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urlcolor=blue!30!black

## ROBERT FRANCIS LYNCH

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Turku, Finland  
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### EDUCATION

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

### NON-ACADEMIC WORK EXPERIENCE

<b>American Stock Exchange</b> <i>Market maker and trader</i> -Traded NYSE and NASDAQ options and equities for option trading companies	New York, NY 1993-2005
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### PROFESSIONAL APPOINTMENTS

<b>University of Turku</b> <i>Senior researcher, Sociology</i>	Turku, Finland 2019-Present
<b>University of Turku</b> <i>Postdoctoral Fellowship, Biology</i>	Turku, Finland 2017-2019
<b>University of Missouri</b> <i>Postdoctoral Fellowship, Anthropology</i>	Columbia, MO 2014-2017

### PUBLICATIONS

#### Refereed Journal Articles

Danielsbacka, M., Aho, L., **Lynch, R.**, Pettay, J. Lummaa, V. and Loehr, J. The resettlement and subsequent assimilation of evacuees from Finnish Karelia during and after World War II. [In Press at *Digital History Yearbook*]

-A summary of key factors predicting the reverse migration of a population of refugees.

**Lynch, R.**, Lummaa, V. and Loehr, J. 2019. Kin psychology may help to explain decisions to volunteer for a womens paramilitary organization in World War II Finland. *Evolution and Human Behavior*.

-First paper to provide evidence of identity fusion for women participating in war.

**Lynch, R.**, Lummaa, V., Middleton, K.M., Panchanathan, K., Rotkirch, A., O'Brien, D., Danielsbacka, M. and Loehr, J. 2019. Integration involves a trade-off between fertility and status for Finnish evacuees in World War II *Nature Human Behaviour* (1).

-Shows the differential benefits of bridging and bonding social capital for immigrants.

**Lynch, R.**, Wasielewski, H. and Cronk, L. 2018. Sexual conflict and the Trivers-Willard hypothesis: Females prefer daughters and males prefer sons. *Nature Scientific Reports*, 8(1), 15463.

**Lynch, R.**<sup>1</sup>, Chagnon N.A., Shenk, M.S., Hames, R. and Flinn, M.V. 2017. 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.

*-First paper to propose and provide evidence for the hypothesis that parent offspring conflict may play a key role in the widespread cross cultural practice of cross cousin marriage.*

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

*-Uses genetic and life history data to show that parental investment improves the fitness outcomes of their children.*

**Lynch, R.** 2016. Parents face quantity-quality trade-offs between reproduction and investment in offspring in Iceland. *Royal Society Open Science*. 3(5), 160087.

*-Uses genetic and genealogical data to show the additive costs of each additional sibling.*

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

*-First paper to connect self-deception to laughter.*

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

*-First paper to reveal a positive association between laughter and beliefs.*

### Manuscripts in Review

**Lynch, R.**, Lummaa, V. Chapman, S., Briga, M. and Loehr, J. Child volunteers in a World War II paramilitary organization have accelerated reproduction and higher lifetime reproductive success. [Minor Revisions at *Nature Communications*].

*-A comprehensive confirmation of a key prediction of life history theory that children adaptively respond to stress and higher mortality by expediting their reproductive schedules.*

**Lynch, R.**, Lynch, N., Chapman, S., Briga, M. Lynch, E. and Helle, S. Support for populist candidates in the 2016 presidential elections predicted by declining social capital and an increase in suicides. *American Sociological Review* [In Review].

*-First paper to empirically connect measures of declining social capital and deteriorating social networks with the rise of populism in the United States in 2016.*

Lynch, E., Johnson, C., **Lynch, R.**, Rothman, J., Di Fiore, A., and Palombit, R. Mothers and fathers improve foraging in immature olive baboons (*Papio hamadryas anubis*). [In Review at *Animal Behavior*]

*-First paper to show that fathers may offer foraging benefits for their offspring in olive baboons.*

Chapman, S., Lahdenperä, L., Pettay, J., **Lynch, R.**, Lummaa, V. Grandchild survival, but not offspring fertility, enhanced by maternal grandmothers in a pre-industrial society. [In Review at *Proceedings B*].

*-Uses historical database to show how maternal and paternal grandmothers differentially affect the life history traits of their grandchildren.*

### Manuscripts in Preparation

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

**Lynch, R.** 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].<sup>2</sup>

-Uses extraordinarily rare homicide and abduction data for individuals living in a traditional pre-contact population to show how the practice of cross cousin marriage can reduce conflict between villages and patrilineages.

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

-Replication of an important paper (Chagnon, 1988) published in *Science* showing that individuals who had killed others had higher reproductive success using more sophisticated statistical techniques and several previously excluded covariates.

### Other Publications

**Lynch, R.** 2019. Integration involves a trade-off between fertility and status for World War II evacuees. *Nature Research*

-Popularized summary and human interest background for a paper published in *Nature Human Behavior*.

**Lynch, R.** 2018. In-group vs out-group, *Encyclopedia of Evolutionary Psychological Science*. Springer International publishing. ed. Shackelford, T. K. and Weekes-Shackelford, V.A.

-Medium size entry in online *Encyclopedia*.

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

-Comprehensive analysis and review of a genetic and genealogical database recording the reproductive histories and lifespans on an entire population of individuals across three centuries.

**Lynch, R.** and Aronoff, E. September 28, 2012. Human Hubris. *Scientific American*. -Response to an article published in the *New Yorker* magazine that was critical of the field of evolutionary psychology.

### 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

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

**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

**European Society for Evolutionary Biology.** *Child volunteers in World War II have accelerated reproduction and higher lifetime reproductive success.* Turku, Finland. . . . . August 2019

**Human Behaviour and Evolution Society.** *Support for populist candidates in the 2016 US presidential elections predicted by declining social capital and an increase in suicides.* Boston, MA. . . . . June 2019

**Human Life History Group.** *Kin psychology helps explain decisions to volunteer for a women's paramilitary organization in World War II Finland.* Seili, Finland. . . . . September 2018

**Human Behaviour and Evolution Society.** *Child volunteers in a World War II paramilitary organization have accelerated reproduction* Amsterdam, Netherlands. . . . . July 2018

**European Human Behaviour and Evolution Association.** *Integration involves a trade-off between fertility and status for Finnish evacuees in World War II.* Pécs, Hungary. . . . . April 2018

**Cultural Evolution Society** *The impact of bridging and bonding social capital on the assimilation and reproduction of a population of Finnish evacuees.* Jena, Germany. . . . . September 2017

**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 Sociology** University of Helsinki *Migration, Social Capital and Integration.* Westermarck Seminar . . . . . December 10, 2018

**Department of Biology** University of Turku *Migration, Social Capital and Integration*. Seminars in Biology . . . . . October 30, 2018

**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

## RESEARCH EXPERIENCE

**University of Turku** Columbia, MO

*Postdoctoral Fellowship, Anthropology* 2017-Present  
Supervise large web based demographic dataset of Finnish evacuees in World War II.

**University of Missouri** Columbia, MO

*Postdoctoral Fellowship, Anthropology* 2014-2017  
Organize, manage and ultimately make public a large-scale demographic and ethnographic database of Yanomamö Indians collected over a 25 year period.

**University of Missouri** Columbia, MO

*Amazon Mechanical Turk* 4/2016  
Used Qualtrics survey software and Amazon Turk to collect data on explicit and implicit offspring sex preferences.

**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.

**Genetics Laboratory** New Brunswick, NJ

*Lab Research* 9/2006-5/2008  
Extracted human DNA, PCR, gel electrophoresis and DNA cloning.

## Facial Coding

New Brunswick, NJ

*Behavioral Study on Humor Appreciation*

3/2006-10/2007

Created and conducted a study using comprehensive Facial Action Coding System (FACS).

## TEACHING EXPERIENCE

### Academic advisor

**University of Turku**

**Biology Department**

*Supervised Lauri Aho's Masters thesis*

Turku, Finland

2017-2018

### Primary Instructor

**University of Missouri**

**Anthropology Department**

*Graduate Seminar on Evolutionary Theory*

*Graduate Seminar on Yanomamö marriage and kinship*

Columbia, MO

Spring, 2017

Spring, 2015

**Rutgers University**

**Anthropology Department**

*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*

New Brunswick, NJ

2010-2014

**William Patterson University**

**Anthropology Department**

*Linguistic Anthropology*

Wayne, NJ

Spring, 2014

### Teaching Assistant

**Rutgers University**

**Anthropology Department**

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

New Brunswick, NJ

2007-2010

### Teaching K-12

**Educate LLC**

**Elementary school**

*Technology and math teacher*

Bronx, NY

2004-2005

**Educate for America**

**Secondary school**

*English as a second language*

Košice, Slovakia

1992-1993

## ADMINISTRATION AND SERVICE

**Introduction to Python workshop series, Organizer, University of Turku**

Spring 2019

<b>Bayesian statistics working group, Organizer, University of Turku</b>	2017-2018
<b>Human Behavior and Evolution Society Conference, Planning committee, University of Missouri</b>	2014-2015
<b>Evolutionary Studies Graduate Working Group, Member, University of Missouri</b>	2014-Present
<b>Journal Reviewer</b>	2010-present
<i>Proceedings of the Royal Society B; PLOS ONE; Evolutionary Psychology; Journal of Social, Evolutionary and Cultural Psychology; Evolution and Human Behavior; PeerJ and Personality and Individual Differences</i>	
<b>Pelham School Board in Westchester, NY</b>	2005-2014
<b>Anthropology Graduate Student Association, President, Rutgers University</b>	2006-2007

## PROFESSIONAL MEMBERSHIPS

<b>Heterodox Academy</b>	2018-Present
<b>Human Behavior and Evolution Society</b>	2007-2010, 2014, 2016-Present
<b>European Human Behavior and Evolution Society</b>	2017-2018
<b>Cultural Evolution Society</b>	2017
<b>American Anthropological Association</b>	2014-2016, 2017, 2019
<b>American Society of Primatologists</b>	2015-2017
<b>Society for Evolutionary Analysis and Law</b>	2008-2012

## SKILLS

### Programming

R, Visual basic, R markdown and  $\text{\LaTeX}$

### Statistical software

R, SPSS, SAS, Python

### Database Management

MS Access, MS Excel, SQL

### Research Software

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

### Second Languages

Spanish, French, Slovak<sup>3</sup>

## MEDIA OUTREACH

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<sup>3</sup>Conversant but not fluent in all three

- The Mirror** . . . . . November, 13, 2018  
*Women favour their DAUGHTERS while men prefer their sons, study reveals*
- Daily Mail Online** . . . . . November 7, 2018  
*Mothers prefer daughters and fathers prefer sons*
- Helsingin Sanomat** . . . . . November 5, 2018  
*Äidit suosivat tyttäriä ja isät poikia*
- The Nation** . . . . . September 26, 2016  
*Have you ever seen Donald Trump laugh?*
- NPR: “The Hidden Brain”** . . . . . December, 2015  
*How what makes you laugh and cringe reveals your hidden biases*
- PBS NOVA: “The Secret Lives of Scientists”** . . . . . October, 2014  
*Evolutionary Anthropologist/Stand-up Comedian*
- NPR Morning Edition** . . . . . August, 2012  
*An anthropologist walks into a bar*
- Deadspin Interview** . . . . . August, 2012  
*This Man Is A Stand-up Comedian And An Evolutionary Anthropologist Studying The Science Of Funny. Ask Him About Jokes.*
- Wall Street Journal** . . . . . May 18, 2012  
*Week in Ideas*
- Psychology Today** . . . . . January 1, 2010  
*Bias: Funny because it’s true*
- Scientific American** . . . . . October 13, 2009  
*It’s funny because it’s true*
- Multiple stand-up comedy routines at Gotham Comedy Club and the Metropolitan Room**<sup>4</sup>

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<sup>4</sup> Available 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*  
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### **Virpi Lummaa**

Academy Professor  
University of Turku  
Department of Biology  
Natura, Vesilinnantie 5  
20014 Turku, Finland  
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### **Napoleon Chagnon**

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Tel# 231-631-4871

### **Mark Flinn**

Full Professor and Chair of Anthropology Department  
University of Missouri  
112 Swallow Hall  
Columbia, MO 65211  
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### **Lee Cronk**

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