

Joseph A.Bulbulia

Professor, School of Psychology
Faculty of Science
Victoria University of Wellington, New Zealand
Research Associate, Max Planck Institute for the Science of Human History,
Kahlaische Strasse 10 D-07745 Jena,
Germany

Contact

eml: joseph.bulbulia@vuw.ac.nz
URL: <https://josephbulbulia.netlify.app>
orcid::<https://orcid.org/0000-0002-5861-2056>

Work

2020 → Professor of Psychology, Victoria University, New Zealand
2018→2020 Maclaurin Goodfellow Chair, School of Humanities, The University of Auckland
2000→2017 Lecturer→Senior Lecturer→Reader→Professor of Religion, Victoria University

Specialisations

Longitudinal Psychology; Evolutionary Dynamics; Religion; Rituals; Beliefs; Causal Inference.

Education

2001 Princeton University, Ph.D.
1997 Princeton University, M.A.
1993 Harvard University, M.T.S.
1990 Holy Cross, A.B. (Phi Beta Kappa)

Service/Appointments

2022→ Director [Centre for Applied Cross-Cultural Research, Victoria University](#)
2019→ Appointment: Research Associate, [Max Plank Institute for the Science of Human History](#)
2018→ Appointment: Advisory Board: Templeton Religion Trust: Social Consequences of Religion Initiative:

2018→2020 Appointment Maclaurin Goodfellow Chair, University of Auckland
2014→ Co-editor: [Religion Brain & Behavior](#)
2014→2016 President: [International Association for the Cognitive Science of Religion](#)
2012→2014 President Elect: [International Association for the Cognitive Science of Religion](#)
2013→ Editorial Advisory Board: [Zygon: Journal of Religion and Science](#)
2011→ Editorial Advisory Board: [Journal of The Cognitive Science of Religion](#)
2010→2012 Secretary General (elected): [International Association for the Cognitive Science of Religion](#)
2010→2014 Editorial Advisory Board: [Religion, Brain & Behavior](#)
2010→2012 Advisor: [The Adaptive Logic of Religious Belief and Behaviour Group](#)
2006→ Distinguished Fellow: [Religion Cognition and Culture Group, Aarhus University](#)
2006→2010 Executive Committee (elected): [International Association for the Cognitive Science of Religion](#)
2006 Gæsteprofessor: [Religion, Cognition, Culture Group: Aarhus University](#)
1996→1999 Assistant Master, Stevenson Hall: Princeton University

Awards

2016	Victoria University Research Excellence Award
2000	Faculty Fellowship, Stevenson Hall: Princeton University
1996	Melon Fellowship: Princeton University
1996	Bowen Merit Award: Princeton University
1990	Flatly Award (top philosophy graduate): Holy Cross

Grants

Career awards as PI: NZD 13,301,421

2022	J. Bulbulia (PI): TRT0418: New Zealand Attitudes and Values Study Matching Grant: NZD 4,706,119.
2021	J. Bulbulia (PI): Extension grant Templeton Religion Trust (TRT0196): quantifying the dynamic interplay between virtue and human flourishing: a national-scale longitudinal study, NZD 771,964.
2021	Quentin Atkinson (PI), Russell Gray (AI), Joseph Bulbulia (AI) Deep cultural ancestry and the fortunes of nations. Marsden 3721245 20-UOA-123 NZD 869,000
2020	J. Bulbulia (AI) with J. Shaver (PI): The Longitudinal Study of Cohesion and Conflict: Testing Hypotheses of Social and Religious Change in Fiji Marsden 19-UOO-090, NZD 300,000
2018	J. Bulbulia (PI): Quantifying the dynamic interplay between virtue and human flourishing: a national-scale longitudinal study, Templeton Religion Trust (TRT0196): NZD 4,596,114.
2017	J. Bulbulia (consultant): High Fertility and Child Flourishing: The Success of Religions, Sir John Templeton Foundation: USD 82,404.
2016	J. Bulbulia (consultant): The Religious Replication Project: Using Pre-registered Replications and Bayesian Statistics to Improve the Experimental Study of Religion, Sir John Templeton Foundation: USD 215,000.
2016	J. Bulbulia (AI), Justin McBrayer Fort Lewis College USA (PI), Explaining Religion: A Planning Grant, Sir John Templeton Foundation: NZD 208,343.15.
2013	J. Bulbulia (PI), The Social Consequences of Religion. , Royal Society of New Zealand Marsden NZD 769,000
2013	J. Bulbulia (PI), C. G. Sibley (PI), and G. Troughton (AI) The Personal Consequences of Religion, Templeton World Charity Foundation (TWCF0077): NZD 614,816.
2013	J. Bulbulia (PI), R. Fischer, P. Singh, S. Tewari, and R. Weiss. The interplay between religion, community making, and well-being, New Zealand India Research Institute: NZD 30,000.
2012	J. Bulbulia. :Center for Theological Inquiry, Princeton NJ: The Reverend Bayes Meets Charles Darwin visiting fellowship, USD 31,000. [Offered: not accepted owing to family reasons].
2012→2014	R. Gray (PI), S. Greenhill (PI), J. Bulbulia (AI), and Q. D. Atkinson (AI). Sir John F. Templeton Foundation: The functional role of religion in the evolution of human society: NZD 393,330.60.
2012→2014	R. Gray (PI), S. Greenhill (PI), and J. Bulbulia (AI). RSNZ Marsden: The Cultural Evolution of Religion: NZD 775,000.
2012	J. Bulbulia (PI) and R. Fischer (AI). Victoria University URF: Experimental Studies of Ritual Solidarity: NZD 40,000.
2011→2013	W. McCorkle (Director), D. Xygalatas (Director), J. Bulbulia (PI). Czech Ministry of Education, Youth and Sports. LEVYNA: Laboratory for the Experimental Study of Religion, Department for the Study of Religions at Masaryk University, Brno, Czech Republic: € 1,100,000 (NZD 1,843,409)

Publications

Selected science publications in **orange**

Selected theory publications in **green**

Selected overviews of the scientific research **purple**

References

2022

- [1] H. Eisenbarth, C. M. Hart, E. Zubielevitch, T. Keilor, M. Wilson, **J. Bulbulia**, C. G. Sibley, and C. Sedikides. Aspects of psychopathic personality relate to lower subjective and objective professional success. *Personality and Individual Differences*, 186:111340, 2022.
- [2] Hoogeveen, S., Haaf, J. M., Bulbulia, J. A., Ross, R. M., McKay, R., Altay, S., Bendixen, T., Berniūnas, R., Cheshin, A., Gentili, C., Georgescu, R., Gevais, W. M., Hagel, K., Kavanagh, C. M., Levy, N., Neely, A., Qiu, L., Rabelo, A., Ramsay, J. E., Rutjens, B. T., Turpin, H., Uzarevic, F., Wuyts, R., Xygalatas, D., & van Elk, M. (in press). The Einstein effect provides global evidence for scientific source credibility effects and the influence of religiosity. *Nature Human Behaviour*. [OSF LINK](#)
- [3] Piven, S. D., Fischer, R., Shaver, J. H., Mogan, R., Karl, J., Kesberg, R., Richardson, A., Singh, P., Tewari, S., & **Bulbulia, J.** (in press). Kiwi Diwali: A Longitudinal Investigation of Perceived Social Connection Following a Civic Religious Ritual. *Religion, Brain & Behavior*.

2021

- [4] Beheim, B., Atkinson, Q. D., Bulbulia, J., Gervais, W., Gray, R. D., Henrich, J., Lang, M., Monroe, M. W., Muthukrishna, M., Norenzayan, A., Purzycki, B. G., Shariff, A., Slingerland, E., Spicer, R., & Willard, A. K. (2021). Treatment of missing data determined conclusions regarding moralizing gods. [LINK](#) *Nature*, 595(7866), E29–E34. <https://doi.org/10.1038/s41586-021-03655-4>
- [5] **J. Bulbulia**, U. Schjoedt, J. H. Shaver, R. Sosis, and W. J. Wildman. Causal inference in regression: advice to authors. *Religion, Brain & Behavior*, 11(4):353–360, 2021 <https://doi.org/10.1080/2153599X.2021.2001259>
- [6] J. Bulbulia, W. J. Wildman, R. Sosis, and U. Schjoedt. Announcing a new type of manuscript submission: the “retake”. *Religion, Brain & Behavior*, 11(1):1–4, 2021. [LINK](#)
- [7] J. Bulbulia & Johnson, D. Can evolution make sense of fear? Lessons from Bonhoeffer and Darwin. *The Bonhoeffer Legacy: An International Journal*, 7(1 and 2), pp 59-79 2021. [LINK](#)
- [8] I. Cristofori, W. Zhong, S. Cohen-Zimmerman, J. Bulbulia, B. Gordon, F. Krueger, and J. Grafman. Brain networks involved in the influence of religion on empathy in male Vietnam war veterans. *Scientific Reports*, 11(1):1–13, 2021.
- [9] C. K. Deak, M. D. Hammond, C. G. Sibley, and J. Bulbulia. Individuals’ number of children is associated with benevolent sexism. *Plos one*, 16(5):e0252194, 2021.
- [10] A. Ejova, J. Krátký, E. Kundtová Klocová, R. Kundt, J. Cigán, S. Kotherová, J. Bulbulia, and R. D. Gray. The awe-prosociality relationship: evidence for the role of context. *Religion, Brain & Behavior*, 11(3):294–311, 2021. doi:10.1080/2153599X.2021.1940254
- [11] A. Ejova, P. Milojev, E. L. Worthington Jr, C. G. Sibley, and J. Bulbulia. Church attendance buffers against longer-term mental distress. *Religion, Brain & Behavior*, 11(2):123–138, 2021.
- [12] **B. Highland**, E. L. Worthington, D. E. Davis, C. G. Sibley, and J. A. Bulbulia. National longitudinal evidence for growth in subjective well-being from spiritual beliefs. *Journal of Health Psychology*, [LINK](#) <https://doi.org/10.1177/13591053211009280>
- [13] U. Schjoedt, W. J. Wildman, R. Sosis, and J. Bulbulia. Celebrating the uninvited. *Religion Brain & Behaviour*, 11(2):121–122, 2021.

- [14] S. Shanaah, K. Yogeeswaran, L. Greaves, J. A. Bulbulia, D. Osborne, M. U. Afzali, and C. G. Sibley. Hate begets warmth? the impact of an anti-muslim terrorist attack on public attitudes toward Muslims. *Terrorism and Political Violence*, pages 1–19, 2021.
- [15] S. Stronge, J. Bulbulia, D. E. Davis, and C. G. Sibley. Religion and the development of character: Personality changes before and after religious conversion and deconversion. *Social Psychological and Personality Science*, 12(5):801–811, 2021.
- [16] D. R. Van Tongeren, C. N. DeWall, Z. Chen, C. G. Sibley, and J. Bulbulia. Religious residue: Cross-cultural evidence that religious psychology and behavior persist following de-identification. *Journal of Personality and Social Psychology*, 120(2):484–503, 2021. [LINK](#)

2020

- [17] Sibley, C. G., Afzalib, M. U., Satherley, N., Ejova, A., Stronge, S., Yogeeswaran, K., Grimshaw, M., Hawi, D., Mirnajafi, Z., Barlow, F., Milojev, P., Greaves, L. M., Kapeli, S., Zubielevitch, E., Hamley, L., Basabas, M. C., Wu, M. H., Howard, C., Lee, C. H. J., Huang, Y., Lockhart, C., Bahamondes, J., Manuela, S., Milfont, T. L., Perry, R., Sengupta, N. K., Overall, N. C., Shaver, J. H., Troughton, G., Osborne, D., & **Bulbulia, J.** (2020). Prejudice toward Muslims in New Zealand: Insights from the New Zealand Attitudes and Values Study. *New Zealand Journal of Psychology*.
- [18] Slingerland, E., Atkinson, Q. D., Ember, C. R., Sheehan, O., Muthukrishna, M., **Bulbulia, J.**, & Gray, R. D. (2020). Coding Culture: Challenges and Recommendations for Comparative Cultural Databases. *Evolutionary Human Sciences*.
- [19] L. M. Greaves, A. Rasheed, S. D'Souza, N. Shackleton, L. D. Oldfield, C. G. Sibley, B. Milne, and J. Bulbulia. Comparative study of attitudes to religious groups in New Zealand reveals muslim-specific prejudice. *Kōtuitui: New Zealand Journal of Social Sciences Online*, 15(2):260–279, 2020.
- [20] G. Fraser, Y. Huang, K. Robinson, M. S. Wilson, J. Bulbulia, and C. G. Sibley. New zealand pet owners' demographic characteristics, personality, and health and wellbeing: More than just a fluff piece. *Anthrozoös*, 33(4):561–578, 2020.
- [21] Fraser, G., **Bulbulia, J.**, Greaves, L., Wilson, M. S., & Sibley, C. G. (2020). Coding responses to an open-ended gender measure in a New Zealand national sample. *Journal of Sex Research*.
- [22] Ejova, A., Milojev, P., Worthington Jr, E. L., **Bulbulia, J.**, & Sibley, C. G. (2020). The Big Six personality traits and mental distress: Dynamic modelling in a population panel study reveals bi-directional relationships involving Neuroticism, Extraversion and Conscientiousness. *Personality and Social Psychology Bulletin*.
- [23] Shaver, J. H., Power, E.A., Purzycki, B. G, Watts, J., Sear, R., Shenk, M. K., Sosis, R., & **Bulbulia J.** (2020). Church attendance and alloparenting: an analysis of fertility, social support and child development among English mothers. *Phil. Trans. R. Soc. B*, 375:20190428. DOI: [10.1098/rstb.2019.0428](https://doi.org/10.1098/rstb.2019.0428)
- [24] Singh, P., Tewari, S., Kesberg, R., Karl, J. A., **Bulbulia, J.**, & Fischer, R. (2020). Time investments in rituals are associated with social bonding, affect and subjective health: a longitudinal study of Diwali in two Indian communities. *Phil. Trans. R. Soc. B*, 375:20190430. DOI: [10.1098/rstb.2019.0430](https://doi.org/10.1098/rstb.2019.0430)
- [25] Sibley, C. G., Greaves, L. M., Satherley, N., Wilson, M. S., Overall, N. C., Lee, C. H. J., Milojev, M., **Bulbulia, J.**, Osborne, D., Milfont, T. L., Houkamau, C. A., Duck, I. M., Vickers-Jones, R., & Barlow, F. K. (2020). Effects of the COVID-19 pandemic and nationwide lockdown on trust, attitudes toward government, and well-being. *American Psychologist*. DOI: [10.1037/amp0000662](https://doi.org/10.1037/amp0000662)
- [26] Cohen-Zimmerman, S., Cristofori, I., Zhong, W., **Bulbulia, J.**, Krueger, F., Gordon, B., & Grafman, J. (2020). Neural underpinning of a personal relationship with God and sense of control: A lesion-mapping study. *Cognitive, Affective, & Behavioral Neuroscience*. DOI: [10.3758/s13415-020-00787-4](https://doi.org/10.3758/s13415-020-00787-4)

- [27] Grafman, J., Cristofori, I., Zhong, W., & **Bulbulia, J.** (2020). The Neural Basis of Religious Cognition. *Current Directions in Psychological Science*, 1–8. DOI: [10.1177/0963721419898183](https://doi.org/10.1177/0963721419898183)

2019

- [28] **Bulbulia, J.**, Troughton, G., Highland, B., & Sibley, C. G. (2019). A National-Scale Typology of Orientations to Religion Poses New Challenges for The Cultural Evolutionary Study of Religious Groups. *Religion, Brain & Behavior*, 1–13. DOI: [10.1080/2153599X.2019.1678516](https://doi.org/10.1080/2153599X.2019.1678516)
- [29] Stronge, S., Mok, T., Ejova, A., Lee, C., Zubielevitch, E., Yogeeswaran, K., Hawi, D., Osborne, D., **Bulbulia, J.**, & Sibley, C. G. (2019). Social Media Use is (Weakly) Related to Psychological Distress. *Cyberpsychology, Behavior, and Social Networking*, 22(9), 604–609. DOI: [10.1089/cyber.2019.0176](https://doi.org/10.1089/cyber.2019.0176)
- [30] **Bulbulia, J.**, Wildman, W. J., Schjoedt, U., & Sosis, R. (2019). Religion, In praise of descriptive research. *Religion, Brain & Behavior*, 9(3), 219–220. DOI: [10.1080/2153599X.2019.1631630](https://doi.org/10.1080/2153599X.2019.1631630)
- [31] Hawi, D., Osborne, D., **Bulbulia, J.**, & Sibley, C. G. (2019). Terrorism anxiety and attitudes toward Muslims. *New Zealand Journal of Psychology*, 48(1), 80–89.
- [32] Highland, B. R., Troughton, G., Shaver, J. H., Barrett, J. L., Sibley, C. G., & **Bulbulia, J.** (2019). Attitudes to Religion Predict Warmth for Muslims in New Zealand. *New Zealand Journal of Psychology*, 48(1), 122–132.
- [33] Mogan, R., **Bulbulia, J.**, & Fischer, R. (2019) Joint action enhances cohesion and positive affect, but suppresses aspects of creativity when combined with shared goals. *Frontiers in Psychology*, 9.
- [34] Schjoedt, U., Wildman, W. J., Sosis, R., & **Bulbulia, J.** (2019) Vikings, virtual reality, and supernatural agents in predictive minds. *Religion, Brain & Behavior*, 9(1), 1–1.
- [35] Shaver, J. H., Sibley, C. G., Sosis, R., Galbraith, D., & **Bulbulia, J.** (2019). Alloparenting and religious fertility: A test of the religious alloparenting hypothesis. *Evolution and Human Behavior*, 40(3), 315–324.
- [36] Beheim, B., Atkinson, Q., **Bulbulia, J.**, Gervais, W. M., Gray, R., Henrich, J., Lang, M., Monroe, M., Muthukrishna, M., Norenzayan, A., Purzycki, B., Shariff, A., Slingerland, E., Spicer, R., & Willard, A. K. (2019). Corrected analyses show that moralizing gods precede complex societies but serious data concerns remain. DOI: [10.31234/osf.io/jwa2n](https://doi.org/10.31234/osf.io/jwa2n)

2018

- [37] **Bulbulia, J.** (2018). Ritual and cooperation. In R. Uro, J. J. Day, and R. Roitto (Eds.), *The Oxford Handbook of Early Christian Ritual*, (pp. 95–114). Oxford University Press.
- [38] Gervais, W. M., van Elk, M., Xygalatas, D., McKay, R. T., Aveyard, M., Buchtel, E. E., Dar-Nimrod, I., Klocová, E. K., Ramsay, J. E., Riekk, T., & **Bulbulia, J.** (2018). Analytic atheism: A cross-culturally weak and fickle phenomenon? *Judgment and Decision Making*, 13(3), 268–274. PDF
- [39] Sosis, R., **Bulbulia, J.**, Wildman, W. J., & Schjoedt, U. (2018). The fish that got away? human behavioral ecology and the study of religion. *Religion, Brain & Behavior*, 8(4), 351–353. DOI: [10.1080/2153599X.2018.1523608](https://doi.org/10.1080/2153599X.2018.1523608)
- [40] Shaver, J. H., Sibley, C. G., & **Bulbulia, J.** (2018). Are contemporary Christian New Zealanders committed to peace? In Fountain, P. and Troughton, G., (Eds.), *Pursuing Peace in Godzone: Christianity and the Peace Tradition in New Zealand*, (pp. 194–205). Wellington: Victoria University Press. PDF
- [41] Watts, J., Sheehan, O., **Bulbulia, J.**, Gray, R. D., & Atkinson, Q. D. (2018). Christianity spread faster in small, politically structured societies. *Nature Human Behaviour*, 2(8), 559–564. DOI: [10.1038/s41562-018-0379-3](https://doi.org/10.1038/s41562-018-0379-3)

- [42] Watts, J., Gray, R., & **Bulbulia, J.** (2018). The New Collaborative Scientific Study of Religious History. In A. K. Petersen, I. S. Gilhus, L. H. Martin, J. S. Jensen, and J. Sørensen (Eds.), *Evolution, Cognition, and the History of Religion: A New Synthesis*, (pp. 62–80). BRILL. [PDF](#)
- [43] Wildman, W. J., Schjoedt, U., Sosis, R., & **Bulbulia, J.** (2018). “God is watching you”... and might be influencing your brain, too. *Religion, Brain & Behavior*, 8(3), 263–264. DOI: [10.1080/2153599X.2018.1486619](#)
- [44] Zhong, W., Krueger, F., Wilson, M., **Bulbulia, J.**, & Grafman, J. (2018). Prefrontal brain lesions reveal magical ideation arises from enhanced religious experiences. *Peace and Conflict: Journal of Peace Psychology*, 24(2), 245–249. DOI: [10.1037/pac0000336](#)

2017

- [45] Sosis, R., Schjoedt, U., **Bulbulia, J.**, & Wildman, W. J. (2017). Wilson’s 15-year-old cathedral. *Religion, Brain & Behavior*, 7(2), 95–97. DOI: [10.1080/2153599X.2017.1314409](#)
- [46] Gervais, W. M., Xygalatas, D., McKay, R. T., van Elk, M., Buchtel, E., Aveyard, M., Schiavone S. R., Dar-Nimrod, I., Svedholm-Häkkinen, A. M., Riekk, T., Kundtová, E. K., Ramsay, J. E., & **Bulbulia, J.** (2017). Global evidence of extreme intuitive moral prejudice against atheists. *Nature Human Behaviour*, 1, Article number: 0151. DOI: [10.1038/s41562-017-0151](#)
- [47] Shaver, J., Fraser, G., & **Bulbulia, J.** (2017). Charismatic Signaling: How religion stabilizes cooperation and entrenches inequality. In J. Liddle and T. Shackelford, (Eds.), *Oxford Handbook of Evolutionary Perspectives on Religion*, Oxford: Oxford University Press. DOI: [10.1093/oxfordhb/9780199397747.013.17](#) [PDF](#)
- [48] **Bulbulia, J.**, Fraser, G., Watts, J., & Shaver, J. H. (2017). Can honest signaling theory clarify religion’s role in the evolution of social inequality? *Religion, Brain & Behavior*, 7(4), 285–288.
- [49] **Bulbulia, J.** (2017). Anthropology: Tradition’s hidden economy. *Nature Human Behaviour*, 1, Article number: 0070. DOI: [10.1038/s41562-017-0070](#)
- [50] Mogan, R., Fischer, R., & **Bulbulia, J.** (2017). To be in synchrony or not? A meta-analysis of synchrony’s effects on behavior, perception, cognition and affect. *Journal of Experimental Social Psychology*, 72, 13–20.
- [51] Shaver J. H, Sibley C. G, Osborne D., & **Bulbulia J.** (2017). News exposure predicts anti-Muslim prejudice. *PLoS ONE* 12(3), pe0174606. DOI: [10.1371/journal.pone.0174606](#)
- [52] Sibley C. G., Robertson, A., Osborne, D., Huang, Y., Milojev, P., Greaves, L., Houkamau, C. A., **Bulbulia, J.**, & Barlow, F. K. (2017). Bias and tracking accuracy in voting projections using the New Zealand Attitudes and Values Study. *Political Science*, 69(1), 16–34. DOI: [10.1080/00323187.2017.1321589](#)
- [53] Sosis, R., Wildman, W. J., **Bulbulia, J.**, & Schjoedt, U. (2017). Hilbert problems in the scientific study of religion. *Religion, Brain & Behavior*, 7(4), 277–278.
- [54] Sosis, R., **Bulbulia, J.**, Wildman, W. J., & Schjoedt, U. (2017). Religion, Brain & Behavior’s seventh year. *Religion, Brain & Behavior*, 7(1), 1–2. DOI: [10.1080/2153599X.2017.1267953](#) [BIB](#)
- [55] Wildman, W. J., **Bulbulia, J.**, Sosis R., & Schjoedt, U. (2017). Models, simulations, abstractions, and insights. *Religion, Brain & Behavior*, 7(3), 175–177.
- [56] Zhong, W., Cristofori, I., **Bulbulia, J.**, Krueger, F., & Grafman, J. (2017). Biological and cognitive underpinnings of religious fundamentalism. *Neuropsychologia*, 100, 18–25. DOI: [10.1016/j.neuropsychologia.2017.04.009](#)
- [57] Greaves, L. M., Barlow, F. K., Lee, C., Matika, C. M., Wang, W., Lindsay, C., Case, C., Sengupta, N. K., Huang, Y., Cowie, L. J., Stronge, S., Storey, M., Souza, L., Manuela, S., Hammond, M. D., Milojev, P., Townrow, C. S., Muriwai, E., Satherly, N., Fraser, G., West-Newman, T., Houkamau, C., **Bulbulia, J.**, Osborne, D., Wilson, M. S., & Sibley, C. G. (2017). Corrigendum to: The Diversity and Prevalence of Sexual Orientation Self-Labels in a New Zealand National Sample (Greaves et al., 2017). *Archives of Sexual Behavior*, 46, 2209–2210. DOI: [10.1007/s10508-017-1063-9](#)

2016

- [58] Wildman, W. J., Sosis, R., **Bulbulia, J.**, & Spezio, M. L. (2016). Critical Self-Correction Religion, *Brain & Behavior*, 6(2), 93–94. DOI: [10.1080/2153599X.2016.1171062](https://doi.org/10.1080/2153599X.2016.1171062)
- [59] **Bulbulia, J.**, Spezio, M., Sosis, R., & Wildman, W. J. (2016). Standards for Publishing in Religion, Brain & Behavior. *Religion, Brain & Behavior*, 6(4), 275–277. DOI: [10.1080/2153599X.2016.1227123](https://doi.org/10.1080/2153599X.2016.1227123)
- [60] Greaves, L. M., Barlow, F. K., Lee, C., Matika, C. M., Wang, W., Lindsay, C., Case, C., Sengupta, N. K., Huang, Y., Cowie, L. J., Stronge, S., Storey, M., Souza, L., Manuela, S., Hammond, M. D., Milojev, P., Townrow, C. S., Muriwai, E., Satherly, N., Fraser, G., West-Newman, T., Houkamau, C., **Bulbulia, J.**, Osborne, D., Wilson, M. S., & Sibley, C. G. (2017). The diversity and prevalence of sexual orientation self-labels in a New Zealand national sample. *Archives of Sexual Behavior*, 46(5), 1325–1336. DOI: [10.1007/s10508-016-0857-5](https://doi.org/10.1007/s10508-016-0857-5) BIB
- [61] Shaver, J. H., & **Bulbulia, J.** (2016). Signaling theory and religion. In N. K. Clements (Ed.), *Religion: Mental Religion*, (pp. 101–117). Macmillan Interdisciplinary Handbooks. PDF BIB
- [62] Shaver, J. H., Troughton, G., Sibley, C. G., & **Bulbulia, J.** (2016). Religion and the unmaking of prejudice toward muslims: Evidence from a large national sample. *PLoS ONE*, 11(3), 1–25. PDF
- [63] Sosis, R., Spezio, M. L., **Bulbulia, J.**, & Wildman, W. J. (2016). Editorial: The peer reviewer dilemma: how to appreciate the underappreciated. *Religion, Brain & Behavior*, 6(1), 1–3.
- [64] Spezio, M. L., Wildman, W. J., Sosis, R., & **Bulbulia, J.** (2016). Editorial: Religion and emotion. *Religion, Brain & Behavior*, 5(3), 185–187.
- [65] Watts, J., **Bulbulia, J.**, Gray, R., & Atkinson, Q. D. (2016). Clarity and causality needed in claims about big gods. *Behavior and Brain Sciences*, 39, 41–42. PDF BIB
- [66] Watts, J., Sheehan, O., Atkinson, Q. D., **Bulbulia, J.**, & Gray, R. (2016). Ritual human sacrifice promoted and sustained the evolution of stratified societies. *Nature*, 532, 228–231. PDF

2015

- [67] Satherley, N., Milojev, P., Greaves, L. M., Huang, Y., Osborne, D., **Bulbulia, J.**, & Sibley, C. G. (2015). Scales for Sense of Belonging and Support [Database record]. APA PsycTests. DOI: [10.1037/t41438-000](https://doi.org/10.1037/t41438-000)
- [68] **Bulbulia, J.**, Troughton, G., Greaves, L., Milfont, T. L., Botera, C., Gray, R., & Sibley, C. G. (2015). To burn or to save? the opposing functions of reading scripture on environmental intentions. *Religion, Brain & Behavior*, 6(4), 278–289.
- [69] **Bulbulia, J.**, Shaver, J., Greaves, L., Sosis, R., & Sibley, C. G. (2015). Religion and parental cooperation: an empirical test of Slone's sexual signaling model. In Slone, D. and Van Slyke, J., (Eds.), *The Attraction of Religion: A Sexual Selectionist Account*, (pp. 29–62). Bloomsbury Press.
- [70] **Bulbulia, J.**, Wildman, W. J., Sosis, R., & Spezio, M. L. (2015). Editorial: What are "the Hilbert Problems" in the study of religion? *Religion, Brain & Behavior*, 5(4), 263–265. DOI: [10.1080/2153599X.2015.1084470](https://doi.org/10.1080/2153599X.2015.1084470)
- [71] Cristofori, I., **Bulbulia, J.**, Shaver, J. H., Wilson, M., Krueger, F., & Grafman, J. (2016). Neural correlates of mystical experience. *Neuropsychologia*, 80, 212–220.
- [72] Greaves, L. M., Milojev, P., Huang, Y., Stronge, S., Osborne, D., **Bulbulia, J.**, Grimshaw, M., & Sibley, C. G. (2015). Regional differences in the psychological recovery of Christchurch residents following the 2010/2011 earthquakes: A longitudinal study. *PLoS ONE*, 10(5), e0124278. PDF
- [73] Greaves, L. M., Cowie, L., Fraser, G., Muriwai, E., Zdrenka, M., Huang, Y., Milojev, P., Osborne, D., **Bulbulia, J.**, Wilson, M. S., Liu, J., Clouston, A., & Sibley, C. G. (2015). Regional differences and similarities in the personality of New Zealanders. *New Zealand Journal of Psychology*, 44(1), 4–16.

- [74] Hoverd, W. J., **Bulbulia, J.**, Partow, N., & Sibley, C. G. (2015). Forecasting religious change: a Bayesian model predicting proportional Christian change in New Zealand. *Religion, Brain & Behavior*, 5(1), 15–23.
- [75] Satherley, N., Milojev, P., Greaves, L. M., Huang, Y., Osborne, D., **Bulbulia, J.**, & Sibley, C. G. (2015). Demographic and psychological predictors of panel attrition: Evidence from the New Zealand Attitudes and Values Study. *PLoS ONE*, 10(3), e0121950. [PDF](#)
- [76] Spezio, M. L., **Bulbulia, J.**, Wildman, W. J., & Sosis, R. (2015). Editorial: Religion, SCAN, and developing standards of inquiry. *Religion, Brain & Behavior*, 5(3), 179–181.
- [77] Sibley, C. G., & **Bulbulia, J.** (2015). Charity explains differences in life satisfaction between religious and secular New Zealanders. *Religion, Brain & Behavior*, 5(2), 91–100.
- [78] Watts, J., Greenhill, S. J., Atkinson, Q. D., Currie, T. E., **Bulbulia, J.**, & Gray, R. D. (2015). Broad supernatural punishment but not moralizing high gods precede the evolution of political complexity in Austronesia. *Proceedings of the Royal Society of London B: Biological Sciences*, 282(1804), 20142556–20142556. DOI:10.1098/rspb.2014.2556 [PDF SUPPLEMENT BIB](#)
- [79] Watts, J., Sheehan, O., Greenhill, S. J., Gomes-Ng, S., Atkinson, Q. D., **Bulbulia, J.**, & Gray, R. D. (2015). Puluotu: Database of Austronesian supernatural beliefs and practices. *PLoS ONE*, 10(9):e0136783. [PDF](#)
- [80] Wildman, W. J., Sosis, R., Spezio, M. L., & **Bulbulia, J.** (2015). Editorial: The emerging psychology of religion. *Religion, Brain & Behavior*, 5(2), 89–90. [PDF BIB](#)

2014

- [81] Botero, C. A., Gardner, B., Kirby, K. R., **Bulbulia, J.**, Gavin, M. C., & Gray, R. D. (2014). The ecology of religious beliefs. *Proceedings of the National Academy of Sciences*, 111(47), 16784–16789. [PDF BIB](#)
- [82] **Bulbulia, J.**, Wilson, M. S., & Sibley, C. G. (2014). Thin and thinner: Hypothesis-driven research and the study of humans. *Numen*, 61(2-3), 166–181. [PDF BIB](#)
- [83] **Bulbulia, J.** (2014). The arts transform the cognitive science of religion. *Journal for the Cognitive Science of Religion*, 1(2), 141–160. [PDF BIB](#)
- [84] **Bulbulia, J.** (2014). Review: Changing minds: Religion and cognition through the ages. *Journal for the Cognitive Science of Religion*, 2(1), 75–78. [PDF](#)
- [85] Fischer, R., Xygalatas, D., Mitkidis, P., Reddish, P., Tok, P., Konvalinka, I., & **Bulbulia, J.** (2014). The fire-walker's high: Affect and physiological responses in an extreme collective ritual. *PLoS ONE*, 9(2), e88355.
- [86] Milojev, P., Osborne, D., Greaves, L., **Bulbulia, J.**, Wilson, M. S., Davies, C., Liu, J., & Sibley, C. G. (2014). Right-wing authoritarianism and social dominance orientation predict different moral signatures. *Social Justice Research*, 27(2), 149–174.
- [87] Reddish, P., **Bulbulia, J.**, & Fischer, R. (2014). Does synchrony promote generalized prosociality? *Religion, Brain & Behavior*, 4(1), 3–19.
- [88] Sibley, C. G., & **Bulbulia, J.** (2014). How do religious identities and basic value orientations affect each other over time? *International Journal for the Psychology of Religion*, 24(1), 64–76. DOI: 10.1080/10508619.2013.771600 [PDF BIB](#)
- [89] Troughton, G., **Bulbulia, J.**, & Sibley, C. G. (2014). Strength of religion and the future of the churches. *Stimulus: The New Zealand Journal of Christian Thought and Practice*, 21(2), 26.
- [90] Wilson, M. S., **Bulbulia, J.**, & Sibley, C. G. (2014). Differences and similarities in religious and paranormal beliefs: a typology of distinct faith signatures. *Religion, Brain & Behavior*, 4(2), 104–126.

2013

- [91] **Bulbulia, J.**, Osborne, D., & Sibley, C. G. (2013). Moral foundations predict religious orientations in New Zealand. *PLoS ONE*, 8(12), e80224.
- [92] **Bulbulia, J.**, Xygalatas, D., Schjoedt, U., Fondevila, S., Sibley, C. G., & Konvalinka, I. (2013). Images from a jointly-arousing collective ritual reveal affective polarization. *Frontiers in Psychology*, 4(960). [Open Access](#)
- [93] **Bulbulia, J.**, Geertz, A., Atkinson, Q. D., Cohen, E., Evans, N., Francois, P., Gintis, H., Gray, R., Henrich, J., Jordon, F., Norenzayan, A., Richerson, P. J., Slingerland, E., Turchin, P., Whitehouse, H., Widlok, T., & Wilson, D. (2013). The cultural evolution of religion. In P. J. Richerson and M. Christiansen (Eds.), *Cultural Evolution* (pp. 381–404). MIT press, Cambridge, MA. [distribution for private use by permission of the [Ernst Strungmann Forum](#) and MIT Press]:
- [94] **Bulbulia, J.** (2013). Toward an evolutionary cognitive science of mental cultures: lessons from Freud. In D. Xygalatas and W. McCorkle (Eds.), *Mental Culture: Towards a Cognitive Science of Religion* (pp. 110–127). Equinox, London.
- [95] **Bulbulia, J.**, Atkinson, Q. D., Gray, R., & Greenhill, S. (2013). Why do religious cultures evolve slowly? The cultural evolution of cooperative calling and the historical study of religions. In I. Czachesz and R. Uro (Eds.), *Mind, Morality and Magic: Cognitive Science Approaches in Biblical Studies* (pp. 197–212). Acumen Publishing, Durham, UK. [PDF BIB](#)
- [96] **Bulbulia, J.** (2013). Why costly-signalling models of religion require cognitive psychology. In A. Geertz (Ed.), *Origins of Religion, Cognition, and Culture* (pp. 71–81). Equinox, London.
- [97] **Bulbulia, J.**, Atkinson, Q. D., Greenhill, S., & Gray, R. (2013). First shots fired for the phylogenetic revolution in religious studies. *Clodynamics: The Journal of Theoretical and Mathematical History*, 4(1):128–133. [PDF BIB](#)
- [98] **Bulbulia, J.** (2013). Bayes and the evolution of religious belief. In Moreland, J. P., Sweis, K. A., and V., M. C., (Eds.), *Debating Christian Theism*, (pp. 223–241). Oxford University Press. [PDF BIB](#)
- [99] Fischer, R., Callander, R., Reddish, P., & **Bulbulia, J.** (2013). How do rituals affect cooperation? *Human Nature*, 24(2):115–125. [PDF](#)
- [100] Hoverd, W. J., **Bulbulia, J.**, & Sibley, C. G. (2013). Does poverty predict religion? *Religion, Brain & Behavior*, 3(3):185–200. [PDF BIB](#)
- [101] Reddish, P., Fischer, R., & **Bulbulia, J.** (2013). Let's dance together: Synchrony, shared intentionality and cooperation. *PLoS ONE*, 8(8):e71182. [PDF](#)
- [102] Sibley, C. G., & **Bulbulia, J.** (2013). The proportion of religious residents predicts the values of nonreligious neighbors: evidence from a national sample. *Religion, Brain and Behavior*, 3(3):219–232. DOI: [10.1080/2153599X.2012.739740](#)
- [103] Schjoedt, U., Sørensen, J., Nielbo, K. L., Xygalatas, D., Mitkidis, P., & **Bulbulia, J.** (2013). Cognitive resource depletion in religious interactions. *Religion, Brain & Behavior*, 3(1):39–55.
- [104] Schjoedt, U., Sørensen, J., Nielbo, K. L., Xygalatas, D., Mitkidis, P., & **Bulbulia, J.** (2013). The resource model and the principle of predictive coding: a framework for analyzing proximate effects of ritual. *Religion, Brain & Behavior*, 3(1):79–86. [PDF BIB](#)
- [105] Xygalatas, D., Schjoedt, U., **Bulbulia, J.**, Konvalinka, I., Jegindø, E.-M., Reddish, P., Geertz, A., & Roepstorff, A. (2013). Autobiographical memory in a fire-walking ritual. *Journal of Cognition and Culture*, 13(1-2):1–16. DOI: [10.1163/15685373-12342081](#) [PDF BIB](#)
- [106] Xygalatas, D., Mitkidis, P., Fischer, R., Reddish, P., Skewes, J., Geertz, A., Roepstorff, A., & **Bulbulia, J.** (2013). Extreme rituals promote prosociality. *Psychological science*, 24(8):1602–1605.

2012

- [107] **Bulbulia, J.** (2012). Spreading order: religion, cooperative niche construction, and risky coordination problems. *Biology & philosophy*, 27(1):1–27. DOI: [10.1007/s10539-011-9295-x](https://doi.org/10.1007/s10539-011-9295-x) [Open Access](#)
- [108] **Bulbulia, J.** (2012). Ennuietheism. In P. MacNamara and W. J. Wildman (Eds.), *Science and the World's Religions: Vol 3. Religions and Controversies* (pp. 165–194). Praeger, Santa Barbara, CA. [PDF](#) [BIB](#)
- [109] **Bulbulia, J.**, Frean, M., & Reddish, P. (2012). Ecological signalling. In G. W. Dawes and J. Maclaurin (Eds.), *A New Science of Religions* (pp. 100–110). Routledge.
- [110] **Bulbulia, J.**, & Reddish, P. (2012). Explaining effervescence. In G. W. Dawes, and J. Maclaurin (Eds.), *A New Science of Religions* (pp. 43–64). Routledge, New York. [PDF](#) [BIB](#)
- [111] **Bulbulia, J.**, & Schjoedt, U. (2012). The neural basis of religious belief. In F. Krueger and J. Grafman (Eds.), *The Neural Basis of Human Belief Systems* (pp. 169–190). Psychology Press. [PDF](#) [BIB](#)
- [112] **Bulbulia, J.**, & Schjoedt, U. (2012). Toward an evolutionary social neuroscience of religion. *Religion, Brain & Behavior*, 1(3):220–222. [PDF](#)
- [113] **Bulbulia, J.**, & Slingerland, E. (2012). Religious studies as a life science. *Numen*, 59(5-6):564–613. [PDF](#) [BIB](#)
- [114] Sibley, C. G., & **Bulbulia, J.** (2012). Healing those who need healing: How religious practice interacts with personality to affect social belonging. *Journal for The Cognitive Science of Religion*, 1(1):29–45. [PDF](#) [BIB](#)
- [115] Schjoedt, U., & **Bulbulia, J.** (2012). The need to believe in conflicting propositions. *Religion, Brain & Behavior*, 1(3):236–239. [PDF](#) [BIB](#)
- [116] Sibley, C. G., & **Bulbulia, J.** (2012). Faith after an earthquake: A longitudinal study of religion and perceived health before and after the 2011 Christchurch New Zealand earthquake. *PLoS one*, 7(12):e49648. DOI: [10.1371/journal.pone.0049648](https://doi.org/10.1371/journal.pone.0049648)

2011

- [117] **Bulbulia, J.**, & Frean, M. (2011). Affording cooperative populations. *Religion, Brain & Behavior*, 1(1):66–70. [PDF](#) [BIB](#)
- [118] **Bulbulia, J.**, & Sosis, R. (2011). Signalling theory and the evolution of religious cooperation. *Religion*, 41(3):363–388. DOI: [10.1080/0048721X.2011.604508](https://doi.org/10.1080/0048721X.2011.604508) [PDF](#) [BIB](#)
- [119] **Bulbulia, J.** (2011). The hypnotic stag hunt. *Journal of Cognition and Culture*, 11(3-4):353–365. DOI: [10.1163/156853711X591297](https://doi.org/10.1163/156853711X591297) [PDF](#) [BIB](#)
- [120] Frean, M., & **Bulbulia, J.** (2011). Neutral evolution as a route to large-scale cooperation in the stag hunt game. In *International Conference on Complex Systems (ICCS) 2011, hosted by NECSI (New England Complex Systems Institute July 1-6, 2011 (proceedings))*. [PDF](#)
- [121] Konvalinka, I., Xygalatas, D., **Bulbulia, J.**, Schjoedt, U., Jegindoe, E. M., Wallot, S., Van Orden, G., & Roepstorff, A. (2011). Synchronized arousal between performers and related spectators in a fire-walking ritual. *Proceedings of the National Academy of Sciences*, 108(20):8514–8519. [PDF](#) [BIB](#)
- [122] Slingerland, E., & **Bulbulia, J.** (2011). Introductory essay: Evolutionary science and the study of religion. *Religion*, 41(3):307–328. DOI: [10.1080/0048721X.2011.604513](https://doi.org/10.1080/0048721X.2011.604513) [PDF](#) [BIB](#)
- [123] Sosis, R., & **Bulbulia, J.** (2011). The behavioral ecology of religion: the benefits and costs of one evolutionary approach. *Religion*, 41(3):341–362. DOI: [10.1080/0048721X.2011.604514](https://doi.org/10.1080/0048721X.2011.604514) [PDF](#) [BIB](#)
- [124] Xygalatas, D., Konvalinka, I., Roepstorff, A., & **Bulbulia, J.** (2011). Quantifying collective effervescence heart-rate dynamics at a fire-walking ritual. *Communicative and Integrative Biology*, 4(6):735–738. DOI: [10.4161/cib.4.6.17609](https://doi.org/10.4161/cib.4.6.17609) [PDF](#) [BIB](#)

2010

- [125] **Bulbulia, J.**, & Freat, M. (2010). The evolution of charismatic cultures. *Method and Theory in the Study of Religion*, 22(4):254–271. DOI: [10.1163/157006810X531049](https://doi.org/10.1163/157006810X531049) PDF BIB
- [126] **Bulbulia, J.**, & Schjoedt, U. (2010). Religious Culture and Cooperative Prediction under Risk: Perspectives from Social Neuroscience. In I. Pyysiäinen (Ed.), *Religion, Economy, and Cooperation*, (pp. 35–59). deGruyter, New York. PDF

2009

- [127] **Bulbulia, J.** (2009). Charismatic signalling. *Journal for the Study of Religion, Nature, Culture*, 3(4):518–551. DOI: [10.1558/jsrnc.v3i4.518](https://doi.org/10.1558/jsrnc.v3i4.518) PDF BIB
- [128] **Bulbulia, J.** & Krueger, F. (2009). Comment on Attachment and Cooperation in Religious Groups. *Current Anthropology*, 50(6):772–773. DOI: [10.1086/605767](https://doi.org/10.1086/605767) PDF
- [129] **Bulbulia, J.** & Sosis, R. (2009). Belief as ideology. *Behavior and the Brain Sciences*, 32(6):515–516. DOI: [10.1017/S0140525X09991403](https://doi.org/10.1017/S0140525X09991403) PDF
- [130] **Bulbulia, J.** (2009). Religion as evolutionary cascade. In M. Stausberg (Ed.), *Contemporary Theories of Religion: A Critical Companion* (pp. 156–172). Routledge, New York. PDF
- [131] **Bulbulia, J.**, & Freat, M. (2009). Religion as superorganism. In M. Stausberg (Ed.), *Contemporary Theories of Religion: A Critical Companion* (pp. 173–194). Routledge, New York. PDF
- [132] **Bulbulia, J.** (2009). Religiosity as mental time travel: cognitive adaptations for religious behavior. In J. Schloss and M. Murray (Eds.), *The Believing Primate: Scientific, Philosophical and Theological Perspectives on the Evolution of Religion* (pp. 44–75). Oxford University Press, New York. PDF BIB

2008

- [133] **Bulbulia, J.** (2008). Meme infection or religious niche construction? an adaptationist alternative to the cultural maladaptationist hypothesis. *Method and Theory in the Study of Religion*, 20(1):67–107. PDF BIB
- [134] **Bulbulia, J.** (2008). Ritual studies and ritual theories: A guide for the perplexed. *Numen*, 55(4):461–473. DOI: [1163/156852708X310545](https://doi.org/10.1163/156852708X310545) PDF
- [135] **Bulbulia, J.** (2008). Telling nature. *Landfall*, 215:180–185. PDF
- [136] **Bulbulia, J.** (2008). Free love: Religious solidarity on the cheap. In J. Bulbulia, R. Sosis, R. Genet, R. E. Harris, K. Wyman and C. Genet (Eds.), *The Evolution of Religion: Studies, Theories, and Critiques*, (pp. 153–160). Collins Foundation Press, Santa Margarita, CA. PDF BIB
- [137] **Bulbulia, J.**, & Mahoney, A. (2008). Religious solidarity: The hand grenade experiment. *Journal of Cognition and Culture*, 8(3):295–320. DOI: [10.1163/156853708X358191](https://doi.org/10.1163/156853708X358191) PDF BIB
- [138] Sosis, R., & **Bulbulia, J.** (2008). Religion in Eden. In J. Bulbulia, R. Sosis, R. Genet, E. Harris, K. Wyman and C. Genet (Eds.), *The Evolution of Religion: Studies, Theories, and Critiques*, Chapter Introduction (pp. 15–19). Collins Foundation Press, Santa Margarita, CA. PDF

2007

- [139] **Bulbulia, J.** (2007). The evolution of religion. In R. Dunbar and L. Barrett (Eds.), *Oxford Handbook of Evolutionary Psychology* (pp. 621–636). Oxford University Press, New York. PDF BIB

2006

- [140] **Bulbulia, J.** (2006). Nature's medicine: religiosity as an adaptation for health and cooperation. In P. McNamara (Ed.), *Where Man and God Meet: the new sciences of religion and brain*, (pp. 87–121). Greenwood Publishers, Westwood CT. [PDF](#)

pre-2005

- [141] **Bulbulia, J.** (2005). Are there any religions? *Method and Theory in the Study of Religion*, 17(2):71–100. DOI: 10.1163/1570068054305619 [PDF](#) [BIB](#)
- [142] **Bulbulia, J.** (2004). Religious costs as adaptations that signal altruistic intention. *Evolution and Cognition*, 10(1):19–38. [PDF](#) [BIB](#)
- [143] **Bulbulia, J.** (2004). The cognitive and evolutionary psychology of religion. *Biology and Philosophy*, 18(5):655–686. [PDF](#) [BIB](#)
- [144] **Bulbulia, J.** (2003). Book review: Nicholas Agar, Life's Intrinsic Value: Science, Ethics and Nature. *Sophia*, 42(1):85–89. [PDF](#)
- [145] **Bulbulia, J.** (2003). Review of James Mcclenon: Wondrous Healing: Shamanism, Human Evolution and the Origin of Religion. *Method & Theory in the Study of Religion*, 15(1):100–103. DOI: 10.1163/15700680360549439 [PDF](#)
- [146] **Bulbulia, J.** (2002). Unweaving the religious mind: A review of Pascal Boyer, religion explained: The evolutionary origins of religious thought. *Eras*, 4. [URL](#)
- [147] **Bulbulia, J.** (1996). Book review: Hilary Putnam, Words and Life . *Koinonia*, 8. [\(DOC\)](#) [Journal](#)

Edited Books

- [148] **Bulbulia, J.**, Sosis, R., Genet, R., Harris, E., Wyman, K., & Genet, C. (2008). *The Evolution of Religion: Studies, Theories, and Critiques*. Collins Foundation Press, Santa Margarita, CA.
- [149] **Bulbulia, J.**, & Morris, P. (2004). *What is Religion For?* Milne, Wellington.

Dissertation

- [150] **Bulbulia, J.** (2001). *Before Eden: Religion and The Evolved Mind*. PhD thesis, Princeton University, Princeton, N.J.

Supervisions

Completed

2015→2020	K. Deak. The religious paradox of gender inequality and well-being an evolutionary account of parental cooperation.
2015→2018	S. A. Teo. <i>Ph.D. Religious Studies</i> . Religion as a marker of communal boundaries: Revivalism and Hindu temples in Malaysia. Secondary supervisor.
2015→2018	R. Mogan. <i>Ph.D. Psychology</i> . Aligning Bodies And Minds: New Insights And A Synthesis Of Synchronys Effects On Creative Thinking, Cohesion And Positive Affect. Secondary supervisor.
2014→2017	B. A. Blaschke. <i>Ph.D. Religious Studies</i> . Contemplative Responses to the Problem of Self: An Ethnography of the Spirit. Secondary supervisor.
2016	D. Robinson. <i>M.A. Religious Studies</i> . Religion and Social Capital in New Zealand. Primary supervisor.
2015	B. Davis. <i>Ph.D. Religious Studies</i> . Psychology, Cosmology and the Christian Concept of God: Reconciling Theology and Science. Primary supervisor
2015	R. Somerfield. <i>Ph.D. Theatre Studies</i> . Moving Minds: Undoing cognition in performance environments. Secondary supervisor.
2015	D. Murphy. <i>Ph.D. Religious Studies (scholarship)</i> . Maori Myth and Extended Cognition: a cognitive

- approach to memory and oral tradition in the Pacific. Primary supervisor.
- 2013 P. Reddish. *Ph.D. Psychology (scholarship)*. The Cooperative Effects of Synchronous Interactions. Secondary supervisor.
- 2011 C. Dalzell. *M.A. Religious Studies*. Selecting for Celibacy - Cultural evolution and the puzzling case of Buddhist celibacy. Awarded with distinction. Primary supervisor.
- 2011 T. McVicar. *M.A. Religious Studies*. Implicit Cultures: Towards a Psychosocial Theory of Intuitive Religious Beliefs. Awarded with distinction. Primary supervisor.
- 2010 A. Mahoney. *Ph.D. Religious Studies (Bright Futures)*. The Evolutionary Psychology of Theology. Primary supervisor.
- 2009 S. Hill. *Ph.D. Sociology*. Torn Between Boundaries: Bodies-in-pain, Christianity and Feature Film. Secondary supervisor.
- 2009 D. Murphy. *M.A. Religious Studies*. Sacred Technologies: The evolution of the religious cognitive Niche. Awarded with distinction. Primary supervisor.
- 2007 A. Robertson. *Ph.D. Psychology*. In Search of a Theoretical Explanation for The Relationship Between Religion and Prejudice. Secondary supervisor.
- 2006 Y. Jeon. *Ph.D. Media Studies*. Communication Models of Adolescent Religious Education on The Internet in A Global Age. Secondary supervisor.

Ongoing

- 2021→ Johnmark Kempthorne. the Role the Behavioral Immune System Plays in New Zealanders' Psychology During the COVID-19 Pandemic, Primary Supervisor.
- 2019→ R. Bonifant. Transmission of Anglican Belief and Practice in Aotearoa New Zealand. Primary Supervisor.

Presentations

Keynotes & Invited

- 2019^k Attitudes to religion and trade in New Zealand (2009-2018). Religion and Business: Reaping the Diversity Dividend. Auckland University of Technology, Auckland, New Zealand. 12 August 2019. [LINK](#)
- 2019^t The interplay of religious affiliation and volunteering, evidence from The New Zealand Attitudes and Values Study 2009-2019. Templeton Annual Meeting. Nassau, Bahamas. 24 June 2019.
- 2019^t What are the sources of Muslim Acceptance in New Zealand? Maclaurin Chapel, Auckland, New Zealand. May 28 2019.
- 2019^k Changing Attitudes to Muslims in New Zealand: years 2013-2017. Amnesty International Annual Hui 2019: IMPACT for Human Rights. Wellington, New Zealand. 10 May 2019.
- 2018^t How Spiritual Are We Really? Engage Conference. Auckland, New Zealand. 21 September 2018.
- 2018^k Teams > STEM + HASS. Plenary Session. International. Deans of Arts, Social Sciences and Humanities Conference (Australasia). Australian National University, Canberra, Australia. 12 September 2018.
- 2018^k Is Virtue Worth The Effort? International Humanist Conference. Auckland, New Zealand. 4 August 2018.
- 2018^k Religion and the evolution of second nature? Erice, Sicily. 12 May 2018.
- 2017^k Computational Phylogenetic Methods Test Functional Hypotheses About Culture. University of Helsinki. 25 May 2017.
- 2016^t **J. Bulbulia**, Presidential Address. International Association for the Cognitive Science of Religion. Vancouver, Canada. 24 August 2016.
- 2012^t **J. Bulbulia**, [Religious Ritual, Identity, and Coordination: Surprising Results From the Field](#) Keynote: Aarhus University, [Biological and Cultural Evolution and Their Interactions](#). Denmark. 26 June 2012.
- 2011^t **J. Bulbulia**, [Experimental Anthropology: How Quantitative Field Studies are Revealing New Subtleties in Religious Rituals](#) (invited talk). Aarhus University, Denmark. 18 October 2011.

Website

- 2009^k I. Konvalinka, **J. Bulbulia**, D. Xygalatas, and U. Schjoedt, Synchronous arousal memory in a Spanish firewalk. Keynote Address, International Association for the Cognitive Study of Religion: Cognitive Science Society Annual Meeting. Amsterdam, Netherlands. July 2009.
- 2008^k **J. Bulbulia**, Bayes theorem and the economics of religious reciprocity. Keynote Address, European Collaborative Research Foundation. Consciousness in Natural Context. Aarhus University, Denmark. June 2008.
- 2008^k **J. Bulbulia**, [The human nest: Epistemic niche construction and religiosity](#). Keynote Address, Religious Ritual, Cognition and Culture. Aarhus University, Denmark. May 2008.
- 2006^k **J. Bulbulia**, Why religious commitment is also moral commitment. Faculty Keynote. Aarhus University, Denmark. 7 December 2006.

Talks

- 2021^t "Transformation and transferral of acceptance following the 2019 Christchurch New Zealand Mosque Attacks", Otago University Centre for Peace and Conflict and Religion Department, Dunedin, 11 June, 2021. [link](#)
- 2021^t Longitudinal Anatomy of Covid-19 Distress: For high school students, Victoria University School of Psychology, 17 June, 2021 [link](#)
- 2021^t Longitudinal Anatomy of Covid-19 Distress, Victoria University School of Psychology, 23 April, 2021 [link](#)
- 2021^t "A national longitudinal study of religion and climate beliefs/behaviours": International Society for Religious Psychologists (IRPS), Biola CA, 9 January 2021. [link](#)
- 2020^t A national scale longitudinal analysis of the Social Consequences of Religion in New Zealand: 2009-2017 (Three Studies). Templeton Religion Trust. Nassau, Bahamas. 14 January 2020.
- 2019^t A national scale longitudinal analysis of mis/perceptions about Religious Faith and Practice in New Zealand: 2009-2017 (Three Studies). University of the 3rd Age (U3A). New Plymouth, New Zealand. 13 November 2019. [LINK](#)
- 2019^t Extremism in New Zealand reveals challenges and opportunities for international education partnerships. University of Auckland U21. University of Auckland, Auckland, New Zealand. 25 October 2019. [LINK](#)
- 2019^t The interplay of religious affiliation and volunteering, evidence from the New Zealand Attitudes and Values Study 2009-2019. Templeton Religion Trust advisory meeting on the SCORE initiative. Oxford, UK. October 2019. [LINK](#)
- 2017^t Two paradoxes of religious change in New Zealand. NCLANZ Meeting. Wellington, New Zealand. 19 September 2017.
- 2017^t Punctuated Evolution of Religion, Cultural Evolution Society Conference. Jena, Germany. 14 September 2017.
- 2017^t Religion and the good life in New Zealand, 8th Christian Leaders Congress. Hope Centre, Wellington, New Zealand. 23 March 2017.
- 2017^t Darwin meets Luther: How Evolutionary Religious Studies Explains the Protestant Reformation. Empirical Philosophy Workshop. Wellington, New Zealand. 1 June 2017.
- 2016^t Secularization and Simpson's Paradox. Otago University, Dunedin, New Zealand. October 2016.
- 2016^t **J. Bulbulia**, Sex, Signaling, & Religion Today. International Association for the Cognitive Science of Religion. Vancouver, Canada. 24 August 2016.
- 2016^t **J. Bulbulia**, Evolutionary Theory meets Big Longitudinal Data: Modeling Religion, Tolerance, and Prejudice in a Western Secular Society. International Association for the Cognitive Science of Religion. Vancouver, Canada. 23 August 2016.
- 2016^t **J. Bulbulia**, Religion Evolves Social Inequality. Victoria University Religious Studies Seminar. Wellington, New Zealand. 24 March 2016.
- 2016^t **J. Bulbulia**, Religion and the Evolution of Social Inequality. University of Otago, Psychology Department. University of Otago, Dunedin, New Zealand. 22 February 2016.
- 2015^t **J. Bulbulia**, Longitudinal Study of Religion: recent findings from the New Zealand Attitudes & Values Study. Queenstown. 8 December 2015.
- 2015^t **J. Bulbulia**, Religion and the Evolution of Social Inequality. Victoria University, Wellington, New Zealand. October 6 2015

- 2015^t **J. Bulbulia**, Computational Phylogenetic Methods Test Functional Hypotheses About Culture. California Technical Institute, Los Angeles, USA. 2 September, 2015.
- 2015^t **J. Bulbulia**, J. Watts, S. Greenhill, and R. Gray, The Punctuated Evolution of Religion. International Association for the History of Religions. Erfurt, Germany. 28 Aug, 2015.
- 2015^t **J. Bulbulia**, Recording History to Understand it: Longitudinal Study of Religion in New Zealand. International Association for the History of Religions. Erfurt, Germany. 25 Aug, 2015.
- 2015^t **J. Bulbulia**, Religion and Charity in New Zealand. International Association for the History of Religions. Erfurt, Germany. 25 Aug, 2015.
- 2015^t J. Watts, R. Gray, and **J. Bulbulia**, Broad supernatural punishment but not moralising high gods precede the evolution of political complexity in Austronesia. Victoria University Empirical Philosophy Workshop. Victoria University, Wellington, New Zealand. 15 March 2015.
- 2015^t **J. Bulbulia** and C. G. Sibley, What is the Dollar Value of Religion? Society of Australian Social Psychology Conference. Newcastle, Australia. 10 April 2015.
- 2014^t G. Troughton, **J. Bulbulia**, D. Osborne, L. Greaves, Y. Huang, P. Milojev, and C. G. Sibley, Religion in Contemporary New Zealand: Insights from a National Probability Study. Combined Australian and New Zealand Religious History Conference. Massey University, Albany Campus. Massey University, Auckland, New Zealand. Wednesday 26 November 2014.
- 2014^t J. H. Shaver, C. G. Sibley, and **J. Bulbulia**, Fast or Slow? Religion and Life History Strategies in New Zealand. IACSR panel, American Academy of Religion. San Diego, USA. Friday, 21 November 2014.
- 2014^t **J. Bulbulia**, J. H. Shaver, and C. G. Sibley, Are Religious People Really More Charitable? IACSR panel, American Academy of Religion. San Diego, USA. Friday 21 November 2014.
- 2014^t **J. Bulbulia** and C. G. Sibley, The New Zealand Attitudes and Values Study: An overview. Presentation to Government: Association of Social Science Research. 5 November 2014 [link](#)
- 2014^t **J. Bulbulia**, G. Troughton, and C. G. Sibley, Charity and Religion in New Zealand: The New Zealand Attitudes and Values Study. Laidlaw Theological Seminary. Auckland, New Zealand. 11 September 2014.
- 2014^t **J. Bulbulia** and C. G. Sibley, The New Zealand Attitudes and Values Study: How to Survive a Longitudinal National Probability Sample. LEVYNA, Masaryk University. Brno, Czech Republic. 24 June 2014.
- 2014^t D. Xygalatas and **J. Bulbulia**, Integration in the Cognitive Science of Religion: Methods, Theories, and People. IACSR Conference. Brno, Czech Republic. 21 June 2014.
- 2014^t **J. Bulbulia**, Why Painful Rituals? Philosophy Workshop. Victoria University, Wellington, New Zealand.
- 2013^t **J. Bulbulia**, Quantifying Ritual Emotion. Victoria University Psychology Seminar. Victoria University, Wellington, New Zealand. 19 July 2013. [poster](#)
Latex file: [here](#)
- 2013^t **J. Bulbulia**, Bayesian Analysis of Rated Images From a Sacred Ritual Shows Role-Dependent Responses. Invited Poster. University of British Columbia CERC meeting. Vancouver, Canada. 5 May 2013. [poster](#)
- 2013^t **J. Bulbulia**, Faith After the Quake. Religious Studies Seminar. Wellington, New Zealand. 15 March 2013.
- 2012^t **J. Bulbulia**, Rituals, Pain, and Cooperation. The Elowitz Lab, California Institute of Technology, Biology Division. 22 November 2012.
- 2012^t **J. Bulbulia** and C. G. Sibley, How Religion Interacts with Personality to Affect Social Cognition. American Academy of Religion Conference. Chicago, USA. 18 November 2012. [pdf](#)
- 2012^t **J. Bulbulia**, Five Predictions For The Next Fifteen Years In The Experimental Study of Religion, Homo Experimentalis, LEVYNA. Masaryk University, Brno, Czech Republic. 24 October 2012.
- 2012^t **J. Bulbulia**, J. Watts, Q. D. Atkinson, S. Greenhill, and R. Gray. Three Big Questions Cultural Phylogenetics Has Helped Historians to Answer. Society of Biblical Literature. Chicago, USA. 17 November 2012.
- 2012^t **J. Bulbulia**, Why Rituals? Results from experimental field studies. Language and Cultural Evolution Group. Auckland University. 12 October 2012.
- 2012^t **J. Bulbulia**, Plenary session report: The Cultural Evolution of Religion. Ernst Strügnman Forum: [Cultural Evolution](#). Frankfurt, Germany. 1 June 2012

- 2012^t **J. Bulbulia**, Subtractive and Additive Conceptions of Experimental Ritual Studies. Laboratory for the Experimental Study of Religion, Department for the Study of Religions. Masaryk University, Brno, Czech Republic. 9 January 2012.(Webinar)
- 2011^t **J. Bulbulia**, P. Reddish, R. Callander, and R. Fischer, [Differential Effects on Cooperation from Rituals Varying in Body Synchrony and Sacred Values](#) AAR Cognitive Science of Religion Group. San Francisco, USA. 20 November 2011.
- 2011^t **J. Bulbulia**, P. Reddish, R. Callander, and R. Fischer, [Explaining collective rituals](#). (invited talk): Auckland Psychology Department. 21 September 2011.
<http://necsi.edu/events/iccs2011/accepted.html> [PDF](#)
- 2011^t P. Reddish, R. Fischer and **J. Bulbulia**, Assessing the Cooperative Effects of Ritual Interactions: Synchrony or Choreography? Conference: The Cognitive Science Society/IACSR Workshop: New developments in the cognitive science of religion. Boston MA, USA. 20 July 2011.
- 2010^t **J. Bulbulia**, Evolutionary cognitive science of religion. Conference: IAHR. Toronto, Canada. 19 August 2010.
- 2010^t **J. Bulbulia**, P. Reddish, R. Callander, and R. Fischer, Explaining effervescence. Conference: IAHR. Toronto, Canada. 19 August 2010.
- 2010^t **J. Bulbulia** and M. Frean, Religious cooperation in large social worlds. Conference: IAHR. Toronto, Canada. 17 August 2010.
- 2010^t **J. Bulbulia**, Animal magnetism and social prediction. Conference: Toward a Unified Science of Religion. Otago University, Dunedin, New Zealand. 12 February 2010.
- 2010^t **J. Bulbulia**, Coordination at scale: the cooperative affordances of religious rituals. Adaptive Logic Group. Santa Barbara, California, USA. 9 January 2010.
- 2009^t **J. Bulbulia**, Cognitive study of religion: perspectives from social cognition. University of Vermont: Burlington Vermont, USA. 11 November 2009.
- 2009^t **J. Bulbulia**, The neuroeconomics of religion. AAR Cognitive Science of Religion Group. Montreal Quebec, Canada. 7 November 2009.
- 2009^t **J. Bulbulia**, The evolutionary study of religion: a primer. AAR Panel: evolution of Religion. Montreal Quebec, Canada. 8 November 2009.
- 2009^t **J. Bulbulia**, Explanation in the study of religion: the role of evidence & models. Aarhus University, Religion Cognition and Culture. Aarhus, Denmark. 20 August 2009.
- 2009^t **J. Bulbulia** and D. Xygalatas, [Evidence of Emotional but not Perceptual Episodic Memory in a Spanish Firewalk](#). Aarhus University, Center for Integrated Neuroscience. Aarhus, Denmark. 17 August 2009
- 2009^t **J. Bulbulia**, Evolving religious coordination through cues. Association for the Study of Religion and Economics. Washington D.C., USA. 3 April 2009.
- 2009^t **J. Bulbulia** and D. Xygalatas, Firewalking and the evolutionary theory of games. Society for Scientific Anthropology. Asilomar California, United States. 28 March 2009.
- 2009^t **J. Bulbulia**, Collective effervescence. Center for the Advanced Study in the Behavioral Sciences at Stanford University. Stanford University, Palo Alto California, United States. 30 March 2009.
- 2008^t **J. Bulbulia**, Anthropomorphism and solidarity. Biblical Literature and Biblical Religions. Auckland, New Zealand. August 2008.
- 2008^t **J. Bulbulia**, Religious signalling in a firewalk. Australian National University, Philosophy Programme RSSS: Biological Signaling workshop. Canberra, Australia. 25 July 2008.
- 2007^t **J. Bulbulia**, Religion as coordination: Variable religious frames and the stag hunt. Association for the Study of Religion and Economics. Tampa Florida, USA. 3 November 2007.
- 2007^t **J. Bulbulia**, Religious schmelief: Religiosity as skilfull social engagement. Society for the Scientific Study of Religion. Tampa Florida, USA. 4 November 2007.
- 2007^t **J. Bulbulia**, Religious altruism: results of an economic game. Aarhus University, Aarhus, Denmark. 31 May 2007.
- 2007^t **J. Bulbulia**, The commitments of commitment signalling theory. Hawaii Conference on Evolution and Religion. Makaha Resort Hawaii, USA. 6 January 2007.
- 2006^t **J. Bulbulia**, Why evolutionary niche construction matters to evolutionary understandings of religion. University of Copenhagen, Copenhagen, Denmark. 14 December 2006.
- 2006^t **J. Bulbulia**, Constructing the schizophrenic niche: Cognitive adaptations for religious culture (featured speaker). Evolution and Religion Workshop, Institute for Cognition and Culture. Queens

- University Belfast, Northern Ireland. 30 October 2006.
- 2006^t **J. Bulbulia**, Religious cognition, social cognition, and moral niche construction. Danish Society for Philosophy of Psychology. Copenhagen, Denmark. September 2006.
- 2006^t **J. Bulbulia**, The cognitive origins of religion: what cultural inheritance does not explain. International Association for the Cognitive Science of Religion. Aarhus, Denmark. January 2006.
- 2009 J. Bulbulia (AI). Aarhus University, MindLAB, Denmark: **Housing and accommodation grant, NZD 5,000.**
- 2009 J. Bulbulia (PI) and M. Frean (AI). Victoria University URF: **The evolutionary dynamics of religious culture: NZD 17,000.**
- 2008 J. Bulbulia (AI), J. Aarhus University, MindLAB, Denmark: **Interacting Minds, Travel Grant: NZD 4,000.**
- 2008 J. Bulbulia (AI), J. European Science Foundation: **ESF Travel and Accommodation Grant: NZD 6,000.**
- 2007 R. Sosis (PI), J. Bulbulia (AI), G. P. R., and C. Genet. Sir John F. Templeton Foundation: **JFT Grant: Hawaii Evolution and Religion Conference: USD 30,000.**
- 2006 J. Bulbulia. Aarhus University, Religion, Cognition, Culture. Denmark. **Guest Professor, Religion Cognition and Culture: NZD 80,000.**

Service

Professional

- 2012 Ernst Strugmann Forum: Cultural Evolution (Religion) Rappporteur. 26 May–1 June, 2012.
- 2008→ Steering committee, [Cognitive Study of Religion Group](#), [American Academy of Religion](#).
- 2008→2010 Co-chair, Explanation, International Association for the History of Religions Conference. Toronto, Canada. 2010.
- 2006→ International Fellow, Religion Cognition and Culture. Aarhus University.
- 2006→2010 Member, Faculty of Humanities and Social Sciences Research Committee.

Victoria

- 2015→ Religious Studies Seminar Series.
- 2011→ Convener and Chair, Animal Ethics Committee, Victoria University.
- 2008→2015 Honours Coordinator, Religious Studies, Victoria University.
- 2006→2010 Faculty of Humanities and Social Sciences Research Committee.
- 2003→2008 School Marketing Committee.
- 2001→2005 Programme Library Liaison.

Referee

Asian Journal of Social Psychology
 Behavior and the Brain Sciences
 Biology and Philosophy
 Bloomsbury Press
 Cambridge University Press
 Cognition
 Current Anthropology
 Evolution and Human Behavior
 Evolutionary Psychology
 Human Nature
 Journal of Economic Psychology
 International Journal of Intercultural Relations

International Journal for the Psychology of Religion
Israel Journal of Ecology and Evolution (IJEE)
Journal of the American Academy of Religion
Journal of Cognition and Culture
Journal of Cross Cultural Psychology
Journal for the Cognitive Science of Religion
Oxford University Press
PLOS One
Proceedings of the National Academy of Sciences
Religion
Religion, Brain & Behavior
The Quarterly Review of Biology