. (2018) Species Conservation: Lessons from Islands (2018) Wild Chimpanzees: Social Behavior of an Endangered Species (2018) Behavioural Neuroscience (2018) Cephalopod Behaviour, 2nd ed. (2018) The Study of Behavior - Organization, Methods, and Principles (2017) Animal Experimentation: A Guide to the Issues (2017) Beyond Sex Differences - Genes, Brains and Matrilineal Evolution (2017) Avian Cognition (2017) Animal Vocal Communication - Assessment and Management Roles 2nd ed.(2017)

Available from Wiley

Genes and Behaviour: Beyond Nature-Nurture. (2019), Hosken, Hunt & Wedell (Editors)

Available from Chicago University Press

Zebra Stripes (2017), by Caro

Available from Royal Society publishing

Adult sex ratios and reproductive strategies: a critical re-examination of sex differences in human and animal societies. (2017) Eds: Schacht, Kramer, Székely & Kappeler

Interdisciplinary approaches for uncovering the impacts of architecture on collective behaviour (2018). Eds: Pinter-Wollman, Fiore, Theraulaz & Penn.

by Szulkin et al. Butler et al. Lillvwhite & Martins Rubenstein & Alcock Hosey & Melfi Zupanc Butler et al. Hosey & Melfi Zuk & Simmons Córdoba-Aquilar et al. **Biewener & Sheila Patek** Graziano Nordell & Valone Wyatt Morton Macdonald Hare & Yamamoto Lewens Mills & Mills

by Boesch & Wittig Bueno-Guerra & Amici Choleris et al. Catchpole & Slater Jamieson et al. Arcadi Commins Hanlon & Messenger Hogan Monamy Keverne ten Cate & Healy Morton