

Kevin A. Rosenfield

Department of Anthropology
312 Carpenter Building
Pennsylvania State University
University Park

E-mail: kar61@psu.edu
Phone: 201-450-4538
Web: putslab.la.psu.edu
Twitter: @cercopithekevin

EDUCATION

Institution	Dates	Major	Degree	Advisor
Pennsylvania State University	2016-	Anthropology	Ph.D.	David A. Puts
University of Roehampton	2014-2015	Primatology	M.Res.	Stuart Semple
Rutgers University	2009-2011	Anthropology	B.S.	Lee Cronk

RESEARCH INTERESTS

Sexual signaling, acoustic analysis of vocal communication, primate communication, mating competition, primate behavioral ecology, data science, agent-based modeling, behavioral endocrinology, sex differences.

PUBLICATIONS

Peer-reviewed journal articles

- Pre-Print Shirazi, T., Self, H., **Rosenfield, K.A.**, Dawood, K., Welling, L., Cardenas, R., Bailey J. M., Balasubramanian, R., Delaney, A., Breedlove, S.M., & Puts, D. (2021). Low perinatal androgens predict recalled childhood gender nonconformity in men. *PsyArXiv*, <https://doi.org/10.31234/osf.io/whtpz>.
- 2020 Aung, T., **Rosenfield, K.A.**, & Puts, D.A. Male voice pitch mediates the relationship between objective and perceived formidability. *Evolution and Human Behavior*, In Press.
- 2020 Shirazi, T., Self, H., Dawood, K., Cardenas, R., Welling, L., **Rosenfield, K.A.**, Ortiz, T.L., Carré, J.M., Balasubramanian, R., Delaney, A., Crowley, W., Breedlove, S.M., & Puts, D.A. Pubertal timing predicts adult psychosexuality: Evidence from typically developing adults & adults with isolated GnRH deficiency. *Psychoneuroendocrinology*, 119, 104733.
- 2020 Shirazi, T., Self, H., Cantor, J., Dawood, K., Cardenas, R., **Rosenfield, K.A.**, Ortiz, T.L., Carré, J.M., McDaniel, M.A., Blanchard, R., Balasubramanian, R., Delaney, A., Crowley, W., Breedlove, S.M., & Puts, D.A. Timing of peripubertal steroid exposure predicts visuospatial cognition in men: Evidence from three samples. *Hormones and Behavior*, 121, 104712.

- 2020 Shirazi, T., **Rosenfield, K.A.**, Cardenas, R., Breedlove, S.M., & Puts, D. A. No evidence that hormonal contraceptive use or circulating sex steroids predict complex emotion recognition. *Hormones and Behavior*, 119, 104647.
- 2020 **Rosenfield, K.A.**, Sorokowska, A., Sorokowski, P., Puts, D.A. Sexual selection for low male voice pitch among Amazonian forager-horticulturists. *Evolution and Human Behavior*, 41(1), 3-11.
- 2019 Shirazi, T., Self, H., Dawood, K., **Rosenfield, K.A.**, Penke, L., Carre, J., Ortiz, T., & Puts, D. A. Hormonal predictors of women's sexual motivation. *Evolution and Human Behavior*, 40(3), 336-344.
- 2019 **Rosenfield, K.A.**, Semple, S., Georgiev, A.V., Maestripieri, D., Higham, J.P., & Dubuc, C. Experimental evidence that female rhesus macaques (*Macaca mulatta*) perceive variation in male facial masculinity. *Royal Society Open Science*, 6(1), 181415.
- 2018 Jünger, J., Motta-Mena, N. V., Cardenas, R., Bailey, D., **Rosenfield, K.A.**, Schild, C., Penke, L., & Puts, D. A. Do women's preferences for masculine voices shift across the ovulatory cycle?. *Hormones and behavior*, 106, 122-134.
- 2016 Georgiev, A.V., **Rosenfield, K.A.**, Ruiz-Lambides, A.V., Maldonado, E., Emery-Thompson, M., & Maestripieri, D. Breaking the succession rule: The costs and benefits of an alpha-status take-over by an immigrant rhesus macaque on Cayo Santiago. *Behaviour*, 153: 325-351.
- 2014 **Rosenfield, K.A.** Homosexual and heterosexual men agree on male facial attractiveness. *Anthropology: Bachelors and Doctorates*, 2:55-63.
- 2014 Balasubramaniam, K.N., Dunayer, E.S., Gilhooly, L.J., **Rosenfield, K.A.**, & Berman, C.M. Group Size, Contest competition, and social structure in Cayo Santiago rhesus macaques. *Behaviour*, 151:1759-1798.

Book chapters

- 2018 **Rosenfield, K.A.**, Dawood, K., & Puts, D.A. Organizational effects of hormones on sexual orientation. In Schultheiss, O. & Mehta, P. (Eds.). *Routledge International Handbook of Social Neuroendocrinology* (pp. 256-280). London: Routledge.

Encyclopedia entries

- 2018 **Rosenfield, K.A.** Hermaphroditism. In J. Vonk and T.K. Shackelford (Eds.) *Encyclopedia of Animal Cognition and Behavior*. Springer Reference.
- 2018 **Rosenfield, K.A.** Facultative polyandry. In J. Vonk and T.K. Shackelford (Eds.) *Encyclopedia of Animal Cognition and Behavior*. Springer Reference.

CONFERENCE PRESENTATIONS

- 2019 **Rosenfield, K.A.**, Stern, J., Shirazi, T., Cardenas, R., Bailey, D., Dawood, K., Penke, L., Puts, D. Hormones and hoarseness predict women's vocal attractiveness: Evidence from Germany and the U.S. Human Behavior and Evolution Society. Boston, MA.
- 2018 **Rosenfield, K.A.**, Crabtree, S., Shenk, M.K., Shriver, M.D., White, J., Jablonski, N., Puts, D.A. The evolution of fertility signals in primates: An agent-based modeling approach. European Society for the Study of Human Evolution. Faro, Portugal.
- 2017 **Rosenfield, K.A.**, Dawood, K., Bailey, J.M., Shirazi, T., Self, H., Cardenas, R., Breedlove, M.S., & Puts, D.A. Recalled childhood gender conformity is negatively associated with salivary testosterone in men. Human Behavior and Evolution Society. Boise, ID.
- 2017 Shirazi, T., Self, H., Dawood, K., **Rosenfield, K. A.**, Ortiz, T., Carre, J., & Puts, D. (2017). Hormonal predictors of within- and between-women variation in sociosexuality. Human Behavior and Evolution Society conference, Boise, ID.
- 2016 **Rosenfield, K.A.**, Dubuc, C., Georgiev, A.V., Maestripieri, D. & Semple, S. Free-ranging female rhesus macaques (*Macaca mulatta*) look longer at images of males with high facial masculinity: Experimental evidence from Cayo Santiago. International Primatological Society/American Society of Primatologists. Chicago, IL.
- 2016 **Rosenfield, K.A.**, Georgiev, A.V., Dubuc, C., Emery Thompson, M., Ruiz-Lambides, A.V., Maldonado, E., & Maestripieri, D. Is face shape (width-to-height ratio) related to male competitive ability and fecundity in rhesus macaques, *Macaca mulatta*? A test on Cayo Santiago. International Primatological Society/American Society of Primatologists. Chicago, IL.
- 2016 Georgiev, A.V., Emery Thompson, M., Christie, D., **Rosenfield, K.A.**, Ruiz-Lambides, A.V., Maldonado, E., & Maestripieri, D. Correlates of androgen levels in male rhesus macaques (*Macaca mulatta*) during a mating season following a direct alpha position take-over on Cayo Santiago. International Primatological Society/American Society of Primatologists. Chicago, IL.
- 2016 **Rosenfield, K.A.**, Dubuc, C., Georgiev, A.V., Maestripieri, D., & Semple, S. Evidence that male face shape in rhesus macaques (*Macaca mulatta*) is subject to inter-sexual selection. American Association of Physical Anthropologists. Atlanta, GA.
- 2015 **Rosenfield, K.A.**, Dubuc, C., Georgiev, A.V., Maestripieri, D., & Semple, S. (2015). Testing for sexual selection on rhesus macaque (*Macaca mulatta*) face shape. European Federation for Primatology. Rome, Italy.

- 2015 Milich, K.M., Dubuc, C., Winters, S., Allen, W.L., **Rosenfield, K. A.**, Graham, S., Higham, J.P., & Maestripieri, D. Red-hot males: Sexual strategies of high-ranking male rhesus macaques. American Association of Physical Anthropologists. St. Louis, MO.
- 2014 Balasubramaniam, K.N., Dunayer, E.S., Gilhooly, L.J., **Rosenfield, K.A.**, & Berman, C. M. (2015). Group size, contest competition, and social structure in Cayo Santiago rhesus macaques. International Primatological Society, Hanoi, Vietnam.
- 2014 Georgiev, A.V., **Rosenfield, K.A.**, Ruiz-Lambides, A.V., Maldonado, E., Emery-Thompson, M., & Maestripieri, D. Jump the queue and pay the price: Rare male reproductive tactic at high cost in rhesus macaques. Animal Behavior Society, Princeton, USA.

INVITED PRESENTATIONS

- 2018, 2021 Organizational effects of hormones on sexual orientation. Guest lecture in undergraduate course: *Evolution of Human Mating*, Penn State University.
- 2018 The evolution of fertility signals in primates: An agent-based modeling approach. Lightning talk in the Department of Anthropology, Penn State University.

RESEARCH SUPPORT AND AWARDS

- 2020 Inaugural Citizenship Award, Department of Anthropology
- 2020 Superior Teaching and Research (STAR) Award, Liberal Arts
- 2020 RGSO Grant for Dissertation Research \$2,000
- 2020 Hill Grant for Dissertation Research \$3,420
- 2017 Hill Fellowship for Doctoral Research, Penn State University \$1,500
- 2016-17 Enhanced Graduate Scholars Award – Penn State Fellowship
- 2010-11 Bigel Endowment for Research in Anthropology, Rutgers University: \$1500

RESEARCH EXPERIENCE

- 2016- Doctoral research, Puts Lab at Penn State University. *Hormones and behavior; mating strategies; evolution of primate fertility signals; agent-based modeling.*
- 2014 – 15 Masters research, University of Roehampton. *Sexual dimorphism in face shape and female perception in rhesus macaques.* Cayo Santiago. Advisor: Prof. Stuart Semple.
- 2014 – 15 Research assistant, University of Chicago. *Dominance in male rhesus macaques.* Cayo Santiago, Puerto Rico. PIs: Dr. Alex Georgiev and Prof. Dario Maestripieri.
- 2014 Research assistant, New York University. *Sexual skin coloration in rhesus macaques.* PIs: Dr. Constance Dubuc and Prof. James Higham.

- 2011 – 13 Research assistant, Queens College: data extraction and analysis. *Female social bonds in wild hamadryas baboons*. PI: Prof. Larissa Swedell.
- 2013 Lab assistant, University of New Mexico. Analysis of steroid hormones. *Male rhesus macaque reproductive effort*. Supervisor: Dr. Alexander Georgiev.
- 2013 Field assistant, University of Buffalo. *Feeding competition in rhesus macaques*. PIs: Dr. Krishna Balasubramaniam and Prof. Carol Berman.
- 2010 RA, Rutgers University. *The Jamaican Symmetry Project*. PI: Prof. Robert Trivers.

OUTREACH

- 2019 Higher Achievement Workshop: Evolution and Computer Simulation, **Organizer**
- 2019 Science-U, Penn State University, High School Student Summer Camp, **Panelist**
- 2019 Skype-a-Scientist, Video Conference with Grade School Students, **Session Leader**
- 2018 Primate Perspectives, i-Steam Workshop, Penn State University, **Presenter**
- 2018 Liberal Arts Fest, Penn State University, Anthropology Department Table, **Volunteer**
- 2018 Pre-Med Expo, Penn State University, Anthropology Department Table, **Presenter**
- 2017 Liberal Arts Fest, Penn State University, Anthropology Department Table, **Volunteer**
- 2010 Rutgers Day, Anthropology Department Informational Booth, **Presenter**

TEACHING

Institution	Role	Course	Semester
Penn State University	TA	Anthropology of Alcohol	Summer 2021
Penn State University	Instructor	Intro to Biol. Anthropology	Spring and Summer 2019
Penn State University	Instructor	Humans as Primates	Fall 2018, 2020; Spring 2021
Penn State University	TA	Intro to Biol. Anthropology	Spring 2020
Penn State University	TA	Sex and Evolution	Fall 2019
Penn State University	TA	Intro to Anthropology	Spring 2018
Penn State University	TA	Humans as Primates	Summer, Fall 2017; Spring 2020
Queens College	TA	Intro to Human Evolution	Fall 2012

SERVICE

- Ad hoc reviewer for *Evolutionary Psychology*, *Evolution and Human Behavior*, *Adaptive Human Behavior and Physiology*
- Social Chair, Penn State Anthropology Graduate Student Association 2017 – 2020
- President, Penn State Anthropology Graduate Student Association 2020 – 2021