

November 2019

Stephen Cranney

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POSITIONS:

2019-Present	<p>Owner, Cranney Data Science LLC</p> <ul style="list-style-type: none">● Provide a wide variety of data products and services to NGOs in the Washington DC area. Web scraped, cleaned, and operationalized unstructured data, produced data visualizations using geospatial data, and produced predictive analytics using conventional and machine learning methods. Helped formulate data-informed strategy.
2018-Present	Non-Resident Fellow, Institute for the Studies of Religion, Baylor University
2019-Present	Adjunct Lecturer, Sociology Department, Bowie State University
	<ul style="list-style-type: none">● Teach courses in statistics.
2018-2019	Statistician, Education and Social Stratification Branch, Census Bureau.
	<ul style="list-style-type: none">● Produced official, public-facing data products as well as original research. Also performed quality checks on data and tested usability of data instruments.
2017-2019	Freelance Data Scientist
	<ul style="list-style-type: none">● Provided a variety of data science services such as seasonality analyses for sales, sales projections, client duration calculation and prediction, and location-fixed effects for comparative purposes for a variety of industries including a gym chain and housing/construction firms.
2015-2018	Postdoctoral Scholar, Institute for the Studies of Religion, Baylor University
	<ul style="list-style-type: none">● Conducted both independent and coauthored research. Collaborated with criminologists, psychologists, demographers, medical researchers, sexologists, and sociologists.
2017	Adjunct Lecturer, Church History and Doctrine Department, BYU-Provo
	<ul style="list-style-type: none">● Taught course on the Eternal Family.
2015-2017	Adjunct Lecturer, Sociology Department, Baylor University
	<ul style="list-style-type: none">● Taught courses in social demography and introductory sociology.
2010-11	Chief Operating Officer, WomanStats Project
	<ul style="list-style-type: none">● Managed a team of approximately two dozen thematic coders for the most comprehensive compilation of information on the status of women in the world. Also directed fundraising and grant-writing efforts.

EDUCATION:

- 2015 Dual Ph.D., Sociology and Demography
University of Pennsylvania
- 2013 M.A. Demography
University of Pennsylvania
- 2011 B.A. Political Science, Sociology Minor
Brigham Young University

PUBLICATIONS:

- 2019 Cranney, Stephen. Review of *The Next Mormons: How Millennials are Changing the Mormon Church* by Jana Riess. *BYU Studies*. 58(2): 177-183.
- 2019 Cranney, Stephen. "Which American Languages are Dying? Quantifying the Demographic Vulnerability of Indigenous Languages in the United States." Census Bureau Paper SESHD-WP2019-08.
- 2019 Cranney, Stephen. "What Kind of People Leave the Church? Social and Demographic Predictors of ex-Latter-day-Saint Status in the Pew Religious Landscape Survey." *BYU Studies*. 58(1): 99-108.
- 2018 Cranney, Stephen. Aleksandar Stulhofer, and Goran Koletić. "Varieties of Religious and Pornographic Experience: Latent Growth in Adolescents' Religiosity and Pornography Use." *The International Journal for the Psychology of Religion*. 28(3): 174-186.
- 2018 Cranney, Stephen, Joseph Leman, Wade Rowatt, and Thomas Fergus. "Hell Anxiety as Non-Pathological Fear." *Mental Health, Religion, and Culture*. Online first.
- 2017 Joseph, Lauren and Stephen Cranney (equal authorship). "Self-Esteem among Lesbian, Gay, Bisexual and Same-Sex Attracted Mormons and Ex-Mormons." *Mental Health, Religion, and Culture* 20(10): 1028-1041.
- 2017 Cranney, Stephen. "Why Did God Make Me This Way? Religious Coping and Framing in the Virtuous Pedophile Community." *Journal for the Scientific Study of Religion* 56(4): 853-868.
- 2017 Harknett, Kristen and Stephen Cranney. "Majority Rules: Sex Ratios and Sexual Norms and Behavior in High Schools." *Population Research and Policy Review* 36(4): 469-500.
- 2017 Cranney, Stephen. "Sex Life Satisfaction in Sub-Saharan Africa: A Descriptive and Exploratory Analysis." *Archives of Sexual Behavior* 46(7): 1961-1972.

- 2017 Cranney, Stephen. "Does Asexuality Meet the Stability Criterion for a Sexual Orientation? Commentary on Brotto and Yule (2017)." Invited commentary. *Archives of Sexual Behavior*. 46(3): 637.
- 2017 Cranney, Stephen. "The LGB Mormon Paradox: Mental, Physical and Self-Rated Health among Mormon and Non-Mormon LGB Individuals in the Utah Behavioral Risk Factor Surveillance System." *Journal of Homosexuality*. 64(6): 731-744.
- 2017 Cranney, Stephen. "Is There a Stronger Association Between Children and Happiness among the Religious? Religion as a Moderator in the Relationship Between Happiness and Fertility." *Journal of Happiness Studies*. 18(6): 1713-1727.
- 2017 Cranney, Stephen and Andrew Miles. "Desperate Housewives? Difference in Work Satisfaction Between Stay-at-Home and Employed Mothers, 1972-2012." *Journal of Family Issues*. 38(11): 1604-1625.
- 2017 Cranney, Stephen and Aleksandar Stulhofer. "'Whosoever Looketh on a Person to Lust After Them': Religiosity, the Use of Mainstream and Nonmainstream Sexually Explicit Material, and Sexual Satisfaction in Heterosexual Men and Women." *Journal of Sex Research*. 54(6): 694-705.
- 2016 Cranney, Stephen. "The Theoretical Potential for Selection on Determinants of Fertility to Cause Aggregate Fertility Increases in Human Populations." *Journal of Biodemography and Social Biology* 62(3): 275-280.
- 2016 Cranney, Stephen. "The Temporal Stability of Lack of Sexual Attraction Across Young Adulthood." *Archives of Sexual Behavior* 45(3): 743-749.
- 2015 Cranney, Stephen. "The Association Between Belief in God and Fertility Desires in Slovenia and the Czech Republic." *Perspectives on Sexual and Reproductive Health* 47(2): 83-89.
- 2015 Cranney, Stephen. "Internet Pornography Use and Sexual Body Image in a Dutch Sample." *International Journal of Sexual Health* 27(3): 316-323.
- 2015 Cranney, Stephen. "The Relationship Between Sexual Victimization and Year in School in US Colleges: Investigating the Parameters of the 'Red Zone.'" *Journal of Interpersonal Violence* 30(17):3133-3145.
- 2013 Cranney, Stephen. "Do People Who Believe in God Report More Meaning in Their Lives? The Existential Effects of Belief." *Journal for the Scientific Study of Religion* 52(3): 638-646.
- 2010 Cranney, Stephen. "Father Paneloux, Alyosha Karamazov, and Deference to a God Who Allows the Suffering of Children." *Journal of Camus Studies*: 61-71.
- 2006 Cranney, Stephen and Trevor Salter. "Geologic Hazard Disclosure Laws: Why They Make Sense." *Utah Bar Journal*: 30-37.

MEDIA COVERAGE OF RESEARCH

Chabria, Anita. “‘Yes means yes’ standard for sexual assault moves to California high schools.” *The Guardian*. September 10, 2015.

<https://www.theguardian.com/us-news/2015/sep/10/yes-means-yes-sexual-assault-california-high-schools>

Brown, Matthew. “Higher purpose: Study finds belief in God linked to having sense of purpose in life.” *Deseret News*. October 22, 2013.

<https://www.deseretnews.com/article/865588795/Higher-purpose-Study-finds-belief-in-God-linked-to-having-sense-of-purpose-in-life.html>

Briggs, David. “Who Worries About Hell the Most?” *Christianity Today*. February 4, 2019.

<https://www.christianitytoday.com/news/2019/february/hell-belief-anxiety-arda-baylor-university.html>

Row, Ritwick. “Sex life satisfaction in Sub-Saharan Africa surprise researchers; People sexually happy even in least-developed countries.” *International Business Times*. August 22, 2016.

<https://www.ibtimes.com.au/sex-life-satisfaction-sub-saharan-africa-surprise-researchers-people-sexually-happy-even-least>

Julian, Kate. “Why are Young People Having So Little Sex?” *The Atlantic*. December 2018.

https://www.theatlantic.com/magazine/archive/2018/12/the-sex-recession/573949/?fbclid=IwAR2xk0uec6jF5-XtWXVuksgb_xjSQE3zFcctPakTKiaM7OXD0dkD2Li5aKo

Census Bureau. “Number of People with Master’s and Doctoral Degrees Doubles Since 2000.” *America Counts*. February 21, 2019.

<https://www.census.gov/library/stories/2019/02/number-of-people-with-masters-and-phd-degrees-double-since-2000.html>

LANGUAGES

English (native speaker)

Spanish (conversational proficiency)

SKILLS

Proficient: R, SAS, Stata, NVivo (qualitative analysis), NetLogo (agent-based modeling), Google Analytics, Python (Numpy, Scipy, Pandas, scikit-learn, GeoPandas, Beautiful Soup [web scraping]), ggplot2 (data visualization), SQL, Tableau, QGIS

Some exposure: MATLAB, ArcGIS, LaTeX, Hadoop, Apache Spark (SparkR, PySpark), TensorFlow, SPSS

For a repository of my coding projects, see my GitHub page: <https://github.com/StephenCranney>.

SELECTED PRESENTATIONS:

“Dangerous Colleges: Associations Between School-Level Factors and the Risk of Sexual Victimization of Female Students.” Paper presented at the American Society of Criminology Annual Meeting, Washington D.C. (November, 2015)

“Self-Esteem among Lesbian, Gay, Bisexual, and Same-Sex-Attracted Mormons and Ex-Mormons.” Paper presented at the American Sociological Association Annual Meeting, Chicago (August, 2015)

“Religion as a Moderator in the Relationship Between Children and Happiness.” Invited presentation. Max Planck Institute; Rostock, Germany (11 March, 2015).

“Religion as a Moderator in the Relationship Between Children and Happiness.” Paper presented at the Population Association of America Annual Meeting, Boston (May, 2014)

“The Influence of Belief in God on Pronatalist Attitudes in Slovenia and the Czech Republic.” Paper presented at the Population Association of America Annual Meeting, Boston (May, 2014)

“The Relationship Between Risk of Rape and Year in School in US Colleges.” Paper presented at the American Society of Criminology Annual Meeting (November, 2013)

Hawkins, Kirk A., Mayavel Amado, and Stephen Cranney. “Beyond Populism: A Typology of Elite Political Discourse with Some Examples.” Paper presented at the Annual Meeting of the American Political Science Association, Washington, D.C. (September, 2010)

GRANTS AND AWARDS:

2016	Institute for the Studies of Religion (ISR) Research Travel Grant (\$1,000)
2014	National Institute of Child Health and Human Development (NICHD) Training Grant (\$28,888)
2013	National Institute of Child Health and Human Development (NICHD) Training Grant (\$24,290)
2012	National Institute of Child Health and Human Development (NICHD) Training Grant (\$22,032)
2011	National Institute of Child Health and Human Development (NICHD) Training Grant (\$21,600)

TEACHING:

Introductory Statistics, Bowie State University, Spring 2019
Eternal Family, Brigham Young University (School of Religion), Fall 2017
Introduction to Sociology, Baylor University, Spring 2016
Introduction to Sociology, Baylor University, Fall 2016
Social Demography, Baylor University, Winter 2017

WORKSHOPS, COURSES & SEMINARS:

Practical Tools for Designing and Weighting Surveys Course. Bureau of Labor Statistics, February 5-6, 2019
Business Writing Course. US Census Bureau, October 25, 2018
Customer Service Course. US Census Bureau, September 6, 2018
Neal A. Maxwell Institute Seminar: History of the Mormon Family. BYU, June 15-July 26, 2014.
Stanford Workshop in Formal Biodemography. Stanford University, May 21-23, 2012.
Professional Grant Development Workshop. University of Utah, October 6-8, 2010.

VOLUNTEER SERVICE

2015-Present	Academic Reviewer <ul style="list-style-type: none">• Ad Hoc reviewer for <i>American Sociological Review</i>, <i>Social Forces</i>, <i>Journal for the Scientific Study of Religion</i>, <i>Journal of Happiness Studies</i>, <i>Journal of Family Psychology</i>, <i>Archives of Sexual Behavior</i>, <i>Journal of Sex Research</i>, <i>GLBT Family Studies</i>.
2010-2011	Court Appointed Special Advocate <ul style="list-style-type: none">• Assisted with a vulnerable child case and reported to a social worker and guardian ad-litem.