

This is the second edition of a termly newsletter celebrating our Fellowship's achievement and profile. In this communication, we feature the work and the engagement of Girton's Fellows across disciplines. In the recent months, **no less than 10 books were published** by the Girton Fellowship – a testament to our diverse and rich intellectual contribution!

We have tried to include as many items as we could, but we are very likely to miss a number of Fellows' productions. Please email us as often as needed to signal any new research, book, cultural production, or media engagement.

Thank you! We look forward to seeing you in person again very soon and we hope you enjoy the read!

Liliana Janik (lj102@cam.ac.uk) & Thomas Roulet (tr440@cam.ac.uk)

Fellow's spotlight: Helen Van Noorden – *visiting the Aarhus Institute of Advanced Studies*



Helen Van Noorden has been awarded a two-year Associate Professorship/ AIAS-COFUND Research Fellowship at the Aarhus Institute of Advanced Studies, which started in October 2020. She will be working on a book about the Jewish-Greek collection of Sibylline Oracles (composed and compiled c.2nd century BCE- 2nd century CE) which are an intriguing cross-cultural blend of ethics and eschatology, very much texts for our anxious times!

Helen notes that this Institute warmly encourages visiting scholar seminars in a Monday afternoon series, so if any of our Girton colleagues could envisage fitting in a trip to Aarhus in 2021 or 2022 and would like to present research with interdisciplinary aspects to another College-like environment, please do contact Helen.

Fellows' recent publications and academic contributions

Articles:

- By **David Arvidsson-Shukur**

2020 'Quantum Advantage in Postselected Metrology' (co-authored). *Nature Communications*, 11, 3775, (2020) <https://www.nature.com/articles/s41467-020-17559-w>

- By **Frances Brill**.

2020. Towards a pluralistic understanding of Chinese homeowners: the case of 'ordinary' buyers. *Geoforum*. <https://www.sciencedirect.com/science/article/pii/S0016718520302438>

- By **Nik Cunniffe**

Zaffaroni, M., Cunniffe, N.J. and Bevacqua, D. An ecophysiological model of plant-aphid interactions: the role of nutrient and water availability. Accepted for publication in *Journal of the Royal Society: Interface*. Preprint available online at <https://doi.org/10.1101/807941>.

Mastin, A.J., Gottwald, T.R., van den Bosch, F., Cunniffe, N.J.* and Parnell, S.R.* Optimising risk-based surveillance for early detection of invasive plant pathogens. Accepted for publication in *PLOS Biology*. Preprint available online at <https://doi.org/10.1101/834705>. (* equal senior authorship).

Thompson, R.N., Hollingsworth, D., Isham, V., Arribas-Bel, D., Ashby, B., Britton, T., Challenor, P., Chappell, L.H.K., Clapham, H., Cunniffe, N.J., Dawid, A.P., Donnelly, C.A., Eggo, R., Funk, S., Gilbert, N., Gog, J.R., Glendinning, P., Hart, W.S., Heesterbeek, H., House, T., Keeling, M., Kiss, I.Z., Kretzschmar, M., Lloyd, A.L., McBrydge, E.S., McCaw, J.M., Miller, J.C., McKinley, T.J., Morris, M., O'Neill, P.D., Pearson, C.A.B., Parag, K.V., Pellis, L., Pulliam, J.R.C., Ross, J.V., Tildesley, M.J., Tomba, G.S., Silverman, B.W., Struchiner, C.J., Trapman, C.J., Webb, C.R., Mollison, D. and Restif, O. Key Questions for Modelling COVID-19 Exit Strategies. *Proceedings of the Royal Society, B*. 287:20201405.

[43] Donald, F., Green, S., Searle, K., Cunniffe, N.J. and Purse, B.V. Small scale variability in soil moisture drives infection of vulnerable juniper populations by an invasive forest pathogen. *Forest Ecology and Management*. 473:118324.

Watkinson-Powell, B.M., Gilligan, C.A. and Cunniffe, N.J. When does spatial diversification usefully maximise the durability of crop disease resistance? Accepted for publication in *Phytopathology*. Available online in advance at <https://doi.org/10.1094/PHYTO-07-19-0261-R>

Cunniffe, N.J. and Gilligan, C.A. Using mathematical models to predict epidemics and to optimise disease detection and management. Chapter 12 in *Emerging Plant Diseases and Global Food Security* (APS Press; ISBN 978-0-89054-637-6). Editors: Ristaino, J. B. and Records, A.R.

Thompson, R.N. and Cunniffe, N.J. Probability of detection of SARS-CoV-2 in saliva. *Statistical Methods in Medical Research*. 29:1049-1050.

Bussell, E.H. and Cunniffe, N.J. Applying optimal control theory to a spatial simulation model of sudden oak death: ongoing surveillance protects tanoak whilst conserving biodiversity. *Journal of the Royal Society: Interface*. 17:20190671.

Laranjeira, F., Suely, S., Murray Watson, R., Soares, A., Santos-Filho, H. and Cunniffe, N.J. Spatiotemporal dynamics and modelling support the case for area-wide management of citrus greasy spot in a Brazilian smallholder farming region. *Plant Pathology*. 69:467-483.

Tungadi, T., Donnelly, R., Ling, Q., Iqbal, J., Murphy, A.M., Pate, A.E., Cunniffe, N.J. and Carr, J.P. Cucumber mosaic virus 2b proteins inhibit virus-induced aphid resistance in tobacco. *Molecular Plant Pathology*. 21:250-257.

Carr, J.P., Tungadi, T., Donnelly, R., Bravo-Cazar, A., Rhee, S.-J., Watt, L.G., Mutuku, J.M., Wamonje, F.O., Murphy, A.M., Arinaitwe, W., Pate, A.E., Cunniffe, N.J. and Gilligan, C.A. Modelling and manipulation of aphid-mediated spread of non-persistently transmitted viruses. *Virus Research*. 277:197845.

- **By Mia Gray**

2020. When machines think for us: the consequences for work and place (co-authored) Cambridge Journal of Regions, Economy and Society, Volume 13, Issue 1, March 2020, Pages 3-23

- **By Alex Liu**

Mitchell, E.G., Bobkov, N., Bykova, N., Dhungana, A., Kolesnikov, A.V., Hogarth, I.R.P., Liu, A.G., Mustill, T.M.R., Sozonov, N., Rogov, V.I., Xiao, S. and Grahdankin, D.V. (2020)

The influence of environmental setting on the community ecology of Ediacaran organisms.

Interface Focus, 10(4), 20190109, doi:10.1098/rsfs.2019.0109

Wood, R., Donoghue, P.C.J., Lenton, T.M., Liu, A.G., and Poulton, S.W. (2020)

The origin and rise of complex life: progress requires interdisciplinary integration and hypothesis testing.

Interface Focus, 10(4), 20200024, doi: 10.1098/rsfs.2020.0024

- **By Linda Layne**

2020 'Second Generation American and British Gay Dad Memoirs of Adopting: How Things Have Changed' Reproductive Biomedicine and Society. <https://doi.org/10.1016/j.rbms.2019.10.003>

- **By Dorothy Thompson**

'Foundation deposits from third-century BC Egypt', in The Epigraphy of Ptolemaic Inscriptions, ed. Alan Bowman and Charles Crowther. Oxford Studies in Ancient Documents. Oxford, Oxford University Press 2020, 94-113.

- **By Ruth Warren**

Mammographic density change in a cohort of premenopausal women receiving tamoxifen for breast cancer prevention over 5 years. Breast Cancer Research

- **By Samantha Williams**

'Paupers Behaving Badly: Punishment in the Victorian Workhouse', Journal of British Studies 59 (October 2020): 764-792.

Books:

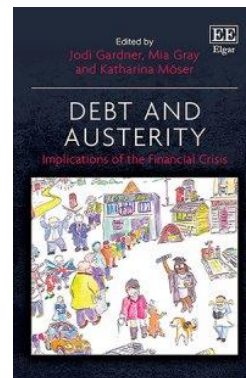
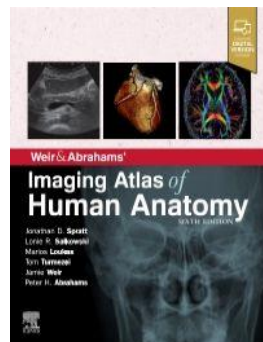
By Peter Abrahams

2020. Imaging Atlas of the Human Anatomy. Elsevier (with collaborators)

https://www.amazon.co.uk/Abrahams-Imaging-Atlas-Human-Anatomy/dp/070207926X/ref=sr_1_2?dchild=1&qid=1602257484&refinements=p_27%3APeter+H.+Abrahams+MBBS++FRCS%28ED%29++FRCR++DO%28Hon%29++FHEA&s=books&sr=1-2&text=Peter+H.+Abrahams+MBBS++FRCS%28ED%29++FRCR++DO%28Hon%29++FHEA

By Mia Gray

2020. Debt and Austerity: Implications of the Financial Crisis (edited volume, including a chapter by the Mistress). https://www.elgar.com/shop/gbp/catalog/product/view/ignore_category/1/id/16693/s/debt-and-austerity-9781839104343/



By Malcolm Guite

2020. Heaven in Ordinary: A Poet's Corner Collection. Canterbury Press.

<https://canterburypress.hymnsam.co.uk/books/9781786222626/heaven-in-ordinary>

And in collaboration with artist Richard Wagner:

2020. Quarantine Quatrains: a New Rubaiyat. Oxford Parchment Press

By Arik Kershenbaum

2020. The Zoologist's Guide to the Galaxy: What Animals on Earth Reveal about Aliens. Penguin books.

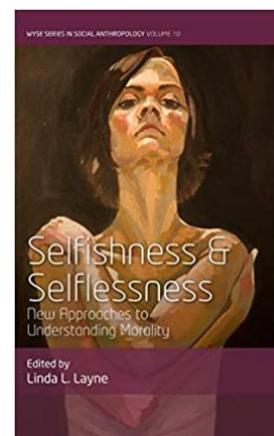
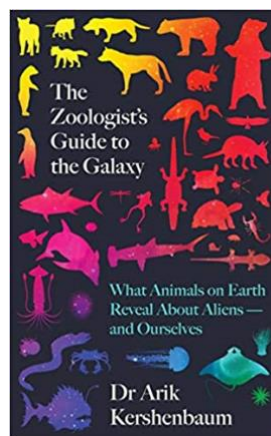
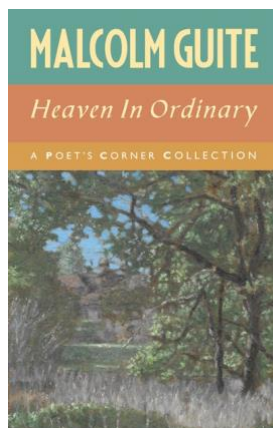
<https://www.penguin.co.uk/books/314/314542/the-zoologist-s-guide-to-the-galaxy/9780241406793.html>

- The Times review, 10 October - here: <https://www.thetimes.co.uk/article/the-zoologist-s-guide-to-the-galaxy-by-arik-kershenbaum-review-do-aliens-have-opposable-thumbs-hq30c0rgs>
- Daily Star interview, 27 September: <https://www.dailystar.co.uk/news/aliens-could-just-like-humans-22702878>
- Ireland's The Sunday Post Q&A, 25 September: <https://www.sundaypost.com/fp/life-jim-but-not-as-we-know-it-the-science-of-what-et-could-look-like/>
- Dazed interview, 16 September (and also featured as lead story in their newsletter on the same day): <https://www.dazeddigital.com/science-tech/article/50475/1/is-there-really-alien-life-on-venus-an-expert-weighs-in>
- New Scientist - inclusion in best books of September feature, 16 September: <https://www.newscientist.com/article/mg24733000-600-dont-miss-the-zoologists-guide-to-the-galaxy/>

- Sunday Times review, 13 September – attached and link here: <https://www.thetimes.co.uk/article/the-zoologist-s-guide-to-the-galaxy-by-arik-kershenbaum-review-do-aliens-have-opposable-thumbs-hq30c0rgs>
- Foyles blog post & included in Foyles' newsletter on publication day, 24 September: <https://www.foyles.co.uk/blog-arik-kershenbaum>
- Guardian feature on alien life, 5 September – contribution from Arik, with credits for The Zoologist's Guide to the Galaxy: <https://www.theguardian.com/science/2020/sep/05/are-aliens-hiding-in-plain-sight>

By Linda Layne

2020, *Selfishness and Selflessness: New Approaches to Understanding Morality* Layne ed. WYSE Series in Social Anthropology. Oxford: Berghahn Press. <https://www.berghahnbooks.com/title/LayneSelfishness>



By Simone Maghenzani

2020. *British Protestant Missions and the Conversion of Europe, 1600–1900* (with Stefano Villani). Routledge.

<https://www.routledge.com/British-Protestant-Missions-and-the-Conversion-of-Europe-16001900/Maghenzani-Villani/p/book/9780367198510>

By Stephen Robertson

2020, *B C, Before Computers: On Information Technology from Writing to the Age of Digital Data*, Open Book Publishers, 2020. ISBN Paperback: 9781800640290

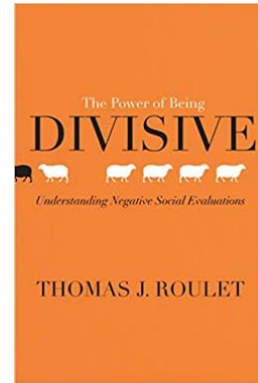
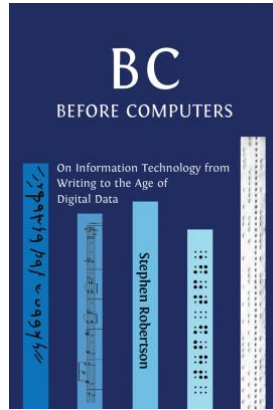
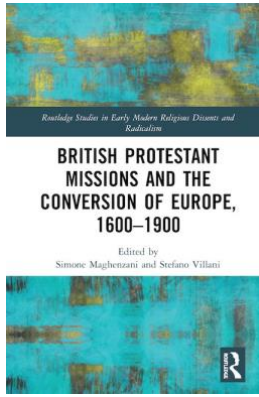
<https://www.openbookpublishers.com/product/1232>

By Thomas Roulet

2020. *The Power of Being Divisive: Understanding Negative Social Evaluations*. Stanford University Press.

Reviewed:

<https://www.ft.com/content/98c593e8-3bc9-407d-83e6-39b6c0243bd5>



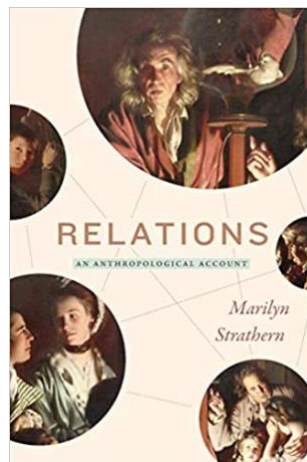
By Marilyn Strathern

2020. Relations: An Anthropological Account. Duke University Press.

Reviewed:

http://rorotoko.com/interviewee/strathern_marilyn

http://rorotoko.com/interview/20200408_strathern_marilyn_on_book_relations_anthropological_account

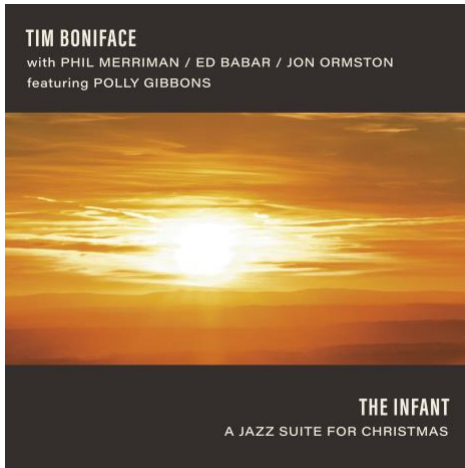


Talks:

By Martin Ennis

Relocating Brahms's 'glorious nation': new light on the origins of the *Fest- und Gedenksprüche*, Op. 109 at the 2020 conference of the SMI (Society for Musicology in Ireland) on Thursday 29 October.

Music & Culture



Rev'd **Tim Boniface** 'The Infant: A Jazz Suite for Christmas' (2019, CD). An original suite for Jazz Quartet, 'The Infant' is an original exploration of the Christmas story, taking inspiration from the speech by the different characters in Luke's gospel. Alongside Tim (saxophones), The Infant features Phil Merriman (piano), Ed Babar (double bass), Jon Ormston (drums) with a special guest appearance from jazz star Polly Gibbons (vocals). Available on CD at www.timboniface.co.uk/shop or in person.

Reviews: "Tuneful, sincere and exciting... fine music" (Brian Case); "Bursting with invention and passion... beautiful and uplifting" (Will Todd).

Martin Ennis - will be giving two concerts in Hampshire on 23 & 24 October with the London Mozart Players. He shall be playing harpsichord. The conductor will be Sir Karl Jenkins, and the soloist is the up-and-coming violin virtuoso, Shoshanah Sievers.

Gillian Jondorf - English surtitles for a semi-staged performance in Polish of excerpts from the 19th-century Polish epic *Pan Tadeusz*, directed by Professor Patrick Boyde and performed in February 2020 by members of the Polish community in Cambridge. As *Thaddeus: love and dalliance in time of war* this has been published as a DVD (Astra Communication 2020) and on YouTube at <https://youtu.be/9bPaZv3WWRE>

