

ROBERT FRANCIS LYNCH

Department of Biology
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20014 University of Turku
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EDUCATION

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| Rutgers University <i>Ph.D. Anthropology</i> | New Brunswick, NJ 2006-2014 |
| Rutgers University <i>Cognitive Science certificate</i> | New Brunswick, NJ 2006-2008 |
| Hunter College, City University of New York <i>Post-baccalaureate, Biology</i> | New York City, NY 2003-2005 |
| University of Michigan <i>B.A., English Literature</i> | Ann Arbor, MI 1987-1991 |

PROFESSIONAL APPOINTMENTS

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| University of Turku <i>Postdoctoral Fellowship, Biology</i> | Turku, Finland 2017-Present |
| University of Missouri <i>Postdoctoral Fellowship, Anthropology</i> | Columbia, MO 2014-2017 |

PUBLICATIONS

Refereed Journal Articles

Lynch, R. F. Palestis, B. and Trivers, R.L. Religious devotion and attendance at religious services affect in-group altruism and out-group hostility oppositely in rural Jamaica. In Press at *Evolutionary Psychological Science*.

Lynch, R. F.¹, Chagnon N.A., Shenk, M.S., Hames, R. and Flinn, M.V. In Press. Cross cousin marriage among the Yanomamö shows evidence of parent-offspring conflict and mate competition between brothers. *Proceedings of the National Academy of Sciences*, 114 (13), E2590-E2607.

¹Lynch and Chagnon are co-first authors on this paper. Lynch designed research, analyzed data and wrote the paper. Chagnon collected the data.

Lynch, R. F. and Lynch, E.C. 2016. Parental Investment Increases both offspring reproduction and lifespan in Iceland. *Peer J*, 5, e2904.

Lynch, R. F. 2016. Parents face a quantity-quality trade-off over offspring reproduction and lifespan in Iceland. *Royal Society Open Science*. 3(5), 160087.

Lynch, R. F. and Trivers, R. L. 2012. Self-deception inhibits laughter. *Personality and Individual Differences*, 53(4): 491-495.

Lynch, R. F. 2010. It's funny because we think it's true: laughter is augmented by implicit preferences. *Evolution and Human Behavior*, 31 (2) 141-48.

Manuscripts in Review

Lynch, E.C., Di Fiore, A., **Lynch, R.F.**, Palombit, R.A. Availability of parents determines social bonds between maternal and paternal half-sibling immature olive baboons (*Papio hamadryas anubis*). [Revise and Resubmit (Minor Revisions) at *Behavioral Ecology and Sociobiology*].

Lynch, R. F., Wasielewski, H. and Cronk, L. Trivers Willard type priming experiment fails to produce an offspring sex bias on Amazon Turk. [In Review at *Current Anthropology*].

Manuscripts in Preparation

Lynch, R. F. and Chagnon, N.A. Cross cousin marriages among the Yanomamö promote alliances and reduce violence between patrilineages. In prep for *Proceeding of the National Academy of Sciences* [Contributed submission].²

Lynch, R. F., Ellsworth, R. and Walker, R. Sex ratios and sex biased investment under polygyny: Evidence for a Trivers-Willard effect. [In Prep].

Lynch, R. F. and Chagnon, N.A. Life histories, violence and warfare in a tribal population revisited. [In Prep].

Lynch, R. F. Evidence for sexual conflict over reproduction in Iceland. [In Prep].

Published Manuscripts

Lynch, R. F. 2014. The evolution of life history traits in Iceland: 1650-1950. Doctoral dissertation, Rutgers University-Graduate School-New Brunswick.

News Articles

Lynch, R. F. and Aronoff, E. September 28, 2012. Human Hubris. *Scientific American*.

²The analysis has been finished and we expect to submit this paper to PNAS through Napoleon Chagnon's membership in the National Academy of Sciences.

GRANTS AND AWARDS

- National Science Foundation BCS, Cultural Anthropology #1461532 Collaborative Research: Demographic and Genealogical Dimensions of Cultural and Biological Success** [Napoleon Chagnon and Ray Hames are co-PI's on this grant, Robert Lynch is postdoctoral researcher] (\$65,850) . . . 2015-2017
- Fulbright IIE Student Scholar Award Genetic and environmental determinants of life history traits at deCode genetics.**[Robert Lynch is PI on this grant] Reykjavík, Iceland (\$20,000) 2010-2011
- Award for Distinguished Contribution to Undergraduate Education** [Recognition for teaching and developing a 'Signature' course on 21st century challenges.] Rutgers University 2009
- Center for Human Evolutionary Studies Research Grant** [To conduct a pilot study at deCode genetics in Reykjavík, Iceland] (\$2,000) 2008
- Waterman Special Opportunity Grant** [To conduct research in Southfield, Jamaica as part of the Jamaican Symmetry Project] Rutgers University (\$7,500) 2007
- Graduate Student Fellowship** Rutgers University (\$20,000 per year) 2005-2007
- Center for Human Evolutionary Studies Research Grant** [To conduct research in Southfield, Jamaica as part of the Jamaican Symmetry Project] Rutgers University (\$5,000) 2006

PRESENTATIONS

Conference Presentations

- American Anthropological Association.** *Religious devotion and attendance affect in-group altruism and out-group hostility oppositely in rural Jamaica.* Minneapolis, MN. November 2016
- Human Behavior and Evolution Society.** *The impact of religious belief on parochial altruism in rural Jamaica* Vancouver, Canada. June 2016
- American Society of Primatologists.** *Quantity-quality tradeoffs over reproduction and lifespan in Iceland.* Bend, OR. June 2015
- Human Behavior and Evolution Society.** *Fitness Consequences of Spousal Relatedness in the Yanomamö.* Columbia, MO. May, 2015
- Human Behavior and Evolution Society.** *Humor: In the Lab and on the Stage.* Miami, FL. July, 2013
- Human Behavior and Evolution Society.** *It's funny because it's true: Self-deception inhibits and implicit preferences augment humor appreciation.* Williamsburg, VA. May, 2007

Campus Talks

Department of Biology University of Missouri *The Evolution of Life History Traits in Iceland*. Ecology, Evolution and Behavior Fall Lecture Series, November 12, 2014

Department of Anthropology Rutgers University *Self-deception and Humor*. Distinguished lecture series October 15, 2013

Department of Anthropology Rutgers University *The Evolution of Virulence*. Guest lecture for Rutgers Signature course 'Extinction' November 17, 2012

Department of Anthropology Rutgers University *Sexually Antagonistic Genetic effects*. Guest Lecture for Human Evolutionary Genetics September 23, 2009

Department of Ecology and Evolution Rutgers University *Evidence for Sexual Antagonistic Effects Found in Icelandic Population*. Ecology and Evolution Spring Lecture Series May 7, 2008

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| RESEARCH EXPERIENCE |
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University of Missouri Columbia, MO

Postdoctoral Fellowship, Anthropology 2014-Present

Organize, manage and ultimately make public a large-scale demographic and ethnographic database of Yanomamö Indians collected over a 25 year period. Analyze database and synthesize results into publications.

University of Missouri Columbia, MO

Amazon Mechanical Turk 4/2016

Collected data from a Qualtrics generated survey on explicit and implicit offspring sex preferences from over 1,000 subjects.

DeCode Genetics Reykjavík, Iceland

Dissertation Research 9/2010-7/2011

Used Íslendingabók (a genealogical database for the population of Iceland ranging from 871 A.D. to the present) to analyze the heritability of lifespan and fertility.

Jamaican Symmetry Project Southfield, Jamaica

Field Site Manager 2006-2010

Supervised field site and collected data including DNA, anthropometric measures, questionnaires, physiological traits and psychological data from local subjects.

DeCode Genetics Reykjavík, Iceland
Pilot Study for Dissertation Research October 2008
Used Íslendingabók (a genealogical database for the population of Iceland ranging from 871 A.D. to the present) to analyze the heritability of life history traits for dissertation research.

Genetics Laboratory New Brunswick, NJ
Lab Research 9/2006-5/2008
Extracted human DNA to supplement Jamaican Symmetry Project. Used laboratory techniques (e.g. PCR, gel electrophoresis, DNA cloning) to isolate and sequence areas of genome associated with Hox gene clusters and Androgen receptor genes.

Family Court New Brunswick, NJ
Sex-biased Parental Investment Research Spring, 2008
Analyzed documents related to divorce and custody hearings concerning the nature of parental investment. Used findings in dissertation.

Facial Coding New Brunswick, NJ
Behavioral Study on Humor Appreciation 3/2006-10/2007
Created and conducted a study on implicit preferences and humor appreciation using Facial Action Coding System (FACS).

TEACHING EXPERIENCE

Primary Instructor

University of Missouri
Anthropology Department Columbia, MO
Graduate Seminar on Evolutionary Theory Spring, 2017
Graduate Seminar on Yanomamö marriage and kinship Spring, 2015

Rutgers University New Brunswick, NJ
Anthropology Department 2010-2014
Social Evolution (4X), Religion and Evolution (2X), Introduction to the 4 fields of Anthropology, Introduction to Human Evolution, Expository Writing, Human Evolutionary Genetics, Life of Primates

William Patterson University Wayne, NJ
Anthropology Department Spring, 2014
Linguistic Anthropology

Teaching Assistant

Rutgers University
Anthropology Department

New Brunswick, NJ
2007-2010

Introduction to Human Evolution (2X), Social Evolution (2X), Extinction (2X), Introduction to Cultural Anthropology

Teaching K-12

Educate LLC
Elementary school

Bronx, NY
2004-2005

Technology and math teacher

Educate for America
Secondary school

Košice, Slovakia
1992-1993

English as a second language

SERVICE

Human Behavior and Evolution Society Conference planning committee, University of Missouri

2014-2015

Member, Evolutionary Studies Graduate Working Group; University of Missouri 2014-Present

Journal Reviewer

2010-present

Proceedings of the Royal Society B; Evolutionary Psychology; Journal of Social, Evolutionary and Cultural Psychology; Evolution and Human Behavior; PeerJ and Personality and Individual Differences

Pelham School Board in Westchester, NY

2005-2014

President Anthropology Graduate Student Association; Rutgers University

2006-2007

PROFESSIONAL MEMBERSHIPS

Human Behavior and Evolution Society 2007-Present

American Anthropological Association 2014-Present

American Society of Primatologists 2015-Present

Society for Evolutionary Analysis and Law 2008-2012

SKILLS

Programming

R, Visual basic, R markdown and L^AT_EX

Statistical software

R, SPSS, SAS

Database Management

MS Access, MS Excel, SQL

Research Software

Certified in the Facial Action Coding System (FACS), Qualtrics, Amazon Mechanical Turk

Languages

Spanish, French, Slovak³

MEDIA

The Nation September 26, 2016

Have you ever seen Donald Trump laugh?

(<https://www.thenation.com/article/have-you-ever-seen-donald-trump-laugh/>)

NPR: “The Hidden Brain” December, 2015

How what makes you laugh and cringe reveals your hidden biases

(<http://www.npr.org/2015/12/08/458307977/how-what-makes-you-laugh-and-criinge-reveals-your-hidden-biases>)

PBS NOVA: “The Secret Lives of Scientists” October, 2014

Evolutionary Anthropologist/Stand-up Comedian

(www.pbs.org/wgbh/nova/secretlife/scientists/robert-lynch/)

NPR Morning Edition August, 2012

An anthropologist walks into a bar

(<http://www.npr.org/blogs/health/2012/08/06/157592468/an-anthropologist-walks-into-a-bar-and-asks-why-is-this-joke-funny>)

Deadspin Interview August, 2012

This Man Is A Stand-up Comedian And An Evolutionary Anthropologist Studying The Science Of Funny. Ask Him About Jokes.

(<http://deadspin.com/5935349/an-evolutionary-anthropologist-who-studies-comedy-is-here-to-answer-your-questions?tag=yakspin>)

³Conversant but not fluent in all three

Wall Street Journal May 18, 2012
Week in Ideas
(www.wsj.com/articles/SB10001424052702303360504577410613087073528)

Psychology Today January 1, 2010
Bias: Funny because it's true
(<http://www.psychologytoday.com/articles/201002/bias-funny-because-its-true>)

Scientific American October 13, 2009
It's funny because it's true
(<http://www.scientificamerican.com/podcast/episode.cfm?id=its-funny-because-its-true-09-10-13>)

Multiple stand-up comedy routines at Gotham Comedy Club and the Metropolitan Room⁴

NON-ACADEMIC WORK EXPERIENCE

American Stock Exchange New York, NY
Market maker and trader 1993-2004
Traded NYSE and NASDAQ options and equities for option trading companies

⁴Available upon request

REFERENCES

Robert Trivers

Full Professor of Anthropology
Rutgers University
Ruth Adams Building, 3rd floor
131 George Street
New Brunswick, NJ 08901-1414
Email: *send.Trivers.325F1D6B34@interfolio.com*
Tel#: 876-366-4736

Lee Cronk

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Ruth Adams Building, 3rd floor
131 George Street
New Brunswick, NJ 08901-1414
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Mark Flinn

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