# Thomas J. H. Morgan, Ph.D.

School of Human Evolution and Social Change Institute of Human Origins Arizona State University 900 S. Cady Mall, Tempe, AZ 85287 thomas.j.h.morgan@asu.edu www.eccolab.org

# Positions and Education

# Academic positions

2022–present	Associate Professor of Evolutionary Anthropology, Arizona State University School of Human Evolution and Social Change	
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	Institute of Human Origins	
	Adaptation, Behavior, Culture and Society Research Group	
	Global Biosocial Complexity Initiative	
2016-2022	Assistant Professor of Evolutionary Anthropology, Arizona State University	
2014–2016	Postdoctoral Researcher, UC Berkeley	

#### Education

2009-2013	Ph.D., Biology, University of St Andrews
2006-2009	B.A., Zoology, University of Cambridge

# Research

# Grants & funding

## Total funded grants \$6,761,168; total Morgan sub-awards \$1,064,357.

3	2022-	Co-PI on \$1,500,000 grant TWCF-2021-20648 from the Templeton
	2026	World Charity Foundation through the Diverse Intelligences
		program. Titled "Understanding Diverse Intelligences via Diverse
		Constraints" and in collaboration with Princeton University and St
		Andrews University. Morgan sub-award \$265,777.
2	2016-	Co-PI on \$4,786,471 grant FP00007906 from DARPA through NGS2.
	2020	Project entitled "Culture-On-A-Chip Computing: Crowdsourced
		Simulations of Culture, Group Formation, And Collective Identity", in
		collaboration with UC Berkeley. Morgan sub-award \$798,580.
1	2015-	Postdoctoral researcher on \$474,697 grant 1456709 from the NSF,
	2018	PI Thomas Griffiths. I co-wrote the application and was named
		personnel, but not a co-PI. Project entitled "Testing evolutionary
		hypotheses through large-scale behavioral simulations".

Peer reviewed publications: 35

Total citations: 3080

h-index: 17 i10-index: 24

<sup>\*&#</sup>x27;s denote joint first authorship. <u>Underlined</u> authors are postdocs or graduate students under my supervision.

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35	2025	Watson, R.O. & Morgan T.J.H. An experimental test of epistemic vigilance: Competitive incentives increase dishonesty and reduce social influence. Cognition.
34	2025	<b>Morgan T.J.H.</b> & Feldman M.W. Human culture is uniquely open-ended rather than uniquely cumulative. Nature Human Behaviour.
33	2024	Manning, M.L., Thompson B & Morgan T.J.H. Norm reinforcement, not conformity or environmental factors, is predicted to sustain cultural variation. Evolutionary Human Sciences.
32	2024	Turner, C.R., <b>Morgan T.J.H.</b> & Griffiths, T.L. Environmental complexity and regularity shape the evolution of cognition. Proceedings of the Royal Society B.
31	2024	Morgan, T.J.H. & van Leeuwen, E.J.C. Conformist Transmission. In The Oxford Handbook of Cultural Evolution. Eds. Tehrani, J.J., Kendal, R. & Kendal, J.
30	2024	Watson, R.O., Morgan, T.J.H., Kendal R.L., van de Vyver, J. & Kendal, J. Investigating the effects of social information on spite in an online game. Evolutionary Human Sciences.
29	2024	<u>Foreman M.L.</u> & <b>Morgan, T.J.H.</b> Prestige, conformity and gender consistency support a broad-context mechanism underpinning mate-choice copying. Evolution & Human Behavior.
28	2023	Derex, M. & <b>Morgan T.J.H.</b> The Cultural Transmission of Technological Skills. In The Oxford Handbook of Cultural Evolution. Eds. Tehrani, J.J., Kendal, R. & Kendal, J.
27	2023	Burchill, A.T., Sanders A. & Morgan, T.J.H. Inferring the age and sex of ancient potters from fingerprint ridge densities: A data-driven, Bayesian mixture modelling approach. MethodsX.
26	2022	<b>Morgan, T.J.H.</b> *, Suchow, J.W.* & Griffiths, T.L. The experimental evolution of human culture: flexibility, fidelity and environmental instability.

		Proceedings of the Royal Society: B.
25	2021	<u>Watson, R.</u> , <b>Morgan, T.J.H.</b> , Kendal, Rachel L., Vyver, Julie Van De, Kendal, Jeremy. Social Learning Strategies and Cooperative Behaviour: Evidence of Payoff Bias, but Not Prestige or Conformity, in a Social Dilemma Game. Games.
24	2021	Brand, C.O., Mesoudi, A., <b>Morgan T.J.H.</b> Trusting the experts: The domain specificity of prestige-biased social learning. PLoS One.
23	2021	van Leeuwen, E.J.C., <b>Morgan T.J.H.</b> & Riebel, K. Foraging zebra finches (Taeniopygia guttata) use public information rather than conforming to majorities. Biology Letters.
22	2021	<u>Tiokhin, L.</u> , Panchanathan, K., Lakens, D., Vazire, S., <b>Morgan, T.J.H.</b> , Zollman, K., Honest Signaling in Academic Publishing. PLoS ONE.
21	2021	<u>Tiokhin L.</u> , Yan M., <b>Morgan T.J.H</b> . Competition for priority and the cultural evolution of research strategies. Nature Human Behaviour.
20	2020	<b>Morgan T.J.H.</b> & Thompson, B. Biased transformation erases traditions sustained by conformist transmission. Biology Letters.
19	2020	Miu E., Morgan T.J.H. Cultural adaptation is maximized when intelligent individuals rarely think for themselves. Evolutionary Human Sciences.
18	2020	Brand C.O., Heap S., <b>Morgan T.J.H.</b> , Mesoudi A. The emergence and adaptive use of prestige in an online social learning task. Scientific Reports.
17	2020	<b>Morgan, T.J.H.</b> *, Suchow J.W.* & Griffiths T.L., Experimental evidence for the coevolution of learning and memory. Philosophical Transactions of the Royal Society B.
16	2020	<b>Morgan, T.J.H.,</b> Suchow J.W. & Griffiths, T.L. What the Baldwin Effect affects depends on the nature of plasticity. Cognition.
15	2019	<u>Lenfesty, H. L.</u> , <b>Morgan, T. J. H.</b> , By reverence, not fear: Prestige, religion, and autonomic regulation in the evolution of cooperation. Frontiers in Psychology.
14	2019	<b>Morgan, T.J.H.</b> , Acerbi, A. & van Leeuwen, E.J.C. Defining the majority in conformity research: instances versus individuals. PlosONE.
13	2019	Brand, C.O., Ounsley, J.P., van der Post, D., <b>Morgan T.J.H.</b> Cumulative Science via Bayesian Posterior Passing: An introduction. Metapsychology.
12	2018	Street, S.E.*, <b>Morgan, T.J.H.</b> *, Thornton, A., Brown, G.R., Laland, K.N. & Cross C.P. Human mate-choice copying is domain general social learning. Scientific Reports. (83 <sup>rd</sup> most read publication in Scientific Reports of 2018, out of 17,000 total publications).

11 2016 Cross, C.P., Brown, G.R., Morgan, T.J.H. & Laland, K.N. Sex differences in confidence influence patterns of conformity. British Journal of Psychology. 1-13. 10 2016 Morgan, T.J.H. Testing the Cognitive and Cultural Niche Theories of Human Evolution. Current Anthropology. 57(3): 370–377. 9 2016 Muthukrishna, M., Morgan, T. J. H., & Henrich, J. The when and who of social learning and conformist transmission. Evolution and Human Behavior, 37(1), 10–20. 8 2015 Morgan, T.J.H., & Griffiths, T.L. What the Baldwin Effect affects. Proceedings of the 37th Annual Conference of the Cognitive Science Society. 7 Morgan, T.J.H., & Harris, P. L. James Mark Baldwin and contemporary 2015 theories of culture and evolution. European Journal of Developmental Psychology, 5629, 1–12. 6 2015 Morgan, T. J. H., Uomini, N.T., Rendell, L.E., Street, S.E., Lewis, H.M., Cross, C.P., Evans, C., Kearney, R., de la Torre, I., Whiten, A., & Laland, K.N. Experimental evidence for the co-evolution of hominin tool-making teaching and language. Nature Communications, 6, 1–8. 5 2014 Morgan, T.J.H., Laland, K.N. & Harris, P.L. The Development of Adaptive Conformity in Young Children: Effects of Uncertainty and Consensus. Developmental Science. 4 2013 Mesoudi, A., S. Blanchet, A. Charmantier, É. Danchin, L. Fogarty, E. Jablonka, K.N. Laland, T.J.H. Morgan, G.B. Müller, F.J. Odling-Smee & B. Pujol. Is Nongenetic Inheritance Just a Proximate Mechanism? A Corroboration of the Extended Evolutionary Synthesis. Biological Theory, 189–195. 3 2012 Morgan, T. J. H., & K. N. Laland. The Biological Bases of Conformity. Frontiers in Neuroscience 6, 1–7. 2 2011 Morgan, T. J. H., L. E. Rendell, M. Ehn, W. J. E. Hoppitt, & K. N. Laland. The Evolutionary Basis of Human Social Learning. Proceedings of the Royal Society B: Biological Sciences. 1 2011 Rendell, L.E., L. Fogarty, W.J.E. Hoppitt, T.J.H. Morgan, M.M. Webster, and K.N. Laland. Cognitive Culture: Theoretical and Empirical Insights into Social Learning Strategies. Trends in Cognitive Sciences 15, 68–76.

#### Peer reviewed journal articles in press, submission or preparation

- 2 In <u>Lenfesty H.</u>, **Morgan T.J.H**. Human prestige psychology is biased towards prep. oligarchic social structures.
- In Suchow J.W., **Morgan T.J.H.**, Lall V.H., Hamrick J.B., Meylan S.C., Mitchell prep. A.P., Wilkes M., Glick D.I., de la Guardia C., Snyder J.M., Kleinfeldt S.E. & Griffiths T.L. Fully automated behavioral experiments of cultural transmission through crowdsourcing.

## Non-peer reviewed publications

1 2020 <u>Miu E.</u>, Boyd R., Richerson P.J., **Morgan T.J.H**. A theory limited in scope and evidence. Behavioral and Brain Sciences.

## Non-peer reviewed book chapters

- 2 2015 Morgan, T. J. H., C. P. Cross & L. E. Rendell. Nothing in Human Behavior Makes Sense Except in the Light of Culture: Shared Interests of Social Psychology and Cultural Evolution. In Zeigler-Hill, V., L. L. M. Welling & T. K. Shackelford (eds) Evolutionary Perspectives on Social Psychology. Springer.
- Laland, K. N., A. Cowie, & T. J. H. Morgan. What animals other than primates can tell us about human cultural transmission. In Ellen, R., Lycett, S., Johns, S. (eds) Understanding Cultural Transmission in Anthropology. Berghahn: New York/Oxford.

#### **Textbooks**

1 2018 Morgan, T. J. H. Bones, Stones and Human Evolution. TopHat Monocle.

An interactive, online textbook. Includes 42 chapters, with text, images, videos, interactive elements and graded questions. Not peer reviewed.

#### **Book reviews**

- 4 2022 **Morgan, T. J. H.** Review of *The Evolution of Knowledge: Rethinking science* for the Anthropocene by Jurgen Renn. Evolutionary Studies in Imaginative Culture.
- 3 2021 **Morgan, T. J. H.** Review of *Beyond the Meme: Development and structure in cultural evolution* edited by Alan Love and William Wimsatt. Evolutionary Studies in Imaginative Culture.
- 2 2018 **Morgan, T. J. H.** Review of *A Different Kind of Animal: How Culture Transformed our Species* by Robert Boyd. Evolutionary Studies in Imaginative Culture. 2 (2) 115-118
- 1 2018 **Morgan, T. J. H.** Review of *Darwin's Unfinished Symphony* by Kevin N. Laland. Evolutionary Studies in Imaginative Culture. 2, 121-124.

#### Plenary talks

1 2023 Understanding Diverse Intelligences through Diverse Solutions to Constraints.

Morgan T.J.H & Seed A. Invited plenary at Diverse Intelligences Summit.

## Invited symposia and workshops

- 10 2024 The Evolution of Diverse Intelligences. **Morgan T.J.H.** Invited workshop at Princeton University.
- 9 2024 The Evolutionary Sweet Spot for Cognition. **Morgan T. J. H.** Invited workshop at the Simons Institute, UC Berkeley. <u>Video</u>.
- 8 2019 Opportunities for Cultural Evolutionary Developmental Psychology. **Morgan T.J.H.** Invited workshop at Santa Fe Institute.
- 7 2018 Experimental Human Gene-Culture Coevolution. **Morgan T.J.H.**, Suchow J.W. & Griffiths T.L. Departmental seminar series at UCLA. <u>Video</u>.
- 6 2018 Life History, Learning & Memory. **Morgan T.J.H.**, Suchow J.W. & Griffiths T.L. Invited workshop at UC Berkeley.
- 5 2018 Experimental Human Gene-Culture Coevolution. **Morgan T.J.H.**, Suchow J.W. & Griffiths T.L. Departmental seminar series at St Andrews University.
- 4 2018 Experimental Human Gene-Culture Coevolution. Morgan T.J.H., Suchow J.W. &

- Griffiths T.L. Departmental seminar series at Durham University.
- 3 2015 Gene-culture interactions and cognitive evolution. **Morgan T.J.H.** Departmental seminar series at UC Davis.
- 2 2014 The co-evolution of culture and cognition. **Morgan T.J.H.** Departmental seminar series at UC Berkeley.
- 1 2011 The evolutionary basis of human social learning. **Morgan, T. J. H.**, L. E. Rendell, M. Ehn, W. J. E. Hoppitt, & K. N. Laland. Departmental seminar series at Durham University.

## Conference presentations

- Prestige Psychology Drives Human Societies Towards Autocracy. **Morgan T.J.H.**, Lenfesty H.L., & Watson R.O. Cultural Evolution Society conference. UK.
- 17 2023 Human culture is special, but not because it's cumulative. **Morgan, T.J.H.** Diverse Intelligences Summit. UK.
- 2018 Experimental gene-culture coevolution of human social learning in a changing environment. Morgan T.J.H., Suchow J.W. & Griffiths T.L. Cultural Evolution Society Conference. USA.
- 15 2018 The empirical study of cognitive and demographic complexity in cultural evolution. **Morgan T.J.H.** Culture Conference. UK.
- 14 2016 Evolutionary consequences of learning, culture and complex behaviors. **Morgan T.J.H.** 85<sup>th</sup> annual meeting of the American Association of Physical Anthropologists. USA.
- 13 2015 How plasticity can re-direct evolution, **Morgan T.J.H.** EvoDevo PanAm. USA.
- 12 2015 What the Baldwin Effect affects, **Morgan T.J.H.**, Suchow J.W. & Griffiths T.L. CogSci Conference. USA.
- The social transmission of Oldowan lithic technology, **Morgan, T.J.H.**, Uomini, N. T., Rendell, L. E., Street, S. E., Lewis, H. M., Cross, C. P., Evans, C., Kearney, R., de la Torre, I., Whiten, A., & Laland, K. N. The Paleoanthropology Society Conference. USA.
- 10 2015 Gene-culture interactions and the evolution of human cognition. Morgan, T.J.H., Uomini, N.T., Rendell, L.E., Street, S.E., Lewis, H.M., Cross, C.P., Evans, C., Kearney, R., de la Torre, I., Whiten, A., & Laland, K.N. Society for American Archaeology Conference. USA.
- 9 2015 The development of adaptive conformity. **Morgan, T.J.H.**, Laland, K.N. & Harris, P.L. Society for Research in Child Development Conference. USA.
- 8 2014 What the Baldwin Effect affects. Morgan T.J.H., Suchow J.W. & Griffiths T.L.

- Human Behavior and Evolution Society Conference. Brasil.
- 7 2013 Confidence, consensus & conformity in children, **Morgan, T.J.H.**, Laland, K.N. & Harris, P.L. European Human Behaviour and Evolution Association Conference. Netherlands.
- 6 2013 Genetic control of non-genetic inheritance: Fact or fallacy? **Morgan T.J.H.** & Laland K.N. European Society for Evolutionary Biology. Portugal. <u>Video</u>.
- The social transmission of flint knapping technology, **Morgan, T.J.H.**, Uomini, N.T., Rendell, L.E., Street, S.E., Lewis, H.M., Cross, C.P., Evans, C., Kearney, R., de la Torre, I., Whiten, A., & Laland, K.N. European Human Behaviour and Evolution Association Conference. UK.
- 4 2012 Culture and decision making. Morgan T.J.H. Laland Lab Conference. UK.
- The evolutionary basis of social learning, **Morgan, T.J.H.**, L.E. Rendell, M. Ehn, W.J.E. Hoppitt, & K.N. Laland. Association for the Study of Animal Behaviour Summer Conference. UK.
- 2 2011 The evolutionary basis of human social learning. **Morgan, T.J.H.**, L.E. Rendell, M. Ehn, W.J.E. Hoppitt, & K.N. Laland. European Human Behavior and Evolution Association. Germany. (Awarded best student talk.)
- Social learning strategies in humans. Morgan, T.J.H., L.E. Rendell, M. Ehn, W.J.E. Hoppitt, & K.N. Laland. European Human Behaviour and Evolution Association Conference. Poland.

# Teaching and mentoring

# Teaching awards

- 2 2020 SHESC "Excellence in Teaching" award for ASM 494/594: Bayesian Statistics in Theory and Practice.
- SHESC "Innovation in Teaching" award worth \$1500 for ASM 104: Bones, Stones and Human Evolution.

#### Courses created

#### ASM 104 Bones, Stones and Human Evolution

- 4-unit cross-listed online lab class
- It is a core class offered by SHESC
- Rebuilt from scratch in 2016/2017
- Enrollment up to 1000 students per semester
- Awarded the SHESC "Innovation in Teaching" award (2018)

#### ASM 463/563 A Practical Guide to Bayesian Data Analysis

- An in-person class for undergraduates and graduate students
- Created in 2018, granted course number in 2022
- Awarded the SHESC "Excellence in Teaching" award (2020)

#### Courses taught

# Total of 7,961 students taught across 16 classes and 13 semesters; average of 498 students per class and 612 per semester.

Year		Couse	Enrollment
2025	Spring	ASM 300, Anthropological Sciences	16
2024	Fall	ASM 104 online, Bones Stones & Human Evolution	989
2023	Fall	ASM 463/563, A Practical Guide to Bayesian Data Analysis ASM 104 online, Bones Stones & Human Evolution	18 979
2023	Spring	ASM 246, Human Origins	74
2022	Fall	ASM 104 online, Bones Stones & Human Evolution	962
2022	Spring	ASM 494/594, Special Topics	12
2021	Fall	ASM 104 online, Bones Stones & Human Evolution ASM 300, Anthropological Sciences	880 24
2021	Spring	ASM 104 online, Bones Stones & Human Evolution	864
2020	Fall	ASM 104 online, Bones Stones & Human Evolution	993
2020	Spring	ASM 494/594, Special Topics	12
2019	Fall	ASM 104 online, Bones Stones & Human Evolution ASM 246, Human Origins	748 129

2018	Fall	ASM 104 online, Bones Stones & Human Evolution	705
2018	Spring	ASM 494/594, Special Topics	21
2017	Fall	ASM 104 online, Bones Stones & Human Evolution	551

# Postdoctoral researchers

2023-2024	Robin Watson. Went on to faculty position at Lincoln University, UK.
2018-2020	Elena Miu. Went on to postdoctoral positions at the MPI, Leipzig, and Aarhus University, Denmark.
2017-2020	Hillary Lenfesty. Went on to become a research associate at ASU.

# Graduate students

2024-present	James Zerbe. Chair.
2021-2025	Mason Manning. Chair. Went on to data analysis position in private sector.
2021-present	Hovig Artinian. Chair.
2021-present	Julia Phelps. Committee member.
2020-2023	Liam Gleason. Committee member.
2019-2021	Melanie Foreman, MA. Chair.
2018-2019	Leonid Tiokhin, PhD. Chair. Went on to a postdoctoral position at Eindhoven University of Technology.
2018-2024	James Zerbe. Committee member.
2018-present	Eunice Villasenor. Committee member.

## Credit bearing graduate student supervision

2025 Fall	Julia Phelps, Hovig Artinian, Mason Manning
2024 Fall	Julia Phelps, Hovig Artinian, Mason Manning
2024 Spring	Hovig Artinian, Mason Manning
2023 Fall	Mason Manning, James Zerbe, Hovig Artinian, Michael Baumgarten

2023 Spring Mason Manning, Hovig Artinian

2022 Fall Mason Manning, Marcos Martinez, Hovig Artinian

2022 Spring Hovig Artinian

2021 Fall Hovig Artinian, Mason Manning

2021 Spring Liam Gleason

2020 Fall Melanie Foreman

2020 Spring Melanie Foreman

2018 Fall James Zerbe

## Undergraduate students

2021-2022 Jeffery Pendleton. Provided credit bearing individualized instruction. He

went on to graduate studies at Cambridge University, UK.

Julia Phelps. I worked with her to develop and apply appropriate

models to complex anthropological data. She went on to graduate

studies in the anthropology program at ASU.

#### Honors contracts supervised:

2025 Spring Siobhan Gross, ASM 300

2024 Fall Adam Senkerik, ASM 104

2023 Fall Siena Webb, ASM 104

Patrick Forster, ASM 104

Varadha Tagarse, ASM 104

2021 Fall Ruby Maderafont, ASM 104

Robert Dolny, ASM 104

Marcos Huerta, ASM 104

Claire Agee, ASM 104

2020 Spring Tarun Suresh, ASM 494

## Service

#### External service roles

2019-2021	Member of Society for Research in Child Development (SRDC) "State of
	the Science" committee on cultural learning

2018 Cultural Evolution Society conference organizer.

#### Internal service roles

Major roles	
2025-	Director of Undergraduate Studies, SHESC, ASU.
2024-	Human Biology Degree Program Committee, SHESC, ASU.
2022-2024	Evolutionary Anthropology approach head, SHESC, ASU.
2018-2022	Personnel Committee member, SHESC ASU
Minor roles	
2023	Presidential Postdoc search committee member, SHESC, ASU.
2023	ESC speaker series organizer, IHO, ASU.
2022	Search committee member for faculty hire, SHESC, ASU.
2022-present	BCDs discussion group organizer, IHO, ASU.
2019	ESC Speaker Series organizer, SHESC, ASU.
2018	Search committee member for faculty hire, SHESC, ASU.

# Editorship and reviewing

Grants reviewed for the Leverhulme Trust (2023), the Leakey Foundation (2022) and the National Science Foundation (2017).

Associate Editor for *Humanities and Social Sciences Communications* (2023-present)

Ad hoc manuscript reviewer for Animal Behavior, Biology Letters, British Journal of Developmental Psychology, Cognitive Science, Current Anthropology, Evolutionary Human Sciences, Evolution and Human Behavior, Human Nature, International Journal of Behavioral

Development, Journal of Paleolithic Archaeology, Nature Communications, Nature Human Behaviour, Philosophical Transactions of the Royal Society B, PLoS Biology, PLoS ONE, PNAS, PNAS Nexus, Proceedings of the Royal Society B, Psychological Science, Royal Society Interface, Royal Society Open Science, and Scientific Reports.

#### Software

<u>Dallinger</u> is an online experimental-automation platform for the behavioral and social sciences. It facilitates the rapid execution of large-scale networked experiments that would otherwise be impossible. It is also freely available for anyone to use in their own research. I created Dallinger with my collaborator Jordan Suchow in 2014, and continue to develop and maintain it as well as train others to use it. Dallinger is currently used by tens of scientists, and data collected via Dallinger has appeared in more than 30 academic papers and conference presentations.

## Selected media coverage

2025	"The animals revealing why human culture isn't as special as we thought", Colin Barras, New Scientist (https://www.newscientist.com/article/mg26635374-000-the-animals-revealing-why-human-culture-isnt-as-special-as-we-thought/)
2024	Everything Hertz, ep. 184, "A race to the bottom", Dan Quintana & James Heathers, (https://everythinghertz.com/184).
2021	"Risk of being scooped drives scientists to shoddy methods", Cathleen O'Grady, Science, (doi:10.1126/science.abg7896).
2015	"Human language may have evolved to help our ancestors make tools", Michael Balter, Science, (doi:10.1126/science.aaa6332).
2015	"Toolmaking experiment suggests prehuman ancestors used words", David Perlman, SF Gate.
2015	"Man's first conversation was about DIY", Ellie Zolfagharifard, The Daily Mail.

# Outreach

2024	Public talk, "Experimenting with Human Evolution". Institute of Human Origins $50^{\text{th}}$ anniversary celebrations. <u>Video</u> .
2024	Blog post for the Human Behavior & Evolution Society, "Is the Mind a Swiss-Army Knife or a Crowbar?". <u>Link</u> .
2020	Project mentor for AP students at McNair Academic high school, NJ.
2019	Interviewed by science communicator Ricardo "The Dissenter" Lopez. Video of interview is available <u>online</u> .
2018	Interviewed by academic textbook publisher Tophat Monocle as part of their " <a href="Textbook heroes">Textbook heroes</a> " series.
2012-2013	Associate Researcher, St Leonard's School, St Andrews.  A paid position with the goal of educating final year high school students about current research, academic methodologies and university life.
2011	Hosted table at Royal Society 350 <sup>th</sup> Anniversary Science Expo, South Bank Centre, London.
2011	A large-scale event in London for visitors of all ages and backgrounds.  Hosted activity at Dundee Science Expo.  A large event focusing on young children.
2010	Hosted activities at Sensation Science Centre, Dundee.  A museum event for families with young children assuming no relevant knowledge.