# Curriculum Vitae

# Eleanor A. Power

London School of Economics and Political Science Department of Methodology Houghton Street, London, WC2A 2AE, UK E.A.Power@lse.ac.uk

https://eapower.github.io/ Google Scholar and ORCID

Current as of: July 20, 2021

## **EDUCATION**

2015 Ph.D. in Anthropology, Stanford University

2008 M.Sc. with Distinction in Human Evolution & Behaviour, University College London

2007 B.A. with Honors, Magna Cum Laude in Anthropology and Old World Archaeology

& Art, Brown University

# PROFESSIONAL POSITIONS

2017 – Assistant Professor, Department of Methodology, London School of Economics and

Political Science

2015 – 2017 Omidyar Fellow, Santa Fe Institute

# AWARDS & HONOURS

2019, 2020, 2021	LSE Excellence in Education Award
2018	New Investigator Award, European Human Behaviour and Evolution Association
2015	Evolutionary Anthropology Society Graduate Student Paper Prize
2015	The Anthropology Prize for Academic Performance, Stanford University
2015	Centennial Teaching Assistant Award, Stanford University
2010	Best Poster Prize, European Science Days 2010 on Signaling Theory
2007	Election to Phi Beta Kappa, Brown University
2004, 2005	Karen Romer Undergraduate Teaching & Research Award, Brown University

# **PUBLICATIONS**

#### In Progress

Submitted Elspeth Ready and Eleanor A. Power. Measuring reciprocity: Double sampling,

concordance, and network construction. Preprint.

Submitted Daniel Redhead and Eleanor A. Power. Social hierarchies and social networks in

humans.

Submitted Francesca Giardini, Daniel Balliet, Eleanor A. Power, Szabolcs Számadó, and Károly Takács. The language of cooperation: reputation, gossip, and signaling.

Accepted Marion Dumas, Jessica L. Barker, and Eleanor A. Power. When does reputation lie? Dynamic feedbacks between costly signals, social capital, and social prominence. Philosophical Transactions of the Royal Society B: Biological Sciences.

Accepted Nichola J. Raihani and Eleanor A. Power. No good deed goes unpunished: the social costs of prosocial behaviour. Evolutionary Human Sciences. Preprint.

Accepted Károly Takács, Jörg A. J. Gross, Martina Testori, Srebrenka Letina, Adam R. Kenny, Eleanor A. Power, and Rafael P. M. Wittek. Networks of reliable reputation and cooperation: a review. Philosophical Transactions of the Royal Society B: Biological Sciences.

#### Published

2020 Martina Contisciani, Eleanor A. Power, and Caterina De Bacco. Community detection with node attributes in multilayer networks. Scientific Reports. 10(1):15736.

2020 John H. Shaver, Eleanor A. Power, Benjamin G. Purzycki, Joseph Watts, Rebecca Sear, Mary K. Shenk, Richard Sosis, and Joseph A. Bulbulia. Church attendance and alloparenting: An analysis of fertility, social support, and child development among English mothers. Philosophical Transactions of the Royal Society B: Biological Sciences. 375(1805):20190428.

> Andrew Berdahl, Christa Brelsford, Caterina De Bacco, Marion Dumas, Vanessa Ferdinand, Joshua A. Grochow, Laurent Hébert-Dufresne, Yoav Kallus, Christopher P. Kempes, Artemy Kolchinsky, Daniel B. Larremore, Eric Libby, Eleanor A. Power, Caitlin A. Stern, and Brendan Tracey. Dynamics of Beneficial Epidemics. Scientific Reports. 9(1):15093.

Eleanor A. Power and Elspeth Ready. Cooperation beyond consanguinity: Postmarital residence, delineations of kin, and social support among South Indian Tamils. Philosophical Transactions of the Royal Society B: Biological Sciences. 374(1780): 20180070.

Jeremy Koster, Dieter Lukas, David Nolin, Eleanor A. Power, Alex Alvergne, Ruth Mace, Cody T. Ross, Karen Kramer, Russell Greaves, Mark Caudell, Shane Macfarlan, Eric Schniter, Robert Quinlan, Siobhan Mattison, Adam Reynolds, Chun Yi-Sum, and Eric Massengill. Kinship Ties Across the Lifespan in Human Communities. Philosophical Transactions of the Royal Society B: Biological Sciences. 374(1780):20180069.

Jessica Barker\*, Eleanor A. Power\*, Stephen Heap, Mikael Puurtinen and Richard Sosis. Content, Cost, and Context: A Framework for Understanding Human Signaling Systems. Evolutionary Anthropology. [\*: co-first authors]

Eleanor A. Power and Elspeth Ready. Building Bigness: Reputation, Prominence, and Social Capital in Rural South India. American Anthropologist. 120(3):444-459.

Eleanor A. Power. Collective Ritual and Social Support Networks in Rural South India. Proceedings of the Royal Society B: Biological Sciences. 285(1879):20180023.

Rebecca Bliege Bird, Elspeth Ready, and Eleanor A. Power. The Social Significance of Subtle Signals. Nature Human Behaviour. 2(7):452-457.

Elspeth Ready and Eleanor A. Power. Why Wage-Earners Hunt: Food Sharing, Social Structure, & Influence in an Arctic Mixed Economy. Current Anthropology. 59(1): 74-97.

2019

2019

2019

2019

2018

2018

2018

2018

2018 **Eleanor A. Power**. Invited Article Commentary: *Praxis* and *Doxa*: What a Focus on Ritual Can Offer Evolutionary Explanations of Religion. Religion, Brain and Behavior. 8(4):434-436. 2017 Caterina De Bacco, Eleanor A. Power, Daniel Larremore, and Cris Moore. Community Detection, Link Prediction and Layer Interdependency in Multilayer Networks. Physical Review E. 95(4):042317. 2017 Eleanor A. Power. Social Support Networks and Religiosity in Rural South India. Nature Human Behaviour. 1:0057. 2017 Eleanor A. Power. Discerning Devotion: Testing the Signaling Theory of Religion. Evolution and Human Behavior. 38(1):82-91. 2017 Eleanor A. Power. The Roman-Byzantine Baths Adjacent to the Great Temple. Petra Great Temple Volume 3: Brown University Excavations 1993-2008, Architecture and Material Culture. Oxbow Press, Philadelphia, PA. 188-202. 2016 **Eleanor A. Power**. Invited Article Commentary: The Primacy of Social Support. Religion, Brain and Behavior. 7(3):255-258. 2015 Rebecca Bliege Bird and Eleanor A. Power. Prosocial Signaling and Cooperation Among Martu Hunters. Evolution and Human Behavior. 36(5):389-397. 2014 Douglas J. McCauley, Hillary S. Young, Roger Guevara, Gareth J. Williams, Eleanor A. Power, Robert B. Dunbar, Douglas W. Bird, William H. Durham, & Fiorenza Micheli. Positive and Negative Effects of a Threatened Parrotfish on Reef Ecosystems. Conservation Biology. 28(5):1312-1321. 2014 Douglas J. McCauley, Hillary S. Young, Eleanor A. Power, Douglas W. Bird, William H. Durham, Alex McInturff, Robert B. Dunbar, & Fiorenza Micheli. Pushing Back Against Paper-Park Pushers – Reply to Craigie et al. Biological Conservation. 172:223-224.2013 Douglas J. McCauley, Eleanor A. Power, Douglas W. Bird, Alex McInturff, Robert B. Dunbar, William H. Durham, Fiorenza Micheli, & Hillary S. Young. Conservation at the Edges of the World. Biological Conservation. 165 (September): 139-145. 2005 Robert J. Losey and Eleanor A. Power. Shellfish Remains from the Par-Tee Site (35-CLT-20), Seaside, Oregon: Making Sense of a Biased Sample. Journal of Northwest Anthropology 39(1):1-20. Dissertation & Thesis 2015Eleanor A. Power. Building Bigness: Religious Practice and Social Support in Rural South India. Doctoral Dissertation. Stanford University, Stanford, CA. 2008 Eleanor A. Power. Costly Signalling in Religious Groups: The American Congregational Giving Study (1993). M.Sc. in Human Evolution and Behaviour Dissertation, University College London, London, UK.

### Grants & Fellowships

2020 UKRI Economic and Social Research Council Research Methods Development Grant (with Caterina De Bacco & Daniel Redhead)

2019 Research Infrastructure and Investment Fund (RIIF) Seed Fund, London School of Economics & Political Science

2016 –	National Science Foundation Interdisciplinary Behavioral & Social Science Research Grant (with Jeremy Koster, Monique Borgerhoff Mulder, Samuel Bowles, & Matthew Jackson)
2015 - 2016	Max Weber Fellowship at the European University Institute (declined)
2011 - 2013	National Science Foundation Doctoral Dissertation Improvement Grant
2011 - 2012	Fulbright-Nehru Student Researcher Award
2011	Graduate Student Research Fellowship, Stanford Center for South Asia
2010, 2011	Foreign Language Area Studies Summer Fellowship, UC Berkeley
2010	Summer Foreign Language Study Grant, Department of Anthropology, Stanford
2009, 2010	Graduate Travel Grant, Department of Anthropology, Stanford
2008 - 2014	Humanities and Science Fellowship, Stanford
2007	Arnold Ayer Archaeological Fellowship, Brown University

# Presentations

	Invited Lectures
2021	Institute for Advanced Study in Toulouse Seminar Series. June 22.
	Vrije Universiteit Amsterdam & University of Copenhagen Amsterdam-Copenhagen Cooperation Colloquia. June 18. Link
	Utrecht University Cooperative Relations Seminar. April 21.
	Pennsylvania State University Anthropology Colloquium. March 31.
2020	Laboratory for the Experimental Research of Religion. November 5 and 6.
	g, ,

2019	London School of Economics & Political Science International Development Department Research Seminar (London, UK). November 13.
	$International\ Centre\ for\ Theoretical\ Sciences\ Summer\ Program\ on\ Dynamics\ of\ Complex\ Systems\ (Bengaluru,\ India).\ July\ 9-10.$

Brunel University London Centre for Culture and Evolution (London, UK). February 13.

2018	University of Oxford Oxford Internet Institute - Nuffield Social Networks Seminar
	Series (Oxford, UK). May 29.

London School of Hygiene and Tropical Medicine Evolutionary Demography Seminar (London, UK). April 19.

University College London Evolutionary Anthropology Seminar (London, UK). February 20.

 $London\ School\ of\ Economics\ \mathcal{C}\ Political\ Science\ Anthropology\ Department\ Research$ Seminar (London, UK). February 9.

2017 University of Utah Department of Anthropology (Salt Lake City, UT). November 2. Aarhus University Interacting Minds Centre (Aarhus, Denmark). March 16.

2016

University of Oxford Institute of Cognitive & Evolutionary Anthropology (Oxford, UK). May 12.

Arizona State University Evolution of Social Complexity Colloquium (Tempe, AZ). April 27.

University of New Mexico Anthropology Colloquium Series (Albuquerque, NM). March 3.

2015

Chapman University Institute for the Study of Religion, Economics & Society Seminar Series (Orange, CA). November 11.

University of California at Los Angeles Center for Behavior, Evolution, and Culture Speaker Series & UCLA Center for India and South Asia (Los Angeles, CA). November 9. Link

University of Connecticut Department of Anthropology (Storrs, CT). September 10.

### Conference Presentations

2021

The Economic Network Dynamics and the Origins of Wealth Project. *Networks 2021* (virtual). With Daniel Redhead and Jeremy Koster. July 6.

Latent Network Models for Multiply-Reported Data. *Networks 2021* (virtual). With Caterina De Bacco (presenting), Daniel Redhead, Tracy M. Sweet, Jean-Gabriel Young, Hadiseh Safdari, Martina Contisciani, Diego Baptista, Jeremy Koster, Cody T. Ross, and Richard McElreath. July 6.

How networks form: an anthropologist's view on measuring and understanding social networks. Statistical Inference for Network Models (virtual). June 23. (plenary)

Gender and social capital in rural South India: Outlining distinct strategies of socialization and support. American Association of Biological Anthropologists Annual Meeting (virtual). April 9.

An anthropologist's application of network tools: Communitas, bigness, and reputational poverty traps. Complex Networks Winter Workshop (virtual). January 13. (plenary)

2019

Cooperation beyond consanguinity: Post-marital residence, delineations of kin, and social support among South Indian Tamils. *American Anthropological Association Annual Meeting* (Vancouver, Canada). November 23.

Cross-cultural variation in the structure of human social relations: Baselines, variance, and the role of measurement. *International Society for Human Ethology* (Zadar, Croatia). August 23.

Faith in the Faithful: Religious Practice, Reputation, and Social Support Networks in Rural South India. *NetSci* (Burlington, VT). May 30. (plenary)

The relative contributions of relatedness and kinship to social support in rural Tamil Nadu. European Human Behaviour and Evolution Association conference (Toulouse, France). April 25.

Fostering Unity: Collective ritual and social cohesion in three religious denominations. Center for Mind and Culture Colloquium (Boston, MA). March 8.

2018

From Big Men to Bigness: The Entanglement of Prominence, Generosity, and Social Support. *Cognition, Behavior & Evolution Network Conference* (Antwerp, Belgium). November 23. (plenary)

The Complexity of Cooperation on Networks. Cooperation: Interdisciplinary Methods (Lille, France). October 30.

Faith in the Faithful: Religious Practice, Reputation, and Social Support Networks in Rural South India. European Human Behaviour and Evolution Association conference

(Pécs, Hungary). April 7. (plenary)

Faith in the Faithful: Religious Practice, Reputation, and Social Support Networks in Rural South India. Future Directions on the Evolution of Rituals, Beliefs and Religious Minds (Erice, Sicily, Italy). May 10. (plenary)

2017

Measuring *Communitas*: Collective Worship and Social Support Networks in Rural South India. *The Evolution of Religion II* (Santa Ana Pueblo, NM). November 14.

Community detection, link prediction, and layer interdependence in multilayer networks. *International School and Conference on Network Science* (Indianapolis). With Caterina De Bacco (presenting), Daniel Larremore and Cristopher Moore. June 23.

Measuring Communitas: Collective Worship and Social Networks in Rural South India. Society for Applied Anthropology Annual Meeting (Santa Fe, NM). March 29.

2016

Seeing Beyond the Obvious: Status and Social Capital in Rural South India. American Anthropological Association Annual Meeting (Minneapolis, MN). November 19.

Ranked Communities and the Detection of Dominance and Influence Hierarchies. *Conference on Complex Systems* (Amsterdam, The Netherlands). With Daniel Larremore (presenting) and Laurent Hébert-Dufresne. September 21.

When Does Reputation Lie? Dynamic Feedbacks between Reputation, Social Structure, and Wealth. *Behavioral Discussion Group*, Santa Fe Institute (Santa Fe, NM). August 2. With Marion Dumas.

Measuring Communitas: Collective Worship and Social Networks in Rural South India. Human Behavior and Evolution Society Conference (Vancouver, CA). July 2.

Faith in the Faithful: Social Support Networks and Religiosity in Rural South India. *Institute for the Study of Religion, Economics, and Society Graduate Student Workshop* (Chapman University, Orange, CA). June 11.

Ranked Communities and the Detection of Dominance and Influence Hierarchies. *International School and Conference on Network Science* (Seoul, Korea). With Daniel Larremore (presenting) and Laurent Hébert-Dufresne. June 1.

Multilayer Social Support Networks from Rural South India. *Multidimensional Networks Symposium* (University of California, Davis). May 21.

Building Bigness: Religious Practice and Social Support in Rural Social India. Association of Religion, Economics, and Culture Conference (Copenhagen, Denmark). May 17.

The Subtle Aggrandizer and the Skeptical Audience. European Human Behaviour and Evolution Association conference (London, UK). April 4. With Rebecca Bliege Bird.

2015

Subtle and Dramatic: Strategies of Religious Signaling in Rural South India. American Anthropological Association Annual Meeting (Denver, CO). November 20.

Religious Signals, Dramatic and Subtle. California Workshop on Evolutionary Social Science (San Luis Obispo, CA). April 26.

2014

Communicating Commitment: Costly Signals of Devotion in Rural South India. American Anthropological Association Annual Meeting (Washington, DC). December 4.

Flows, Networks, and Matrices: The Intimacies of Caste in Rural South India. *Annual South Asia Conference* (Madison, WI). October 19.

2013

Building Bigness: Social Support Networks and Social Capital in Rural South India. American Anthropological Association Annual Meeting (Chicago, IL). November 23. Rituals of Distinction: Public Religious Practice and Social Capital in South India. Annual South Asia Conference (Madison, WI). October 18. 2012 "The Potential for Excellence": The Demographic Transition in Rural South India.

American Anthropological Association Annual Meeting (San Francisco, CA). Novem-

ber 17.

The Signaling Value of Social Exchange: Anthropological perspectives on generosity, altruism, and the provisioning of public goods. *New Developments in Signaling and Game Theory* (Zürich, Switzerland). October 16. With Rebecca Bliege Bird.

Parading the Urmakkal: Public Religious Life in Village Tamil Nadu. South and

Central Asia Fulbright Conference (Kochi, Kerala, India). March 6.

Nylon String, Digital Diviners, and Text Messages: Subtle Technological Changes to

Tradition in Tamilnadu. Berkeley Tamil Conference (Berkeley, CA). May 1.

2010 Costly Requirements and Signaling in Religious Groups: The American Congrega-

tional Giving Study. European Science Days (Steyr, Austria). July 15.

### RESEARCH EXPERIENCE

2017 – present The ENDOW Project

Co-director of the ENDOW project, a collaborative network of social scientists interested in cross-cultural comparative work.

2009 – present Public Ritual in Tamil Nadu, India

Research on religious practice and social support networks in South India. Three summers of preliminary research on festivals for the goddess in Madurai, followed by 20 months of dissertation fieldwork between October 2011 and August 2013 in two villages in Tamil Nadu, India (Dissertation committee: Rebecca Bliege Bird, Tanya M. Luhrmann, Richard Sosis, James Holland Jones, Sharika Thiranagama). Additional fieldwork in July to September 2017.

2009 – 2011 Fishing and Coral Reef Ecosystems, Kiribati

Fieldwork on the effects of fishing on coral reef ecosystems with an interdisciplinary team of ecologists, biogeochemists, and anthropologists on the island of Tabuaeran, Kiribati. Co-PIs: Douglas McCauley, Hillary Young, Fiorenza Micheli, Douglas Bird, Robert Dunbar, and William Durham.

American Congregational Giving Study

Masters research using a survey of 625 US Christian congregations regarding religious

giving and involvement, supervised by Ruth Mace.

2007 Vorotan Project, Armenia

Archaeological survey project in Armenia, directed by Susan Alcock and John Cherry.

 $2003-2008 \qquad \quad \textit{Petra Great Temple Excavation, Jordan}$ 

Excavation of the Great Temple in Petra, Jordan, led by Martha Sharp Joukowsky.

2003 Smithsonian Institution, Washington, D.C.

Analysis of a prehistoric shell midden in Oregon, curated by the National Museum of

Natural History, supervised by Robert Losey.

#### TEACHING EXPERIENCE

2008

#### Instructor ships

2018, 19, 20 Fundamentals of Research Design (LSE MY400, MY401, MY410)

Designed course and delivered lectures for multiple versions of the main MY400 course, most notably for all MSc students in International Development (MY410), newly offered in 2018-2019, and for the MSc in Management of Information Systems and Digital Innovation (MY401). (Generally co-taught).

2018, 19, 20 Social Network Analysis (LSE MY461)

Designed course, delivered lectures, and directed seminars for a new course on social network analysis, open to MSc students from across the LSE. Covers the basics of social network analysis, using R. (Co-taught with Dr. Milena Tsvetkova).

2018, 19 Introduction to Quantitative Analysis (LSE MY451)

Delivered lectures for this course, which introduces students from across the LSE to descriptive and inferential statistics, ending with multiple linear regression.

2018, 19 Applied Regression Analysis (LSE MY452)

Directed seminars for this course, which covers linear and logistic regression, using students' choice of SPSS, STATA, or R.

 $Social\ Theory,\ Social\ Complexity,\ \mathcal{E}\ Social\ Networks\ (Santa\ Fe\ Institute\ Complex \ Complex \$ 

Systems Winter School in Mohali, India)

2015 Undergraduate Research Proposal Writing Workshop (Stanford, Anthropology)

2012 Critical Theory & Ethnographies of South India (South India Term Abroad program)

#### Teaching Assistantships

2014 Introduction to Graduate Studies (for Sylvia Yanagisako, Stanford)

2014 Introduction to Cultural & Social Anthropology (for Miyako Inoue, Stanford)

2010, 11, 13 Sex & Gender (for Rebecca Bliege Bird, Stanford)

2010 Culture & Madness (for Tanya M. Luhrmann, Stanford)

2009 Human Origins (for Richard Klein, Stanford)

#### Professional Affiliations & Workshop Organisation

Member: American Anthropological Association (2010 – present)

Evolutionary Anthropology Society (2010 – present)

European Human Behaviour and Evolution Association (2016 – present) American Association of Physical Anthropologists (2020 – present)

Cultural Evolution Society (2016 – 2018)

Society for Anthropological Sciences (2016 - 2018) Human Behavior and Evolution Society (2016 - 2018)

California Workshop on Evolutionary Social Sciences, Campus Organizer (2015)

Stanford Network Forum (2014 – 2015)

Stanford Anthropology Graduate Student Representative (2009 – 2011)

Stanford Signaling Group (2008 – 2015)

Stanford Human Spatial Dynamics Lab (2008 – 2015)

Organizer: Economic Network Dynamics of Wealth and Inequality SFI Workshop (2020)

AAA session: "Behavioral ecology of social ties and social structure" (2019)

Lortenz Centre workshop on "The Language of Cooperation: Reputation and Honest

Signaling" (2019) co-organizer

AAA session: "Finding Insights in the Field: Ethnographic Experience & the Scien-

tific Process" (2016)

AAA session: "Strategies of Support: Tradeoffs & Constraints in Navigating Social

Position" (2015)

Human Cooperation SFI Working Group (2015)

Stanford Lang Colloquium Series (2014)

"Codes of the Underworld: Trust, Honesty, and Symbolic Communication: An Interdisciplinary Symposium with Diego Gambetta" (2010)

#### SERVICE

Editorial Board: Political Economy, Markets and Institutions section of Global Perspectives

Reviewer: American Anthropologist

American Ethnologist Behavioral Ecology Current Biology

Evolutionary Anthropology Evolution & Human Behavior Evolutionary Human Sciences

Global Perspectives Human Nature Leadership Quarterly Leakey Foundation

National Science Foundation Cultural Anthropology (DDRIG panel, ad hoc reviewer)

Nature Human Behaviour

PLoS ONE Poetics

Proceedings of the Royal Society B: Biological Sciences

Princeton University Press Psychological Review

Religion

Religion, Brain & Behavior Royal Society Open Science

Social Forces

Social Psychiatry and Psychiatric Epidemiology

Trends in Ecology and Evolution

Consultant: Project consultant to Joseph Bulbulia's Templeton Foundational Grant TRT0196

"Quantifying the dynamic interplay between virtue and human flourishing: a national-

scale longitudinal study"

Project consultant to John Shaver grant

Examiner: External PhD Thesis Examiner, Victoria University of Wellington, New Zealand

Internal PhD Thesis Examiner, London School of Economics & Political Science

External PhD Thesis Examiner, Oxford University

External PhD Thesis Examiner, University College London

Advising: Poorvi Iyer, PhD Candidate in Social Research Methods, LSE, 2018 - present

Ivan Deschenaux, ESRC Post-doctoral Fellow, LSE, 2020 - present

# References

#### Rebecca Bliege Bird

Professor, Department of Anthropology, Pennsylvania State University <br/>rub33@psu.edu, +1.650.723.8839

### Richard Sosis

Professor, Department of Anthropology, University of Connecticut richard.sosis@uconn.edu, +1.339.237.7173

#### Samuel Bowles

Professor, Santa Fe Institute & Professor, University of Siena bowles@santafe.edu, +1.505.946.3645

#### James Holland Jones

Associate Professor, Department of Earth Systems Science, Stanford University jhj1@stanford.edu, +1.650.721.2484

# Tanya M. Luhrmann

Professor, Department of Anthropology, Stanford University luhrmann@stanford.edu, +1.650.723.3421

#### Laura Fortunato

Associate Professor, Institute of Cognitive and Evolutionary Anthropology, Oxford University & External Professor, Santa Fe Institute laura.fortunato@anthro.ox.ac.uk, +44.1865.284971

#### Mirta Galesic

Cowan Chair in Human Social Dynamics, Santa Fe Institute galesic@santafe.edu, +1.505.946.2703

#### Sharika Thiranagama

Associate Professor, Department of Anthropology, Stanford University sharikat@stanford.edu, +1.650.736.4306