

DAVID ANDREW PUTS

CURRICULUM VITAE
(UPDATED 3 AUGUST 2023)

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INDEXES OF SCHOLARLY PRODUCTIVITY AND IMPACT (GOOGLE SCHOLAR)

Total citations: 9335

h-index: 47

i10-index: 88

EDUCATION AND TRAINING

2004-2007 Postdoctoral, Neuroscience Program, Michigan State University, East Lansing, MI
2004 Ph.D., Biological Anthropology, University of Pittsburgh, Pittsburgh, PA
1998 M.A., Biological Anthropology, University of Pittsburgh, Pittsburgh, PA
1995 B.A., Honors Anthropology, Mathematics minor, Kenyon College, Gambier, OH

MAJOR RESEARCH INTERESTS

- Behavioral endocrinology
- Behavioral evolution
- Human sex differences and sexual differentiation
- Sexual selection in humans and nonhuman primates

ACADEMIC AND RESEARCH APPOINTMENTS

2022-present Professor, Pennsylvania State University, Department of Anthropology
Co-Director, Center for Human Evolution and Diversity
Co-funded by the Pennsylvania State University Social Science Research Institute

2013-2022 Associate Professor, Pennsylvania State University, Department of Anthropology
Co-funded by the Pennsylvania State University Social Science Research Institute

2007-2013 Assistant Professor, Pennsylvania State University, Department of Anthropology
Co-funded by the Penn State Children, Youth and Families Consortium

2004-2007 Postdoctoral Fellow, Michigan State University, Neuroscience Program

2002-2003 Senior Researcher, University of Pittsburgh Medical School, Department of Translational Neuroscience

2000-2002 Instructor, University of Pittsburgh Medical School, Department of Neurobiology

1999-2004 Instructor, University of Pittsburgh College of Arts and Sciences, Departments of Anthropology and Freshman Studies

1997-2001 Teaching Assistant/Teaching Fellow, University of Pittsburgh College of Arts and Sciences, Departments of Anthropology, Biological Sciences, Psychology, and Sociology

GRANTS

In revision NIH R03, "Psychological effects of the timing of hormone replacement therapy in individuals with congenital hypogonadotropic hypogonadism" with Ravikumar Balasubramanian, Khytam Dawood and Angela Delaney (\$100,000), PI

2020-2021 Psi Chi, The International Honor Society in Psychology, "Can listeners detect immune function from the voice?" with Toe Aung, Grant# 136689 (\$1500), Co-PI

2020-2022 Penn State Center for Human Evolution and Diversity, "Is there a human estrus? Characterizing cyclic shifts in women's observable and behavioral phenotypes" with Mark Shriver and Nancy Williams (\$12,500), PI

2017-2018	Penn State Social Science Research Institute and Office of the Associate Dean for Research, "Females, environment, maturation, and measurements of external traits study" with Mark Shriver, Matthew Reimherr, Kateryna Makova, and Suzanne Scherf (\$23,161), Co-PI
2016-2017	Penn State Center for Human Evolution and Diversity, "Are human sexually dimorphic traits affected by variation in Y-chromosomal ampliconic gene copy number?" with Kateryna Makova, Mark Shriver, Michael DeGiorgio, Paul Medvedev, and Francesca Chiaromonte (\$20,000), Co-PI
2013-2016	American Institute of Bisexuality (AIB), "Dopamine-related genotypes and bisexuality: A candidate gene study of sexual orientation," with Gerulf Rieger and Mark Shriver (\$59,000), PI
2012-2014	NSF SBE Minority Postdoctoral Research Fellowships and Follow-up Research Starter Grants (MPRF), "The cognitive basis of individual differences in interest in infants" (\$120,000), Co-sponsor
2011	Penn State College of Liberal Arts award for successful funding of NSF Graduate Research Fellowship application (\$2000)
2010-2016	American Institute of Bisexuality (AIB), "Sexual psychology, behavior, and timing of pubertal sex hormone exposure" Grant# 123038 (\$96,960), PI
2010-2016	Penn State Social Science Research Institute, "Pubertal timing and psychosexual differentiation" with Alan Booth and Khytam Dawood (\$15,400), PI
2009	Interdisciplinary Group program, Institute for the Arts and Humanities, Penn State University, "Sexuality and gender: Controversies in contemporary life and scholarship" With Robert Caserio, Christopher Castiglia, Zachary Kramer, Christopher Reed, Susan Russell, and Carolyn Sachs (\$15,000)
2008-2011	National Institute of Justice (NIJ) Forensic DNA Research and Development grant, "Identifying and communicating genetic determinants of facial features: Practical considerations in forensic molecular photofitting" 2008-DN-BX-K125 (\$500,000), Co-PI with Mark Shriver 2008-2009, PI 2010-2011
2008-2010	NIH Pediatric LRP award, "The timing of pubertal sex steroid exposure: effects on cognition, depression, and substance abuse" (\$10,000), PI
2008	Rock Institute of Ethics, Penn State University, research funds for integrating ethics component into course (\$3000)
2006-2008	NIH Pediatric LRP award, "A mouse model for the effects of older brothers on autism spectrum disorders" (\$20,000), PI
2005	NIMH T32 MH70343-05 fellowship, "Integrative Neurobiology of Social Processes" (\$37,000), trainee
2003-2004	Full-time Dissertation Study Scholarship, University of Pittsburgh
1998-2000	Teaching Fellowship, University of Pittsburgh
1991-1995	Kenyon Scholarship

HONORS AND AWARDS

2023	Human Behavior and Evolution Society Fellow Award for sustained outstanding contributions to the study or teaching of evolution and human behavior, or to the service of the Human Behavior and Evolution Society
2023-2024	Honorary Member, Applied Evolutionary Psychology Society
2017-2023	Elected Executive Council Member-at-Large, Human Behavior and Evolution Society
2017	Runner-up, Margo Ing Wilson Award for best paper published in <i>Evolution and Human Behavior</i> in 2016, "How valid are assessments of conception probability in ovulatory cycle research? Evaluations, recommendations, and theoretical implications"
2013	Early Career Award for Distinguished Scientific Contribution, Human Behavior and Evolution Society
2011	Margo Ing Wilson Award for best paper published in <i>Evolution and Human Behavior</i> in

2010,	“Beauty and the beast: Mechanisms of sexual selection in humans”
2006	Elected Member, International Academy of Sex Research
2004	New Investigator Award, Human Behavior and Evolution Society
2000	Dean’s letter of commendation for positive interaction with students, University of Pittsburgh
1995	United States Track Coaches Association Academic All-American
1993-1995	Kenyon College Certificates of Merit for Outstanding Leadership and Contributions to Campus Life

MEMBERSHIPS (MAY NOT BE CURRENT)

2021-2026	External Advisory Board, The Center for Evolutionary Psychological Science, Oakland University
2016-	Faculty Affiliate, University California at Irvine Institute for Interdisciplinary Salivary Bioscience Research
2007-	Association for Psychological Science
2006-	International Academy of Sex Research
2005-	Society for Behavioral Neuroendocrinology
2003-	Society for Neuroscience
2000-	American Association of Physical Anthropologists
1997-	Human Behavior and Evolution Society

PUBLICATIONS AND PRESENTATIONS

WORKS IN PROGRESS

1. **Puts, D.** How many human sexes are there? Invited Guest Essay. *Archives of Sexual Behavior*.
2. Swift-Gallant, A., Rosenfield, K., Dawood, K., and **Puts, D.** Organizational effects of hormones on sexual orientation. Invited review. *Adaptive Human Behavior and Physiology*.
3. Baek, S., Hill, A.K., Hess, C., Aung, T., Rosenfield, K., Koster, J., Winking, J., and **Puts, D.A.** Mechanisms of sexual selection on men in a natural fertility population.
4. Aung, T., McKinnon, L., Rosenfield, K., Bailey, D.H., Lai, R., Spock-Carlson, S., Motta-Mena, N., and Walker, R.S., and **Puts, D.A.** The dimensionality of the mating environment influences the evolution of coercive forms of mating competition.
5. Cappelle, T. Shirazi, T., Self, H., Dawood, K., and **Puts, D.** Associations between sensation-seeking and salivary steroid concentrations in young men and women.

BOOKS

1. **Puts, D.A.**, Lieberman, D., Hill, A.K. (accepted textbook proposal). *Sex, Evolution, and Human Nature*.
2. **Puts, D.A.** (2003). *Human Sexuality: A Holistic Approach*. Dubuque, Iowa: Kendall Hunt. Revised: **Puts, D.A.** (2009). *The Evolution of Human Sexuality: An Anthropological Perspective, 2nd ed.* Dubuque, Iowa: Kendall Hunt.

PEER-REVIEWED JOURNAL ARTICLES

1. Swift-Gallant, A., Aung, T., Rosenfield, K., Dawood, K., **Puts, D.** (submitted). Organizational effects of gonadal hormones on human sexual orientation. *Adaptive Human Behavior and Physiology*.
2. Hodges-Simeon, C.R. Albert, G., McHale, T., Gaulin, S.J.C., Gurven, M., Landry, N., Hlay, J.K., **Puts, D.A.**, and Arnocky, S.A. (in revision). Masculine voice is associated with better mucosal immune defense in adolescent and adult males.
3. Martínez-Ramírez, J., **Puts, D.**, Nieto, J., and Gonzalez-Santoyo, I. (submitted). Effects of facial skin pigmentation on social judgments in a Mexican population.
4. Aung, T., Hill, A.K., Pfefferle, D., McLester, E., Fuller, J., Lawrence, J.M., Garcia-Nisa, I., Kendal, R.L., Petersdorf, M., Higham, J.P., Galat, G., Lameira, A.R., Apicella, C.L., Barelli, C., Glenn,

- M.E., Ramos-Fernandez, G., **Puts, D.A.** (2023). Group size and mating system predict sex differences in vocal fundamental frequency in anthropoid primates. *Nature Communications*. 14: 4069. <https://doi.org/10.1038/s41467-023-39535-w>
5. Karthikeyan, S., **Puts, D.**, Aung, T., Link, J., Rosenfield, K., Mackiel, A., Casey, A., Marks, K., Cristo, M., Patel, J., Santos, A., and Geher, G. (2023). Articulatory effects on perceptions of men's status and attractiveness. *Scientific Reports*. 13(2647): 1-11. <https://doi.org/10.1038/s41598-023-29173-z>
 6. Aung, T., Hill, A., Hlay, J., Hess, C., Hess, M., Johnson, J., Doll, L., Carlson, S.M., Magdinec, C., González-Santoyo, I., Walker, R., Bailey, D., Arnocky, S., Kamble, S., Vardy, T., Kyritsis, T., Atkinson, Q., Jones, B., Koster, J., Palomo-Vélez, G., Tybur, J., Muñoz-Reyes, J., Choy, B.K.C., Li, N., Langenhoff, A., Klar, V., Batres, C., Bascheck, P., Schild, C., Penke, L., Pazhoohi, F., Kemirembe, K., Valentova, J.V., Varella, M.A.C., Borrás-Guevara, M., Hodges-Simeon, C., Ernst, M., Garr, C., Chen, B., and **Puts, D.** (revised and submitted). Effects of voice pitch on social perceptions vary with relational mobility and homicide rate. *Psychological Science*.
 7. Pisanski, K. **Puts, D.**, Johnson, J., Rusicka, I., Sorokowska, A., Groyecka, A., and Sorokowski, P. (in revision). Men and women adjust their voice frequencies depending on the sex of their conversational partner.
 8. Bailey, D.H., **Puts, D.A.**, and Breedlove, S.M. (in revision). Sex hormones and finger lengths: A new analytical approach.
 9. Rosenfield, K., Self, H., Dawood, K., Cárdenas, R.A., Shirazi, T.N., Ortiz, T., Carré, J., and **Puts, D.A.** (2022). Associations between sexual desire and within-individual testosterone and cortisol in men and women. *Adaptive Human Behavior and Physiology*. 8: 156-178. <https://doi.org/10.1007/s40750-022-00184-w>
 10. Shirazi, T.N., Self, H., Dawood, K., Welling, L.L.M., Cárdenas, R.A., Rosenfield, K., Bailey, J.M., Balasubramanian, R., Delaney, A., Breedlove, S.M., and **Puts, D.A.** (2022). Low perinatal androgens predict recalled childhood gender nonconformity in men. *Psychological Science*. 33(3): 343-353. <https://doi.org/10.1177/09567976211036075>
 11. Swift-Gallant A., Shirazi, T.L., **Puts, D.A.**, and Breedlove, S.M. (2021). Evidence for perinatal steroid influence on human sexual orientation and gendered behavior. *Cold Spring Harbor Perspectives in Biology*. a039123. <http://dx.doi.org/10.1101/cshperspect.a039123>
 12. Hughes, S.M. and **Puts, D.A.** (2021). Vocal modulation in human mating and competition. *Philosophical Transactions of the Royal Society B: Biological Sciences*. <https://doi.org/10.1098/rstb.2020.0388>
 13. Arnocky, S., Hodges-Simeon, C., Davis, A., Desmarais, R., Greenshields, A., Liwski, R., Quillen, E., Cárdenas, R.A., and Breedlove, S.M., **Puts, D.** (2021). Heterozygosity of the major histocompatibility complex predicts later self-reported pubertal maturation in males. *Scientific Reports*. 11: 19862. <https://doi.org/10.1038/s41598-021-99334-5>
 14. Shirazi, T.N., Self, H., Dawood, K., Welling, L.L.M., Cárdenas, R.A., Rosenfield, K., Bailey, J.M., Balasubramanian, R., Delaney, A., Breedlove, S.M., and **Puts, D.A.** (2021). Evidence that perinatal ovarian hormones promote women's sexual attraction to men. *Psychoneuroendocrinology*. 134: 105431. <https://doi.org/10.1016/j.psyneuen.2021.105431>
 15. Stern, J., Schild, C.; Jones, B.C.; DeBruine, L. M.; Hahn, A.; **Puts, D.A.**; Zettler, I.; Kordsmeyer, T. L.; Feinberg, D.; Zamfir, D.; Penke, L.; Arslan, R.C. (2021). Do voices carry valid information about a speaker's personality? *Journal of Research in Personality*. 92: 104092. <https://doi.org/10.1016/j.jrp.2021.104092>
 16. Aung, T., Goetz, S.M.M., Adams, J. McKenna, C., Hess, C., Cheng, J., Zilioli, S., and **Puts, D.A.** (2021). Low fundamental and formant frequencies predict fighting ability among male mixed martial arts fighters. *Scientific Reports*. 11(1): 1-10. <https://doi.org/10.1038/s41598-020-79408-6>
 17. Shirazi, T.N., Levenberg, K., Cunningham, H., Self, H., Dawood, K., Cárdenas, R.A., Ortiz, T., Carré, J., Breedlove, S.M., and **Puts, D.A.** (2021). Relationships between ovarian hormone concentrations and mental rotations performance in naturally-cycling women. *Hormones and*

- Behavior*. 127: 104886. <https://doi.org/10.1016/j.yhbeh.2020.104886>
18. Albert, G., Arnocky, S., **Puts, D.A.**, and Hodges-Simeon, C.R. (2021). Can listeners assess men's self-reported health from their voice? *Evolution and Human Behavior*. 42: 91-103. <https://doi.org/10.1016/j.evolhumbehav.2020.08.001>
 19. Aung, T., Rosenfield, K., and **Puts, D.** (2021). Male voice pitch mediates the relationship between objective and perceived formidability. *Evolution and Human Behavior*. 42(2): 121-129. <https://doi.org/10.1016/j.evolhumbehav.2020.08.007>
 20. Schild, C., Aung, T., Kordsmeyer, T.L., Cárdenas, R.A., **Puts, D.A.**, and Penke, L. (2020). Linking human male vocal parameters to body morphology, strength and hormonal profiles in contexts of sexual selection. *Scientific Reports*. 10(1): 1-16. <https://doi.org/10.1038/s41598-020-77940-z>
 21. Shirazi, T.N., Self, H., Dawood, K., Cárdenas, R.A., Welling, L.L.M., Rosenfield, K., Ortiz, T., Carré, J., Balasubramanian, R., Delaney, A., Crowley, W., Breedlove, S.M., and **Puts, D.A.** (2020). Pubertal timing predicts adult psychosexuality: Evidence from typically developing adults and adults with isolated GnRH deficiency. *Psychoneuroendocrinology*. 119: 104733. <https://doi.org/10.1016/j.psyneuen.2020.104733>
 22. Shirazi, T.N., Self, H., Cantor, J.M., Dawood, K., Cárdenas, R.A., Rosenfield, K., Ortiz, T., Carré, J., McDaniel, M.A., Blanchard, R.M., Balasubramanian, R., Delaney, A., Crowley, W., Breedlove, S.M., and **Puts, D.A.** (2020). Timing of peri-pubertal steroid exposure predicts visuospatial performance in men: Evidence from three samples. *Hormones and Behavior*. 121: 104712. <https://doi.org/10.1016/j.yhbeh.2020.104712>
 23. Shirazi, T.N., Rosenfield, K., Cárdenas, R.A., Breedlove, S.M., and **Puts, D.A.** (2020). No evidence that hormonal contraceptive use or circulating sex steroids predict complex emotion recognition. *Hormones and Behavior* 119: 104647. <https://doi.org/10.1016/j.yhbeh.2019.104647>
 24. Aung, T. and **Puts, D.A.** (2020). Voice pitch: A window into the communication of social power. *Current Opinion in Psychology*. 33: 154-161. <https://doi.org/10.1016/j.copsy.2019.07.028>
 25. Rosenfield, K., Sorokowska, A., Sorokowski, P., and **Puts, D.** (2020). Sexual selection for low male voice pitch among Amazonian forager-horticulturists. *Evolution and Human Behavior*. 41: 3-11. <https://doi.org/10.1016/j.evolhumbehav.2019.07.002>
 26. White, J. and **Puts, D. A.** (2019). Genes influence facial attractiveness through intricate biological relationships. *PLoS Genetics*. 15(5): e1008030 (5pp.). <https://doi.org/10.1371/journal.pgen.1008030>
 27. Aung, T., Hughes, S., Hone, L., and **Puts, D.A.** (2019). Operational sex ratio predicts binge drinking across U.S. counties. *Evolutionary Psychology*. 17(3): 1-11. <https://doi.org/10.1177/1474704919874680>
 28. Necka, E.A., Kardan, O., **Puts, D.A.**, Faig, K.E., Berman, M.G., and Norman, G.J. (2019). Visual cues to fertility are in the eye (movements) of the beholder. *Hormones and Behavior*. 115: 104562. <https://doi.org/10.1016/j.yhbeh.2019.104562>
 29. Shirazi, T.N., Jones, B.C., Roney, J., DeBruine, L.M., and **Puts, D.A.** (2019). Conception risk affects in-pair and extrapair desire similarly: a comment on Shimoda et al. (2018). *Behavioral Ecology*. 30(4): e6-e7. <https://doi.org/10.1093/beheco/arz056>
 30. Sorokowski, P., **Puts, D.**, Johnson, J., Zockiewicz, O., Oleszkiewicz, A., Sorokowska, A., Kowal, M., Borkowska, B., and Pisanski, K. (2019). Voice of authority: Professionals lower their vocal frequencies when giving expert advice. *Journal of Nonverbal Behavior*. 43(2): 257-269. <https://doi.org/10.1007/s10919-019-00307-0>
 31. Shirazi, T.N., Self, H., Dawood, K., Rosenfield, K.A., Penke, L., Carré, J., Ortiz, T., and **Puts, D.A.** (2019). Hormonal predictors of women's sexual motivation. *Evolution and Human Behavior*. 40(3): 336-344. <https://doi.org/10.1016/j.evolhumbehav.2019.02.002>
 32. Schild, C., Feinberg, D.R., **Puts, D.A.**, Jünger, J., Fasolt, V., Holzleitner, I., O'Shea, K., Lai, R., Arslan, R., Hahn, A., Cárdenas, R., DeBruine, L.M., Jones, B.C. (2019). Are attractive female voices really best characterized by feminine fundamental and formant frequencies? [registered report, in-principle acceptance.] *Evolution and Human Behavior*. <https://doi.org/10.1016/j.evolhumbehav.2019.02.001>

33. Zaidi, A., White, J., Mattern, B.C., Liebowitz, C.R., **Puts, D.**, Claes, P., and Shriver, M. (2019). Facial masculinity does not appear to be a condition-dependent male ornament in humans and does not reflect MHC heterozygosity. *Proceedings of the National Academy of Sciences of the USA*. 116(5): 1633-1638. <https://doi.org/10.1073/pnas.1808659116>
34. **Puts, D.A.** and Aung, T. (2018). Does men's voice pitch signal formidability? A reply to Feinberg et al. *Trends in Ecology and Evolution*. 34(3): 189-190. <https://doi.org/10.1016/j.tree.2018.12.004>
35. Jünger, J., Motta-Mena, N.V., Cárdenas, R., Bailey, D., Rosenfield, K.A., Schild, C., Penke, L., and **Puts, D.A.** (2018). Do women's preferences for masculine voices shift across the ovulatory cycle? *Hormones and Behavior*. 106: 122-134. <https://doi.org/10.1016/j.yhbeh.2018.10.008>
36. Shirazi, T., Bossio, J., **Puts, D.A.**, and Chivers, M. (2018). Menstrual cycle phase predicts women's hormonal responses to sexual stimuli. *Hormones and Behavior*. 103: 45-53. <https://doi.org/10.1016/j.yhbeh.2018.05.023>
37. Rosinger, A.Y. and **Puts, D.A.** (2018). It's complicated: Why raters' BMI poorly explained attractiveness ratings. *Obesity*. 26(3): 461-462. <https://doi.org/10.1002/oby.22125>
38. Necka, E.A., Faig, K.E., Van Hedger, K., Lyons, I.M., Dimitroff, S.J., Luhmann, M., **Puts, D.A.**, and Norman, G.J. (2018). Women's attention to and memory for fertile- and non-fertile phase women across the menstrual cycle. *Adaptive Human Behavior and Physiology*. 4(3): 283-305. <https://doi.org/10.1007/s40750-018-0093-4>
39. Kordsmeyer, T.L., Hunt, J., **Puts, D.A.**, Ostner, J., and Penke, L. (2018). The relative importance of intra- and intersexual selection on human male sexually dimorphic traits. *Evolution and Human Behavior*. 39(4): 424-436. <https://doi.org/10.1016/j.evolhumbehav.2018.03.008>
40. Shirazi, T., **Puts, D.A.**, and Escasa-Dorne, M. (2018). Filipino women's preferences for male voice pitch: Intra-individual, life history, and hormonal predictors. *Adaptive Human Behavior and Physiology*. 4(2): 188-206. <https://doi.org/10.1007/s40750-018-0087-2>
41. Smith, K.M., Olkhov, Y.M., **Puts, D.A.**, and Apicella, C.L. (2017). Hadza men with lower voice pitch have a better hunting reputation. *Evolutionary Psychology*. October-November 2017: 1-12. <https://doi.org/10.1177/1474704917740466>
42. Groyecka, A., Pisanski, A., Sorokowska, A., Havlicek, J., Karwowski, M., **Puts, D.**, Roberts, S. C., and Sorokowski, P. (2017). Attractiveness is multimodal: Beauty is also in the nose and ear of the beholder. *Frontiers in Psychology*. 8: 778. <http://dx.doi.org/10.3389/fpsyg.2017.00778>
43. Hill, A.K., Cárdenas, R.A., Wheatley, J.R., Welling, L.L.M., Burriss, R.P., Claes, P., Apicella, C.L., McDaniel, M.A., Little, A.C., Shriver, M.D., and **Puts, D.A.** (2017). Are there vocal cues to human developmental stability? Relationships between facial fluctuating asymmetry and vocal attractiveness. *Evolution and Human Behavior*. 38: 249-258. <http://dx.doi.org/10.1016/j.evolhumbehav.2016.10.008>
44. Hurst, A.C., Alquist, J.L., and **Puts, D.A.** (2017). Women's fertility status alters other women's jealousy and mate guarding. *Personality and Social Psychology Bulletin*. 43: 191-203. <http://dx.doi.org/10.1177/0146167216678859>
45. Motta-Mena, N.V. and **Puts, D.A.** (2017). Endocrinology of human female sexuality, mating, and reproductive behavior. *Hormones and Behavior*. 91: 19-35. <http://dx.doi.org/10.1016/j.yhbeh.2016.11.012>
46. **Puts, D.A.**, Hill, A.K., Bailey, D.H., Walker, R.S., Rendall, D., Wheatley, J.R., Welling, L.L.M., Dawood, K., Cárdenas, R.A., Jablonski, N.G., Shriver, M.D., Weiss, D., Lameira, A.R., Apicella, C.L., Owren, M.J., Barelli, C., Glenn, M.E., and Ramos-Fernandez, G. (2016). Sexual selection on male vocal fundamental frequency in humans and other anthropoids. *Proceedings of the Royal Society B: Biological Sciences*. 283: 20152830. <http://dx.doi.org/10.1098/rspb.2015.2830>
47. Necka, E.A., **Puts, D.A.**, Dimitroff, S.J., and Norman G.J. (2016). Other women's fertility moderates female resource distribution across the menstrual cycle. *Evolution and Human Behavior*. 37: 387-391. <http://dx.doi.org/doi:10.1016/j.evolhumbehav.2016.03.003>
48. Del Giudice, M., Lippa, R.A., **Puts, D.A.**, Bailey, D.H., Bailey, J.M., and Schmitt, D.P. (2016). Joel et al.'s method systematically fails to detect large, consistent sex differences. *Proceedings of the*

- National Academy of Sciences of the USA*. 113: E1965.
<http://www.pnas.org/cgi/doi/10.1073/pnas.1525534113>
49. **Puts, D.A.** (2016). Human sexual selection. *Current Opinion in Psychology*. 7: 28-32.
<http://dx.doi.org/doi:10.1016/j.copsy.2015.07.011>
 50. Krems, J.A., Neel, R., Neuberg, S.L., **Puts, D.A.**, and Kenrick, D.T. (2016). Women selectively guard their (desirable) mates from ovulating women. *Journal of Personality and Social Psychology*. 110: 551-573. <http://dx.doi.org/10.1037/pspi0000044>
 51. Gangestad, S.W., Haselton, M.G., Welling, L.L.M., Gildersleeve, K., Pillsworth, E.G., Burriss, R.P., Larson, C.M., and **Puts, D.A.** (2016). How valid are assessments of conception probability in ovulatory cycle research? Evaluations, recommendations, and theoretical implications. *Evolution and Human Behavior*. 37: 85-96. <http://dx.doi.org/10.1016/j.evolhumbehav.2015.09.001>
[Runner-up, Margo Ing Wilson Award for best paper published in *Evolution and Human Behavior*, 2017]
 52. Doll, L. M., Cárdenas, R.A., Burriss, R.P., and **Puts, D.A.** (2016). Sexual selection and life history: Earlier recalled puberty predicts men's phenotypic masculinization. *Adaptive Human Behavior and Physiology*. 2: 134-149. <http://dx.doi.org/doi:10.1007/s40750-015-0031-7>
 53. Halley, A., Boretsky, M., **Puts, D.A.**, and Shriver, M.D. (2016). Self-reported sexual behavioral interests and polymorphisms in the dopamine receptor D4 (DRD4) exon III VNTR in heterosexual young adults. *Archives of Sexual Behavior*. 45(8): 2091-2100.
<http://dx.doi.org/doi:10.1007/s10508-015-0646-6>
 54. Gonzalez-Santoyo, I., Wheatley, J.R., Welling, L.L.M., Cárdenas, R.A., Dawood, K., and **Puts, D.A.** (2015). The face of female dominance: Women with dominant faces have lower cortisol. *Hormones and Behavior*. 71: 16-21. <http://dx.doi.org/10.1016/j.yhbeh.2015.03.006>
 55. **Puts, D.A.**, Pope, L.E., Hill, A.K., Cárdenas, R.A., Welling, L.L.M., Wheatley, J.R., and Breedlove, S.M. (2015). Fulfilling Desire: Evidence for negative feedback between men's testosterone, sociosexual psychology, and sexual partner number. *Hormones and Behavior*. 70: 14-21.
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4. Hill, A.K., Cardenas, R.A., Wheatley, J.R., Welling, L.L.M., Burriss, R.P., Claes, P., Apicella, C.L., McDaniel, M.A., Little, A.C., Shriver, M.D., **Puts, D.A.** (2017). The human voice conveys information on developmental stability. *American Journal of Physical Anthropology*, 162(S64): 216-217.
5. Hill, A.K., Bailey, D.H., Walker, R.S., and **Puts, D.A.** (2016). Evidence that anthropoid call frequencies are shaped by sexual selection. *American Journal of Physical Anthropology*, 159: 173-174.
6. Hodges-Simeon, C.R., Gurven, M., Cárdenas, R.A., **Puts D.A.**, and Gaulin, S.J.C. (2014). Using voice change as a measure of male pubertal timing yields insights into the evolutionary origins of

- human vocal sexual dimorphism. *American Journal of Human Biology*, 26(2): 266.
7. Wheatley, J., Apicella, C., Bailey, D., Burriss, R., and **Puts, D.** (2013). Women's voices signal fertility in industrial and foraging populations. *Homo—Journal of Comparative Human Biology*, 64(2): 161.
 8. Hill, A.K. and **Puts, D.A.** (2011). What does a man's voice advertise? *Evolutionary Behavioral Sciences*. 5(4): 309-310.
 9. Shriver, M.D., Liberton, D., Matthes, K., Boster, J., and **Puts, D.A.** (2009). Genetics, selection, perception and the human face. *American Journal of Physical Anthropology*, 138 (Supplement 48): 239.
 10. Liberton, D.K., Pereira, R.W., Frudakis, T., **Puts, D.A.**, and Shriver, M.D. (2009). Fluctuating asymmetry in the face is negatively correlated with genetic ancestry. *American Journal of Physical Anthropology*, 138 (Supplement 48): 155.
 11. **Puts, D.A.**, McDaniel, M.A., Jordan, C.L., and Breedlove, S.M. (2005). Prenatal androgens and spatial ability in humans: Meta-analyses of CAH and 2D:4D studies. *Hormones and Behavior*, 48(1): 121.
 12. Weinberg, S.M., **Puts, D.A.**, Mooney, M.P., and Siegel, M.I. (2002). Nonmetric population variation in perinatal human skulls. *American Journal of Physical Anthropology*, Supplement 34: 162.
 13. **Puts, D.A.**, Mooney, M.P., Smith, T.D., Burrows, A.M., Cooper, G.M., Dechant, J., Losken, H.W., and Siegel, M.I. (2000). Growth of the cranial base in craniostotic rabbits following coronal suturectomy. *American Journal of Physical Anthropology*, Supplement 30: 255-256.
 14. Mooney, M.P., **Puts, D.A.**, Smith, T.D., Burrows, A.M., Cooper, G.M., Dechant, J., Losken, H.W., and Siegel, M.I. (2000). Cranial base changes following coronal suturectomy in craniostotic rabbits. *Journal of Dental Research*, (Special Issue): 323.

KEYNOTE AND PLENARY TALKS

1. **Puts, D.A.** (postponed). *The voice as a model trait for studying human sexual selection*. Plenary talk to be given at the 4th Brazilian Meeting of Evolution of Human Behavior, Sao Paulo, Brazil, October 2022. <https://www.4thbrazilianehb.com/speakers/>
2. **Puts, D.A.** *Endocrine organization of sex differences in psychology and behavior: New evidence from a rare source*. Keynote talk for the 16th annual Northeastern Evolutionary Psychology Conference, Pittsburgh, Pennsylvania, April 2022.
3. **Puts, D.A.** *Sexual selection and the human voice*. Keynote talk for the Nonverbal Behavior Preconference, Annual Convention for the Society for Personality and Social Psychology, Atlanta, Georgia, March 2018.
4. **Puts, D.A.** *Human sexual selection: What our voices tell us*. Plenary talk at the International Convention of Psychological Science, Amsterdam, The Netherlands, March 2015. <https://www.youtube.com/watch?t=1&v=FsVFNBVmgOM>
5. **Puts, D.A.** *Origins of gender: The development and evolution of human sex differences*. Keynote talk for Women's History Month, SUNY Fredonia, Fredonia, NY, March 2012.

OTHER INVITED TALKS

1. **Puts, D.A.** *Gender socialization isn't enough: How sex hormones produce behavioral sex differences*. Sex/Gender Differences: The Big Conversation, a conversation among international experts on the origins, mechanisms, and meaning of sex/gender differences, Santa Fe, New Mexico, September 30-October 1, 2023. <https://santafeboys.org/the-big-conversation-program/>
2. **Puts, D.A.** *Endocrine organization of sex differences in psychology and behavior: New evidence from a rare source*. Evolution and the Social Science Speaker Series, University of Missouri, Columbia, MO (remote), 12 September 2022.
3. **Puts, D.A.** *What causes males and females to develop different patterns of behavior? Endocrine organization of sex differences in psychology and behavior*. Oklahoma Center for Evolutionary Analysis Speaker Series, Oklahoma State University, Stillwater, Oklahoma (remote), 23 September 2021.
4. **Puts, D.A.** *Early gonadal hormones shape psychology and behavior*. Department of Psychology,

- University of New Mexico, Albuquerque, NM (remote), 16 April 2021.
5. **Puts, D.A.** *Gonadal hormones organize sex differences in psychology and behavior: Evidence from isolated GnRH deficiency.* School of Applied Sciences, Abertay University, Dundee, UK (remote), 18 February 2021.
 6. **Puts, D.A.** and Shirazi, T. *Endocrine organization of sex differences in psychology and behavior: Evidence from isolated GnRH deficiency.* Oklahoma Center for Evolutionary Analysis, Oklahoma State University, Stillwater, Oklahoma (remote), 2 December 2020.
 7. Shirazi, T. and **Puts, D.A.** *Isolated GnRH Deficiency: A novel disease model for investigating gonadal hormone organization of human psychology and behavior.* Society for Behavioral Endocrinology Presidential Hormones and Behavior Symposium (remote), 21 November 2020.
 8. **Puts, D.A.** and Dawood, K. *Let's talk about sex, baby! Understanding the factors shaping human sexuality.* Penn State Science Policy Society Presents: Science on Tap. State College, PA, 18 February 2020.
 9. **Puts, D.A.** *Sex, hormones, and the evolution of human behavior.* Archeology Lecture Series, The College of Wooster, Wooster, OH, 18 September 2017.
<http://www.wooster.edu/news/releases/2017/september/david-puts-archaeology/index.php>
 10. **Puts, D.A.** *Sex, hormones, and the evolution of human behavior.* EvoS Seminar Series, SUNY New Paltz, New Paltz, NY, 3 April 2017.
<http://newpaltz.mediasite.suny.edu/Mediasite/Play/e9830fa62194452aae793d4115ff01e41d?catalog=ae73fe38-0251-4ff8-b14d-b8b35a366b54>
 11. **Puts, D.A.** *Human sexual selection: What our voices tell us.* Leibniz Science Campus, University of Goettingen, Goettingen, Germany, June 2016.
 12. **Puts, D.A.** *The voice as a model trait for studying human sexual selection.* Department of Psychology, Nipissing University, Nipissing, Canada, March 2016.
 13. **Puts, D.A.** *Speaking of sex...* Being Human speaker series, The Leakey Foundation, San Francisco, CA, February 2016.
<https://www.youtube.com/watch?v=h8jsR8u2y9w>
Audio only: <https://soundcloud.com/origin-stories/episode-17-being-human>
 14. **Puts, D.A.** *The evolutionary biology of human sex differences.* Department of Psychology, University of Chicago, Chicago, IL, October 2015.
 15. **Puts, D.A.** *Voice lessons: What our voices tell us about human sexual selection.* Adapted Mind, Adapted Body: The Evolution of Human Behavior and its Neuroendocrine Regulation, Centre for Scientific Culture, Erice, Italy, June 2015.
 16. **Puts, D.A.** *The evolution of human mating.* TEDxPSU, University Park, PA, March 2014. (>400,000 views) https://www.ted.com/talks/david_puts_to_find_your_perfect_mate_think_like_an_evolutionist
<https://www.youtube.com/watch?v=OXQwtTOlVg>
Subtitles in Arabic, English, French, German, Indonesian, Portuguese, Russian, and Spanish:
<http://ccsubs.com/video/yt%3AOXQwtTOlVg/the-evolution-of-human-mating-david-puts-at-tedxpsu/subtitles>
 17. Bossio, J., Suschinsky, K., **Puts, D.A.**, Chivers, M. *Does menstrual cycle phase influence the gender specificity of heterosexual women's genital and subjective sexual arousal?* Annual meeting of the International Academy of Sex Research, Chicago, IL, August 2013. **[Best student manuscript award]**
 18. Hill, A.K. and **Puts, D.A.** *Men's mating success and the paradox of attractiveness.* Annual meeting of the International Academy of Sex Research, Chicago, IL, August 2013.
 19. **Puts, D.A.** *The evolution of women's orgasm.* "The Evolution of Sexuality" conference, Oakland University, Rochester, MI, March 2013.
 20. **Puts, D.A.** *Gorillas in our midst? Sexual selection in men.* 11th annual Evolutionary Preconference at the Society for Personality and Social Psychology annual meeting, New Orleans, LA, January 2013.
 21. **Puts, D.A.** *The origins of gender: Sex, hormones and evolution.* Psychology Department, Bucknell University, Lewisville, PA, September 2012.

22. **Puts, D.A.**, Bailey, D.H., Cárdenas, R.A., Burriss, R.P., Welling, L.L.M., and Wheatley, J.R. Estradiol and progesterone predict menstrual cycle changes in women's vocal attractiveness. 24th Annual Meeting of the Human Behavior and Evolution Society, Albuquerque, NM, June 2012.
23. **Puts, D.A.** *Voice manipulation and analysis*. Summer Institute of the International Society for Human Ethology, Prague, Czech Republic, July 2011.
24. **Puts, D.A.** *Sex, hormones and evolution*. Penn State Chapter of the International Honors Society in Psychology, Psi Chi, Department of Psychology, Pennsylvania State University, University Park, PA, February 2011.
25. **Puts, D.A.** *Human sex differences: Some possible proximate and ultimate causes*. Animal Science Program, Department of Dairy and Animal Science, Pennsylvania State University, University Park, PA, January 2011.
26. **Puts, D.A.** and Barndt, J.L. *Intersexual selection and human voices*. Annual meeting of the International Academy of Sex Research, Prague, Czech Republic, July 2010.
27. **Puts, D.A.** *Beauty and the beast: Mechanisms of sexual selection in humans*. Department of Biobehavioral Health, Pennsylvania State University, University Park, PA, November 2009.
28. **Puts, D.A.** *Attractiveness, dominance, and the evolution of low voices in men*. Department of Psychology, Pennsylvania State University, University Park, PA, November 2008.
29. **Puts, D.A.** *Attraction, dominance, and the evolution of low voices in men*. Department of Psychology, Northwestern University, Evanston, IL, March 2007.
30. **Puts, D.A.** *A mouse model of fraternal birth order effects on brain and behavior*. Behavior Genetics Unit, Center for Psychiatric Genetics, ENH Institute, Evanston, IL, March 2007.
31. **Puts, D.A.** *Female choice, male dominance, and the evolution of low voices in men*. Department of Psychology, Alma College, Alma, MI, November 2006.
32. **Puts, D.A.** *Sex differences in spatial ability: evolution, hormones and the brain*. Department of Psychology, Michigan State University, East Lansing, MI, September 2006.
33. **Puts, D.A.** *Female mate choice and sexual selection for low pitch in men*. Department of Telecommunication, Information and Media, Michigan State University, East Lansing, MI, February 2005.
34. **Puts, D.A.** *Why be an evolutionist? The use of evolutionary theory for generating testable hypotheses in psychology*. Department of Psychology, Alma College, Alma, MI, March 2002.
35. **Puts, D.A.** *The evolution of body hair reduction in humans as a means of increased vitamin D biosynthesis*. Department of Biological Sciences, University of Pittsburgh, Pittsburgh, PA, November 1998.

ORAL AND POSTER PRESENTATIONS

1. Baek, S., Aung, T., and **Puts, D.** Waist-to-Hip ratio indicates reproductive value in human females: Evidence from 44,665 individuals across four diverse populations. Oral presentation at the 16th annual Evolutionary Behavioral Science Conference of the Northeastern Evolutionary Psychology Society, New Paltz, NY, April 2023.
2. Karthikeyan, S., Patel, J., Link, J., Cristo, M., Casey, A., Santos, A., Mackiel, A., Marks, K., Rosenfield, K., Aung, T., **Puts, D.** The language of human mating: Accent effects on attractiveness and dominance ratings sexual selection on voice pitch in men. Oral presentation at the 14th annual Evolutionary Behavioral Science Conference of the Northeastern Evolutionary Psychology Society (virtual), July 2021.
3. Aung, T. and **Puts, D.** Sexual selection on voice pitch in men. Oral presentation at the 14th annual Evolutionary Behavioral Science Conference of the Northeastern Evolutionary Psychology Society (virtual), July 2021. **[Gordon Bear Best Student Presentation Award]**
4. Senveli, Z., Albert, G., Hlay, J., Bird, B.M., Arnocky, S.A., Puts, D.A., Hodges-Simeon, C.R. Observers can accurately assess self-reported male health from facial photographs. Poster presented at the 13th annual Northeastern Evolutionary Psychology Society conference. Boston, MA, June 2019.
5. Albert, G., Hlay, J., Senveli, Z., Bird, B.M., Arnocky, S.A., **Puts, D.A.**, Hodges-Simeon, C.R.

- Observers can accurately assess self-reported male health from facial photographs. Poster presented at the 31st annual Human Behavior and Evolution Society conference. Boston, MA, June 2019.
6. White, J., Zaidi, A., Mattern, B.C., Liebowitz, C.R., **Puts, D.**, Claes, P., and Shriver, M. Facial masculinity does not appear to be a condition-dependent male ornament and does not reflect MHC heterozygosity in humans. Oral presentation at the annual meeting of the American Society of Human Genetics, San Diego, CA, October 2018.
 7. Schild, C., Kordsmeyer, T., **Puts, D.A.**, and Penke, L. The role of vocal parameters in perception of male dominance and attractiveness. Poster presented at the 30th annual meeting of the Human Behavior and Evolution Society, Amsterdam, The Netherlands, June 2018.
 8. Kordsmeyer, T.L., Hunt, J., **Puts, D.A.**, and Penke, L. The relative importance of various attractiveness and dominance measures in sexual selection on men. Oral presentation at the 19th annual meeting of the European Conference on Personality, Zadar, Croatia, July 2018.
 9. Hill, A.K., Burns, J.L., Koster, J., Winking, J., Burriss, R.P., and **Puts, D.A.** Intrasexual rivalry, intersexual choice, and men's fitness. Poster presented at the 87th annual meeting of the American Association of Physical Anthropologists, Austin, TX, April 2018.
 10. Rosenfield, K.A., Dawood, K., Bailey, J.M., Shirazi, T.N., Cárdenas, R., Breedlove, S.M., and **Puts, D.A.** Men who recall more childhood gender nonconformity have higher salivary testosterone. Talk given at the 29th annual meeting of the Human Behavior and Evolution Society, Boise, ID, May 2017.
 11. Shirazi, T.N., Self, H., Dawood, K., Rosenfield, K.A., Ortiz, T., Carré, J., and **Puts, D.A.** Hormonal predictors of within- and between-women variation in sociosexuality. Talk given at the 29th annual meeting of the Human Behavior and Evolution Society, Boise, ID, May 2017.
 12. Hill, A.K., Koster, J., Winking, J., and **Puts, D.A.** Mechanisms of sexual selection on men in a natural fertility population. Poster presentation given at the 29th annual meeting of the Human Behavior and Evolution Society, Boise, ID, May 2017.
 13. Hill, A.K. Cárdenas, R.A., Wheatley, J.R., Welling, L.L.M., Burriss, R.P., Claes, P., Apicella, C.L., McDaniel, M.A., Little, A.C., Shriver, M.D., and **Puts, D.A.** Communicating developmental stability: people with symmetrical faces have more attractive voices. Oral presentation delivered at the annual meeting of the European Human Behaviour and Evolution Association, Paris, France, April 2017.
 14. **Puts, D.A.** Are human voices honest signals of condition? Oral presentation delivered at the 86th annual meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 2017.
 15. Hill, A.K., Cárdenas, R.A., Wheatley, J.R., Welling, L.L.M., Burriss, R.P., Claes, P., Apicella, C.L., McDaniel, M.A., Little, A.C., Shriver, M.D., and **Puts, D.A.** The human voice conveys information on developmental stability. Oral presentation delivered at the 86th annual meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 2017.
 16. Hill, A.K., Bailey, D.H., Walker, R.S., and **Puts, D.A.** Evidence that anthropoid call frequencies are shaped by sexual selection. Oral presentation delivered at the 85th annual meeting of the American Association of Physical Anthropologists, Atlanta, GA, April 2016.
 17. Hill, A.K., Bailey, D.H., Walker, R.S., and **Puts, D.A.** Sexual selection on primate vocalizations: The evolution of sex differences in pitch. Oral presentation delivered at the 69th annual Northwest Anthropological Conference, Tacoma, WA, March 2016.
 18. Necka, E.A., Van Hedger, K., Faig, K.E., Dimitroff, S.J., **Puts, D.A.**, and Norman, G.J. Fertile women exhibit an attentional bias toward the faces of other fertile women. Poster presented at the Annual Meeting of the Society for Social Neuroscience, Chicago, IL, October 2015.
 19. **Puts, D.**, Hill, A., Wheatley, J., Welling, L., Dawood, K., Cárdenas, R., and Shriver, M. Hormonal evidence that men's voice pitch reveals underlying condition. Poster presented at the 27th annual meeting of the Human Behavior and Evolution Society, Columbia, MO, June 2015.
 20. Krems, J.A., Neel, R., Neuberg, S.L., **Puts, D.A.**, and Kenrick, D.T. Women selectively and strategically guard their (desirable) mates from ovulating women. Oral presentation delivered at the 27th annual meeting of the Human Behavior and Evolution Society, Columbia, MO, June 2015.

21. Hill, A.K., Bailey, D.H., Walker, R.S., and **Puts, D.A.** Sexual selection favors low vocal pitch in humans and other anthropoid primates. Oral presentation delivered at the 27th annual meeting of the Human Behavior and Evolution Society, Columbia, MO, June 2015.
22. Doll, L.M., Cárdenas, R.A., Burriss, R.P., and **Puts, D.A.** Sexual selection and life history: Earlier recalled puberty predicts men's masculinity. Poster presented at the 9th Annual Meeting of the Northeastern Evolutionary Psychology Society, Boston, MA, April 2015.
23. Necka, E.A., **Puts, D.A.**, Dimitroff, S., and Norman, G.J. Playing to win: Other women's fertility moderates female resource distribution across the menstrual cycle. Oral presentation at the Social Neuroendocrinology Pre-Conference of the Society for Personality and Social Psychology, Long Beach, CA, February 2015.
24. Necka, E.A., **Puts, D.A.**, Dimitroff, S., and Norman, G.J. Playing to win: Other women's fertility moderates female resource distribution across the menstrual cycle. Poster presented at the Evolutionary Psychology Pre-Conference of the Society for Personality and Social Psychology, Long Beach, CA, February 2015.
25. Hodges-Simeon, C.R., Gurven, M., Cárdenas, R.A., **Puts D.A.**, and Gaulin, S.J.C. Using male voice change as a measure of pubertal timing yields insights into the evolutionary origins of male sexual dimorphism. Oral presentation at the 39th Annual Meeting of the Human Biology Association. Calgary, Canada, April 2014.
26. Chivers, M.L. and **Puts, D.A.** Effects of menstrual cycle phase, testing order, and exposure to sexual stimuli on testosterone, estradiol, and progesterone responses in heterosexual women. Poster presented at the Annual meeting of the International Academy of Sex Research, Chicago, IL, August 2013.
27. Halley, D., Boretsky, M., **Puts, D.**, and Shriver, M. Human sexual behavioral preferences and polymorphisms in the dopamine receptor D4 (*DRD4*) exon 3 VNTR. Poster presented at the International Society for Human Ethology Summer Institutes, Ann Arbor, MI, August 2013. [**Best Poster Award, International Society for Human Ethology Summer Institutes, 2013**]
28. Bundy, J.N. and **Puts, D.A.** Total sexual selection on male voices. Poster presented at Evolution 2013 (annual joint meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists), Snowbird, UT, June 2013.
29. **Puts, D.A.**, Pope, L.E., Hill, A.K., Cárdenas, R.A., and Welling, L.L.M. Evidence for negative feedback between testosterone and men's copulatory success: Sociosexuality, sexual variety and men's testosterone. Poster presented at the 7th Annual Meeting of the Northeastern Evolutionary Psychology Society, Annville, PA, May 2013.
30. Wheatley, J.R., Matz, A.P., Welling, L.L.M., Cárdenas, R.A., Dawood, K., Hill, A.K., and **Puts, D.A.** Women's orgasm quality and their perceptions of their mates: support for the pair-bond hypothesis. Oral presentation at the 7th Annual Meeting of the Northeastern Evolutionary Psychology Society, Annville, PA, May 2013.
31. Doll, L.M., Hill, A.K., Rotella, M.A., Cárdenas, R.A., Welling, L.L.M., Wheatley, J.R., and **Puts, D.A.** How well do men's faces and voices index mate quality and dominance? Poster presented at the 7th Annual Meeting of the Northeastern Evolutionary Psychology Society, Annville, PA, May 2013.
32. Wheatley, J.R., Apicella, C.A., Burriss, R.P., Cárdenas, R.A., Bailey, D.A., Welling, L.L.M., and **Puts, D.A.** Women's voices and faces signal fertility in industrial and foraging populations. Oral presentation at the 26th Annual Australasian Society for Human Biology Conference, Port Vila, Vanuatu, December 2012.
33. Shriver, M.D., Claes, P., Liberton, D., Matthes Rosana, K., Quillen, E., Pearson, L., McEvoy, B., Bauchet, M., Tang, H., Barsh, G., Absher, D.M., **Puts, D.A.**, Rocha, J., Beleza, S., Pereira, R.W., Wagner, J.K., and Boster, J. Modeling 3D facial shape in relation to sex and genomic ancestry estimated from DNA. Paper to be presented at the 62nd Annual Meeting of the American Society of Human Genetics, San Francisco, CA, November 2012.
34. Hill, A.K., Welling, L.L.M., Wheatley, J.R., Cárdenas, R.A., Rotella, M.A., and **Puts, D.A.** Total sexual selection on men's voices. Oral presentation at the 24th Annual Meeting of the Human Behavior and Evolution Society, Albuquerque, NM, June 2012.

35. Wheatley, J.R., Apicella, C.L., Burriss, R.P., Cárdenas, R.A., Bailey, D.H., Welling, L.L.M., and **Puts, D.A.** Female mate quality predicts vocal attractiveness in industrial and foraging populations. Oral presentation at the 24th Annual Meeting of the Human Behavior and Evolution Society, Albuquerque, NM, June 2012.
36. Rieger, G., Stief, M., **Puts, D.A.**, and Savin-Williams, R.C. Two Routes to Bisexuality: Personality and Sexual Arousal. Oral presentation at the 24th Annual Meeting of the Human Behavior and Evolution Society, Albuquerque, NM, June 2012.
37. Welling, L.L.M., Lolla, L., Wheatley, J.R., Cárdenas, R.A., and **Puts, D.A.** Competition and men's face preferences. Poster presented at the 24th Annual Meeting of the Human Behavior and Evolution Society, Albuquerque, NM, June 2012.
38. Deaner, R.O., Geary, D.C., **Puts, D.A.**, Ham, S.A., Kruger, J., Fles, E., Winegard, B., and Grandis, T. A sex difference in the predisposition for physical competition: Males play sports much more than females even in the contemporary U.S. Presented at the Title IX at 40 Conference, Ann Arbor, MI, May 2012.
39. Deaner, R.O., Geary, D.C., **Puts, D.A.**, Ham, S.A., Kruger, J., Fles, E., Winegard, B., and Grandis, T. A sex difference in the predisposition for physical competition: Males play sports much more than females even in the contemporary U.S. Oral presentation at the Annual Convention of the Association for Psychological Science, Chicago, IL, May 2012.
40. Kempe, V., **Puts, D.A.**, and Cárdenas, R.A. More masculine men don't articulate as clearly. Poster presented at the Annual Meeting of the European Human Behaviour and Evolution Association, Durham, UK, March 2012.
41. Cárdenas, R.A., **Puts, D.A.**, Harris, L.J. The role of prenatal and circulating testosterone in the perceptual asymmetry of emotion. Emotion Pre-Conference to the Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA, January 2012.
42. Welling, L.L.M., **Puts, D.A.**, Roberts, S.C., Little, A.C., and Burriss, R.P. Hormonal contraceptive use and mate retention behavior in women and their male partners. Poster presented at the 23rd Annual Meeting of the Human Behavior and Evolution Society, Montpellier, France, July 2011.
43. **Puts, D.A.**, Apicella, C.L., and Cárdenas, R.A. Masculine voices signal men's threat potential in forager and industrial societies. Oral presentation at the 23rd Annual Meeting of the Human Behavior and Evolution Society, Montpellier, France, July 2011.
44. Hill, A.K. and **Puts, D.A.** What does a man's voice advertize? Poster presented at the 5th Annual Meeting of the NorthEastern Evolutionary Psychology Society, Binghamton, NY, April 2011.
45. **Puts, D.A.** and Barndt, J.L. Intersexual selection and human voices. Paper presented at the Annual Meeting of the International Academy of Sex Research, Prague, Czech Republic, July 2010.
46. **Puts, D.A.**, Barndt, J.L., Welling, L.L.M., Dawood, K., and Burriss, R.P. Sexual selection and women's voices. Poster presented at the 22nd Annual Meeting of the Human Behavior and Evolution Society, Eugene, OR, June 2010.
47. Hodges-Simeon, C.R., Gaulin, S.J.C., and **Puts, D.A.** The effect of fundamental frequency variation in men's voice on judgments of physical dominance and prestige. Poster presented at the 22nd Annual Meeting of the Human Behavior and Evolution Society, Eugene, OR, June 2010.
48. Welling, L.L.M., Burriss, R.P., and **Puts, D.A.** Preferences for self-resemblance in child face and mate retention tactics. Poster presented at the 22nd Annual Meeting of the Human Behavior and Evolution Society, Eugene, OR, June 2010.
49. Liberton, D.K., Matthes, K.A., McEvoy, B., Pereira, R., Frudakis, T., **Puts, D.A.**, and Shriver, M.D. Patterns of correlation between genetic ancestry and facial features suggest selection on females is driving differentiation. Poster presented at the 59th Annual Meeting of the American Society for Human Genetics, Honolulu, HI, October 2009.
50. **Puts, D.A.**, Grimbos, T., Dawood, K., and Zucker, K.J. Sexual orientation and 2D:4D in women and men: a meta-analysis. Poster presented at the annual meeting of the Society for Behavioral Neuroendocrinology, East Lansing, MI, June 2009.
51. Schreck, A.R., Hodges, C.R., Gaulin, S.J.C., and **Puts, D.A.** High pitched female voices sound more trustworthy to women. Poster presented at the 21st Annual Meeting of the Human Behavior and

- Evolution Society, Fullerton, CA, May 2009.
52. **Puts, D.A.** Beauty and the beast: mechanisms of sexual selection in humans. Oral presentation at the 21st Annual Meeting of the Human Behavior and Evolution Society, Fullerton, CA, May 2009.
 53. Shriver, M.D., Liberton, D., Matthes, K., Boster, J., and **Puts, D.A.** Genetics, selection, perception and the human face. Oral presentation at the 78th annual meeting of the American Association of Physical Anthropologists, Chicago, IL, April 2009.
 54. Liberton, D.K., Pereira, R.W., Frudakis, T., **Puts, D.A.**, Shriver, M.D. Fluctuating asymmetry in the face is negatively correlated with genetic ancestry. Poster presented at the 78th annual meeting of the American Association of Physical Anthropologists, Chicago, IL, April 2009.
 55. Hodges, C.R., **Puts, D.A.**, and Gaulin, S.J.C. Dominance and attractiveness depend on different parameters in men's voices: relative effects of mean pitch and variance. Poster presented at the 107th Annual Meeting of the American Anthropological Association, San Francisco, CA, November 2008.
 56. Hodges, C.R., **Puts, D.A.**, and Gaulin, S.J.C. Perceptions of dominance and attractiveness in male voices suggest functional specificity in signal attention. Oral presentation at the 2nd annual Evolution, Ecology, Mind, and Behavior conference in San Luis Obispo, CA, March 2008.
 57. Hodges, C.R., **Puts, D.A.**, and Gaulin, S.J.C. Dominance and attractiveness depend on different parameters in men's voices: relative effects of pitch mean and variance. Poster presented at the Evolution and the Sociality of Mind conference, Santa Barbara, CA, February 2008.
 58. **Puts, D.A.**, Blanchard, R., Cárdenas, R.A., Cantor, J.M., Jordan, C.L., and Breedlove, S.M. Earlier puberty predicts superior performance on male-biased visuospatial tasks in men but not women. Poster presented at the 33rd Annual Meeting of the International Academy of Sex Research, Vancouver, British Columbia, Canada, August 2007.
 59. Hodges, C.R., **Puts, D.A.**, and Gaulin, S.J.C. Perceptions of dominance and attractiveness in male voices suggest functional specificity in signal attention. Oral presentation at the 19th Annual Meeting of the Human Behavior and Evolution Society, Williamsburg, VA, June 2007.
 60. Cárdenas, R.A., Almerigi, J.B., **Puts, D.A.**, and Harris, L.J. Is the preference for holding infants on the left a female adaptation? Poster presented at the 19th Annual Meeting of the Human Behavior and Evolution Society, Williamsburg, VA, June 2007.
 61. **Puts, D.A.**, Gaulin, S.J.C., Verdolini, K., and Hodges, C.R. Is low voice pitch a male dominance display? Oral presentation at the 18th annual meeting of the Human Behavior and Evolution Society, Philadelphia, PA, June 2006.
 62. **Puts, D.A.**, Morris, J.A., Shaw, A.S., Jordan, C.L., and Breedlove, S.M. Sex differences in cerebellar weight in mice and rats – not androgen receptor-mediated in rats. Poster presented at the 18th annual meeting of the Human Behavior and Evolution Society, Philadelphia, PA, June 2006.
 63. **Puts, D.A.**, McDaniel, M.A., Jordan, C.L., and Breedlove, S.M. Possible organizational effects of early androgens on human spatial ability: Meta-analyses of CAH and digit ratio studies. Oral presentation at the 6th annual meeting of the International Society for Intelligence Research, Albuquerque, NM, December 2005.
 64. **Puts, D.A.**, Shaw, A.S., Svec, L.A., Wong, Y.-L., Jordan, C.L., Breedlove, S.M. Sex differences in the effects of older siblings on behavior in laboratory mice. Poster presented at the 35th annual meeting of the Society for Neuroscience, Washington, D.C., November 2005.
 65. Brown, W.M., Gobrogge, K.L., **Puts, D.A.**, and Breedlove, S.M. Mouse model system for the effects of older brothers on behavior. Oral presentation at the International Behavioral Development Symposium, Minot, ND, August 2005.
 66. **Puts, D.A.**, McDaniel, M.A., Jordan, C.L., and Breedlove, S.M. Spatial ability and its relation to prenatal androgens: meta-analyses of CAH and 2D:4D studies. Poster presented at the International Behavioral Development Symposium, Minot, ND, August 2005.
 67. **Puts, D.A.**, McDaniel, M.A., Jordan, C.L., and Breedlove, S.M. Prenatal androgens and spatial ability in humans: Meta-analyses of CAH and 2D:4D studies. Poster presented at the annual meeting of the Society for Behavioral Neuroendocrinology, Austin, TX, June 2005.
 68. **Puts, D.A.**, Gaulin, S.J.C., and Huttinger, A.D. Mating context affects women's preferences for male

voice pitch during the fertile menstrual phase. Poster presented at the 17th annual meeting of the Human Behavior and Evolution Society, Austin, TX, June 2005.

69. **Puts, D.A.** Women's preferences for men's voices vary cyclically with conception risk and predicted hormone levels. Oral presentation at the 16th annual meeting of the Human Behavior and Evolution Society, Berlin, Germany, July 2004.

[New Investigator Award, Evolution and Human Behavior Society]

70. **Puts, D.A.**, Nisenbaum, L.K., George, C.A., Foltz, L.A., Gelbert, L.M., Lewis, D.A., and Mirnics, K. The effects of olanzapine on gene expression in the prefrontal cortex of *Macaca fascicularis* monkeys. Poster presented at the 33rd annual meeting of the Society for Neuroscience, New Orleans, LA, November 2003.
71. **Puts, D.A.** Sexual selection and men's voices. Poster presented at the 15th annual meeting of the Human Behavior and Evolution Society, Lincoln, NE, June 2003.
72. Weinberg, S.M., **Puts, D.A.**, Mooney, M.P., and Siegel, M.I. Nonmetric population variation in perinatal human skulls. Poster presented at the 71st annual meeting of the American Association of Physical Anthropologists, Buffalo, NY, April 2002.
73. **Puts, D.A.**, Mooney, M.P., Smith, T.D., Burrows, A.M., Cooper, G.M., Dechant, J., Losken, H.W., and Siegel, M.I. Growth of the cranial base in craniostomotic rabbits following coronal suturectomy. Poster presented at the 69th Annual Meeting of the American Association of Physical Anthropologists, San Antonio, TX, April 2000.
74. Mooney, M.P., **Puts, D.A.**, Smith, T.D., Burrows, A.M., Cooper, G.M., Dechant, J., Losken, H.W., and Siegel, M.I. Cranial base changes following coronal suturectomy in craniostomotic rabbits. Poster presented at the 78th annual meeting of the International Association for Dental Research, Washington, DC, April 2000.
75. Mooney, M.P., **Puts, D.A.**, Smith, T.D., Burrows, A.M., Cooper, G.M., Dechant, J., Losken, H.W., and Siegel, M.I. Cranial base growth in craniostomotic rabbits following coronal suturectomy. Poster presented at the annual meeting of the American Cleft Palate-Craniofacial Association, Scottsdale, AZ, April 2000.

ACADEMIC SERVICE

EDITORIAL SERVICE

2020	Direct Submission Editor, <i>Proceedings of the National Academy of Sciences of the United States of America</i>
2020-present	Associate Editor, <i>Archives of Sexual Behavior</i>
2019-present	Editor, <i>Evolution and Human Behavior</i>
2017-present	Associate Editor, <i>Adaptive Human Behavior and Physiology</i>
2015-present	Editorial Board, <i>Hormones and Behavior</i>
2014-present	Co-Editor, <i>Evolutionary Psychology</i>
2014-present	Editorial Board, <i>Evolutionary Psychological Science</i>
2014-2017	Editorial Board, <i>Adaptive Human Behavior and Physiology</i>
2013-2019	Consulting Editor, <i>Evolution and Human Behavior</i>
2013-2014	Associate Editor, <i>Evolutionary Psychology</i>
2009-2019	Editorial Board, <i>Archives of Sexual Behavior</i>
2006-2009	Consulting Editor, <i>Archives of Sexual Behavior</i>

GRANT PROPOSAL REFEREE

1. Czech Science Foundation, *ad hoc* reviewer
2. Economic and Social Research Council, UK, *ad hoc* reviewer
3. The Harry Frank Guggenheim Foundation, USA, *ad hoc* reviewer
4. The Leakey Foundation, USA, *ad hoc* reviewer
5. Leverhulme Trust, UK, *ad hoc* reviewer
6. MacQuarie University, Australia, University Research Fellowships, Independent Reviewer

7. National Science Centre, Poland, *ad hoc* reviewer
8. National Science Foundation, USA, *ad hoc* reviewer
9. National Science Foundation, USA, Graduate Research Fellowship Program panelist
10. Natural Sciences and Engineering Research Council of Canada, *ad hoc* reviewer
11. Pennsylvania State University, Center for Human Evolution and Diversity, *ad hoc* reviewer
12. Pennsylvania State University, Commonwealth Campus Research Deans Grant Writing Workshop, *ad hoc* concept paper reviewer
13. Pennsylvania State University, Clinical and Translational Science Institute, TL1 Translational Research Training Program, *ad hoc* reviewer
14. Swiss National Science Foundation, *ad hoc* reviewer
15. Université Catholique de Louvain and the European Commission (Marie Curie actions), Belgium, *ad hoc* reviewer
16. University of Chicago, Big Ideas Generator Vision Proposal, *ad hoc* reviewer

JOURNAL REFEREE (500+ MANUSCRIPTS)

- | | |
|---|---|
| 1. <i>Acta Psychologica</i> | 38. <i>Ethnology</i> |
| 2. <i>Adaptive Human Behavior and Physiology</i> | 39. <i>Ethology</i> |
| 3. <i>Aggressive Behavior</i> | 40. <i>European Journal of Personality</i> |
| 4. <i>American Journal of Physical Anthropology</i> | 41. <i>Evolution</i> |
| 5. <i>American Journal of Human Biology</i> | 42. <i>Evolution and Human Behavior</i> |
| 6. <i>American Journal of Play</i> | 43. <i>Evolutionary Behavioral Sciences</i> |
| 7. <i>The American Journal of Political Science</i> | 44. <i>Evolutionary Human Sciences</i> |
| 8. <i>The Anatomical Record</i> | 45. <i>Evolutionary Psychological Science</i> |
| 9. <i>Animal Behaviour</i> | 46. <i>Evolutionary Psychology</i> |
| 10. <i>Annals of Human Biology</i> | 47. <i>EvoS Journal</i> |
| 11. <i>Archives of Gynecology and Obstetrics</i> | 48. <i>Frontiers in Neuroendocrinology</i> |
| 12. <i>Archives of Sexual Behavior</i> | 49. <i>HOMO – Journal of Comparative Human Biology</i> |
| 13. <i>Behavior Research Methods</i> | 50. <i>Hormones and Behavior</i> |
| 14. <i>Behavioral Ecology</i> | 51. <i>Human Biology</i> |
| 15. <i>Behavioral Ecology and Sociobiology</i> | 52. <i>Human Brain Mapping</i> |
| 16. <i>Behavioural Brain Research</i> | 53. <i>Human Ethology Bulletin</i> |
| 17. <i>Behavioural Processes</i> | 54. <i>Human Nature: An Interdisciplinary Biosocial Perspective</i> |
| 18. <i>BioEssays</i> | 55. <i>Integrative Organismal Biology</i> |
| 19. <i>Biology Letters</i> | 56. <i>Intelligence</i> |
| 20. <i>Biology of Sex Differences</i> | 57. <i>International Journal of Impotence Research</i> |
| 21. <i>Biological Psychiatry</i> | 58. <i>International Journal of Psychology</i> |
| 22. <i>Biological Psychology</i> | 59. <i>Journal of the Acoustical Society of America</i> |
| 23. <i>Biological Reviews</i> | 60. <i>Journal of Anatomy</i> |
| 24. <i>Brain and Cognition</i> | 61. <i>Journal of Comparative Psychology</i> |
| 25. <i>BMC Psychology</i> | 62. <i>Journal of Cross-Cultural Psychology</i> |
| 26. <i>Body Image</i> | 63. <i>Journal of Evolutionary Psychology</i> |
| 27. <i>British Journal of Psychology</i> | 64. <i>Journal of Experimental Psychology: General</i> |
| 28. <i>British Journal of Social Psychology</i> | 65. <i>Journal of Experimental Psychology: Human Perception and Performance</i> |
| 29. <i>Canadian Journal of Behavioural Science</i> | 66. <i>Journal of Experimental Social Psychology</i> |
| 30. <i>Cognition</i> | 67. <i>Journal of Homosexuality</i> |
| 31. <i>Collegium Antropologicum</i> | 68. <i>Journal of Individual Differences</i> |
| 32. <i>Cross-Cultural Research: Journal of Comparative Social Science</i> | 69. <i>Journal of Negative Results – BioMedicine</i> |
| 33. <i>Current Biology</i> | 70. <i>Journal of Negative Results – Ecology and</i> |
| 34. <i>Current Zoology</i> | |
| 35. <i>Developmental Psychobiology</i> | |
| 36. <i>Early Human Development</i> | |
| 37. <i>eLife</i> | |

Evolutionary Biology

71. *Journal of Neuroscience Research*
72. *Journal of Nonverbal Behavior*
73. *Journal of Personality and Social Psychology*
74. *Journal of Physiology*
75. *Journal for the Scientific Study of Religion*
76. *Journal of Sex Research*
77. *Journal of Sex and Marital Therapy*
78. *The Journal of Sexual Medicine*
79. *Journal of Social, Evolutionary, and Cultural Psychology*
80. *Journal of Theoretical Biology*
81. *Kadmos*
82. *Laterality: Asymmetries of Body, Brain and Cognition*
83. *Learning and Individual Differences*
84. *Michigan Academician*
85. *Nature Communications*
86. *Neuropsychology*
87. *PeerJ*
88. *Perception*
89. *Personality and Individual Differences*
90. *Personality and Social Psychology Bulletin*
91. *Philosophical Transactions of the Royal Society B: Biological Sciences*
92. *Physiology and Behavior*
93. *PLoS ONE*
94. *Political Behavior*
95. *Proceedings of the National Academy of Sciences of the United States of America*
96. *Proceedings of the Royal Society B: Biological Sciences*
97. *Psichothema*
98. *Psychological Science*
99. *Psychoneuroendocrinology*
100. *Quarterly Journal of Experimental Psychology*
101. *Review of General Psychology*
102. *Royal Society Open Science*
103. *Scientific Reports*
104. *Sexual and Relationship Therapy*
105. *Sexuality and Culture*
106. *Social Cognitive and Affective Neuroscience*
107. *Theory in Biosciences*
108. *Trends in Cognitive Sciences*
109. *Visual Cognition*

BOOK PROPOSAL OR CHAPTER REFEREE

1. Oxford University Press
2. Cambridge University Press
3. Princeton University Press
4. Sinauer Associates
5. Springer Nature, Life Sciences
6. Taylor and Francis Group
7. University of Chicago Press

POSTDOCTORAL MENTOR

1. Alexander Hill, Department of Anthropology, Pennsylvania State University, August 2014-November 2014 (currently Associate Teaching Professor, Department of Anthropology, University of Washington, Seattle, WA).
2. Isaac Gonzalez-Santoyo, Department of Anthropology, Pennsylvania State University, October 2013- August 2014 (currently Professor, Faculty of Psychology, National Autonomous University of Mexico, Mexico City).
3. Lisa Welling, Department of Anthropology, Pennsylvania State University, October 2009-July 2012 (currently Associate Professor, Department of Psychology, Oakland University, Rochester, MI).
4. Robert Burriss, Department of Anthropology, Pennsylvania State University, January 2008-September 2010 (currently Lecturer [equivalent of Assistant Professor], Department of Psychology, Northumbria University, Newcastle upon Tyne, UK).

GRADUATE ADVISER

1. Soheil Behravesh, Doctoral, Department of Anthropology, Pennsylvania State University, August 2023-present.
2. Sojung Baek, Doctoral, Department of Anthropology, Pennsylvania State University, August 2020-present.
3. Toe Aung, Doctoral, Department of Anthropology, Pennsylvania State University, *Sexual selection on human voice pitch: Experimental, naturalistic, and cross-cultural investigations*, August 2017-December 2022. (currently Assistant Professor of Psychology, Immaculata University, East

Whiteland Township, PA)

4. Kevin Rosenfield, Doctoral, Department of Anthropology, Pennsylvania State University, *Gonadal steroids and the evolution of human sexuality*, August 2016-July 2022. (currently Quantitative User Experience Researcher, Indeed, Stamford, CT)
5. Talia Shirazi, Doctoral (National Science Foundation Graduate Research Fellow), Department of Anthropology, Pennsylvania State University, *Endocrine organization of sex differences in psychology and behavior: Evidence from isolated GnRH deficiency*, August 2016-June 2021. (currently Research Scientist, Clinical Products at Modern Fertility, San Francisco, CA)
6. John Wheatley, Master's (National Science Foundation Graduate Research Fellow), Department of Anthropology, Pennsylvania State University, *Women's faces and voices are fertility cues in industrial and forager societies*, August 2010-May 2015.
7. Lauramarie Pope, Master's, Department of Anthropology, Pennsylvania State University, *Relationship satisfaction and disagreement on relationship characteristics*, August 2012-May 2015.
8. Leslie Doll, Master's (National Science Foundation Graduate Research Fellow), Department of Anthropology, Pennsylvania State University, *How well do men's faces and voices index mate quality and dominance?* August 2012-May 2014.
9. Alexander Hill, Doctoral, Department of Anthropology, Pennsylvania State University, *Sexual selection and vocalization in humans and nonhuman anthropoid primates*, August 2008-May 2014. (currently Associate Teaching Professor, University of Washington, Seattle, WA)
10. Jason Bundy, Master's, Department of Anthropology, Pennsylvania State University, *Total sexual selection on men's voices*, January 2012-December 2013.
11. Julia Barndt, Master's, Department of Anthropology, Pennsylvania State University, *Effects of acoustical manipulations on perceptions of female vocal attractiveness and threat potential*, April 2008-April 2010.
12. Sarah Wolff, Master's, Department of Anthropology, Pennsylvania State University, *Vocal masculinity affects perceptions of dominance among men independently of observer's own dominance*, August 2008-December 2009.

UNDERGRADUATE HONORS THESIS ADVISER

1. Madison Allen, Department of Anthropology, Pennsylvania State University, *Sexual selection influences on anatomy in human females*. March 2023-present.
2. Amber Penley, Department of Anthropology, Pennsylvania State University, *Mechanisms of sexual selection in human females*. March 2023-present.
3. Steven Makkar, Department of Anthropology, Pennsylvania State University, *Relationships between sociosexuality and salivary steroids in men*. August 2016-May 2018.
4. Collin Garr, Department of Anthropology, Pennsylvania State University, *The influence of vocal fundamental frequency on mating-relevant attributes across human societies*. April 2016-May 2017.
5. Olivia Raub, Department of History, Pennsylvania State University, *An analysis of the concept of sexuality in German history in the 19th and 20th Centuries*. June 2016-May 2017.
6. Lea Gorodesky, Department of Anthropology, Pennsylvania State University, *Effects of ovarian hormones on facial appearance across the ovulatory cycle*. August 2013-November 2014.
7. Leela McKinnon, Department of Anthropology, Pennsylvania State University, *The dimensionality of the mating environment predicts male combat and sexual coercion in turtles*. April 2012-November 2013.
8. Jason Bundy, Department of Anthropology, Pennsylvania State University, *Total sexual selection and men's voices*. September 2011-November 2013.
9. Luke Lolla, Department of Anthropology, Pennsylvania State University, *Are men's reproductive strategies affected by success in male contest competition?* August 2011-May 2012.
10. Ashley Matz, Department of Psychology, Pennsylvania State University, *Functional analysis of the human female orgasm*, December 2010-May 2012.
11. Michelle Rotella, Department of Anthropology, Pennsylvania State University, *Predictors of mating success among male college students*, May 2010-May 2011.

NASA PENNSYLVANIA SPACE GRANT CONSORTIUM UNDERGRADUATE RESEARCH INTERNSHIP PROGRAM MENTOR

Rasha Elwakil, January-December 2023.

SOCIETY, CONFERENCE, AND SYMPOSIUM SERVICE

1. Rising Star Award Committee member, Human Behavior and Evolution Society, March-June 2023.
2. Chair, Early Career Award Committee, Human Behavior and Evolution Society, March-July 2022.
3. Supervisor, Evolps, Iranian evolutionary psychology society, March 2021-present.
4. Chair, Postdoctoral Award Committee, Human Behavior and Evolution Society, 31st Annual Meeting of the Human Behavior and Evolution Society, Boston, MA, May 29-June 1, 2019.
5. Elected Executive Council Member-at-Large, Human Behavior and Evolution Society, June 3, 2017-present.
6. Panelist and speaker, "Tips for writing and publishing papers," Student Mentor Lunch, 29th Annual Meeting of the Human Behavior and Evolution Society, Boise, ID, June 1, 2017.
7. Discussant for symposium "Non-Verbal Vocal Communication: A Dynamic Perspective," International Convention of Psychological Science, Amsterdam, The Netherlands, March 12-14, 2015.
8. Scientific Review Committee for 14th International Conference of the International Speech Communication Association (Interspeech2013), Lyon, France, August 25-29, 2013.
9. Program Committee, 2013 Summer Institute for the International Society for Human Ethology, Ann Arbor, MI, August 2013.
10. Poster Committee, 24th Annual Meeting of the Human Behavior and Evolution Society, Albuquerque, NM, June 2012.
11. Co-organizer/-Host with Khytam Dawood, Symposium on the Biological Basis of Sexual Orientation, Interdisciplinary Group program, Institute for the Arts and Humanities, Sexuality and Gender: Controversies in Contemporary Life and Scholarship, The Pennsylvania State University, December 2, 2011.
12. Chair, Human mating and the MHC: preferences, proceptivity and the pill, Summer Institute of the International Society for Human Ethology, Prague, Czech Republic, July 8, 2011.
13. Co-Organizer/-Chair with Sari van Anders, Symposium on Evolution and Human Attraction, Annual meeting of the International Academy of Sex Research, Prague, Czech Republic, July 25-28, 2010.
14. Presider, Biosocial Research Contributions to Understanding Family Processes and Problems, 17th Annual Symposium on Family Issues, The Pennsylvania State University, October 2009.
15. Poster Committee, 33rd Annual Meeting of the International Academy of Sex Research, Vancouver, British Columbia, Canada, August 2007.

DEPARTMENTAL AND UNIVERSITY SERVICE

1. Pennsylvania State University Department of Anthropology Director of Graduate Studies, May 2023-present.
2. Pennsylvania State University Center for Human Evolution and Diversity, Co-Director, October 2022-present.
3. Pennsylvania State University Department of Anthropology Website and Awards Committee, Chair, August 2020-August 2022.
4. Pennsylvania State University Department of Anthropology Website Committee, Member, August 2010- August 2011; Chair, August 2015-August 2020.
5. Pennsylvania State University Department of Anthropology Graduate Studies Committee, Member, August 2011-August 2014; August 2018-present.
6. Pennsylvania State University Department of Anthropology Undergraduate Affairs Committee, Member, August 2010-August 2011, January 2015-August 2018.
7. Pennsylvania State University Department of Psychology, Judge for Psi Chi Undergraduate Research Conference, April 11, 2016; April 22, 2019.
8. Pennsylvania State University Sexuality Studies Minor Advisory Committee, Member, September

2008-present.

9. Matson Museum Committee, Member: August 2010-August 2011.
10. Pennsylvania State University Department of Anthropology Colloquium and Seminar Committee, Member, August 2008-August 2009; Chair, August 2011-December 2013.
11. Pennsylvania State University Department of Anthropology Faculty Search Committees, Member, August 2008-present.

DOCTORAL OR MASTERS COMMITTEE MEMBER

1. Nafi Mohammad Ali, Doctoral, Department of Anthropology, Pennsylvania State University, *The effects of environmental risk and market integration on Parental investment in Chakaria, Bangladesh*, April 2023-present.
2. Sojung Baek, Doctoral (chair), Department of Anthropology, Pennsylvania State University, January 2022-present.
3. Toe Aung, Doctoral (chair), Department of Anthropology, Pennsylvania State University, *Sexual selection on human voice pitch: Experimental, naturalistic, and cross-cultural investigations*, August 2017-December 2022.
4. Kevin Rosenfield, Doctoral (chair), Department of Anthropology, Pennsylvania State University, *Gonadal steroids and the evolution of human sexuality*, August 2016-July 2022.
5. Talia Shirazi, Doctoral (chair), Department of Anthropology, Pennsylvania State University, *Endocrine organization of sex differences in psychology and behavior: Evidence from isolated GnRH deficiency*, April 2018-June 2021.
6. Tomás González, Doctoral, Department of Anthropology, Pennsylvania State University, *An investigation of the evolution and genetics of face shape sex differences, and the ethical issues of sex/gender-inclusionary policies*, April 2017-May 2020.
7. Carlos Garrido, Doctoral, Department of Psychology, Pennsylvania State University, *Reasoning motivated by prejudice as a determinant of top-down influences on the face-processing system: An unexplored channel leading to outgroup bias*, March 2013-September 2015.
8. Baulio Assis, Doctoral, Department of Biology, Pennsylvania State University, *Visual signals, sexual dimorphism, and conflict – perspectives from eastern fence lizards*, March 2017-April 2020.
9. Natalie Motta-Mena, Doctoral, Department of Psychology, Pennsylvania State University, *The own-sex bias in face recognition behavior: The influence of attractive women and dominant men*, March 2015-February 2018.
10. John Wheatley, Masters (National Science Foundation Graduate Research Fellow) (chair), Department of Anthropology, Pennsylvania State University, *Women's faces and voices are fertility cues in industrial and forager societies*, March 2014-May 2015.
11. Anthony Nelson, Doctoral, Department of Psychology, Pennsylvania State University, *Attentional Biases to Expressive Faces and the Role of Gender-Emotion Stereotypes*, March 2011-June 2015.
12. Lauramarie Pope, Master's, Department of Anthropology, Pennsylvania State University, *Relationship satisfaction and disagreement on relationship characteristics*, August 2012-May 2015.
13. Leslie Doll, Master's (National Science Foundation Graduate Research Fellow), Department of Anthropology, Pennsylvania State University, *How well do men's faces and voices index mate quality and dominance?* August 2012-May 2014.
14. Alexander Hill, Doctoral (chair), Department of Anthropology, Pennsylvania State University, *Sexual selection and vocalization in humans and nonhuman anthropoid primates*, April 2012-November 2013.
15. Jason Bundy (McNair Scholar and Paterno Fellow), Masters, Department of Anthropology, Pennsylvania State University, *Total sexual selection on men's voices*, January 2012-November 2013.
16. Megan Rogers, Masters, Intercollege Genetics Graduate Program, Pennsylvania State University, *Using genomic ancestry and demographic variables to study perception in human faces*, February 2010-April 2012.
17. Denise Liberton, Doctoral, Department of Anthropology, Pennsylvania State University, *Genetics of*

human facial variation, March 2009-March 2012.

18. Ellen Quillen, Doctoral, Department of Anthropology, Pennsylvania State University, *Investigating genes related to the evolution of indigenous American skin pigmentation*, March 2009-August 2010.

DOCTORAL OR MASTERS THESIS EXTERNAL REVIEWER

1. Brian Bird, Doctoral, Department of Psychology, Simon Fraser University, British Columbia, Canada, *The effects of exogenous testosterone on economic decision making and executive functioning*, May 2022-September 2022.
2. Thomas Richardson, Doctoral, Department of Earth and Environmental Sciences, University of Manchester, Manchester, UK, *Adaptations for contest competition in human males*, April 2021-June 2021.
3. James Sherlock, Doctoral, School of Psychology, The University of Queensland, Australia, *Testing Evolutionary Hypotheses Regarding Individual Differences in Human Mating Strategies*, October 2017.
4. Brian Bird, Masters, Department of Psychology, Laurentian University, Sudbury, Ontario, Canada, *The effects of exogenous testosterone and mating context on men's preferences for female facial femininity*, June 2016.
5. Natalie Centner, Doctoral, School of Psychology, Deakin University, Victoria Australia, *Self-perceived sexual attractiveness: Differences and contributing factors across gender and sexual orientation*, December 2014.

EXTERNAL REVIEWER FOR TENURE AND/OR PROMOTION

2020 (1), 2023 (2)

MEDIA

PRINT AND ONLINE

1. The Jerusalem Post, "Why males have lower-pitched voices – study," by Judy Siegel-Itzkovich, 18 July 2023.
<https://www.jpost.com/science/article-750506>
2. Penn State News, "Size does matter: Group size and mating preferences drive deeper male voices," by Francisco Tutella, 10 July 2023.
https://www.psu.edu/news/research/story/size-does-matter-group-size-and-mating-preferences-drive-deeper-male-voices/?fbclid=IwAR3Xe_46nOzYT8CKfOP6VKvoFBIplpsuFr09taTa20o78TgLJXw1A4N71Tw
<https://phys.org/news/2023-07-size-group-deeper-male-voices.html>
<https://www.sciencedaily.com/releases/2023/07/230711133246.htm>
<https://www.crumpe.com/2023/07/la-taille-compte-la-taille-du-groupe-et-les-preferences-daccouplement-entrainent-des-voix-masculines-plus-profondes/>
3. PsyPost, "Men's speech articulation influences perceptions of their status and attractiveness, study finds," by Eric W. Dolan, 18 April 2023.
<https://www.psypost.org/2023/04/mens-speech-articulation-influences-perceptions-of-their-status-and-attractiveness-study-finds-74402>
4. Wyborcza (Poland), "What is a female orgasm? Two men of different ages contemplate," by Kasper Kalinowski, 1 March 2023.
<https://wyborcza.pl/7,75400,29496304,przez-wieki-orgazm-kobiocy-budzil-podejrzenia-zmienilo-sie.html>
5. PsyPost, "Sexual desire might be affected by a complex interaction between testosterone and cortisol, study finds," by Vladimir Hedrith, 10 January 2023.
<https://www.psypost.org/2023/01/sexual-desire-might-be-affected-by-a-complex-interaction-between-testosterone-and-cortisol-study-finds-64692>
6. Zena.hr (Croatia), "5 big differences: How does a woman's body and appearance change during ovulation?" (translation), 16 October 2022.

- <https://zena.rtl.hr/bolja-ja/zdravlje/kako-se-zensko-tijelo-i-izgled-mijenja-tijekom-ovulacije-ef19ba50-463e-11ed-b397-72fbb85cd2c6>
- <https://tiin.vn/chuyen-muc/yeu/5-dau-hieu-cho-thay-phu-nu-dang-o-thoi-diem-rung-trung-va-co-kha-nang-thu-thai-cao.html>
7. Metro Odnosi (Slovenia), “Why does a strikingly deep voice make a man so attractive? Science is still looking for an answer” (translation), 18 July 2022.
<https://www.metropolitan.si/odnosi/psihologija/zakaj-markantno-globok-glas-naredi-moskega-tako-privlacnega-znanost-pozna-odgovor/>
 8. PsyPost, “Study finds early exposure to testosterone predicts gender-role behaviors in boys,” by Eric W. Dolan, 2 June 2022.
<https://www.psypost.org/2022/06/study-finds-early-exposure-to-testosterone-predicts-gender-role-behaviors-in-boys-63250>
 9. Infonet (Vietnam), “Are men with deep voices more sexually attractive to women?” (translation), 18 April 2022.
<https://infonet.vietnamnet.vn/khoe-dep/dan-ong/do-kha-nang-tinh-duc-qua-giong-noi-cua-may-rau-408984.html>
<https://tiin.vn/chuyen-muc/yeu/Dan-ong-giong-tram-se-hap-dan-phai-dep-hon.html>
<https://baomoi.com/dan-ong-giong-tram-se-hap-dan-tinh-duc-phai-dep-hon/c/42342109.epi>
 10. Sapiens, “What’s the appeal of deep voices in men?” by Marta Zaraska, 14 February 2022.
<https://www.sapiens.org/biology/deep-voice-men-attractive/>
<https://www.discovermagazine.com/the-sciences/whats-the-appeal-of-deep-voices-in-men>
 11. Channel 3 (Romania), “Study: How women are attracted to men's constitution” (translation), by Georgiana Adam, 6 December 2021.
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