

## Curriculum Vitae

### RANDY THORNHILL

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**Current Rank:** Distinguished Professor Emeritus, The University of New Mexico

#### Degrees:

- B.S., Zoology, Auburn University, 1968
- M.S., Entomology, Auburn University, 1970
- Ph.D., Zoology, The University of Michigan, 1974

**Ph.D. Dissertation:** Evolutionary Ecology of the Mecoptera (Insecta). 633 pp.

**Research Interests:** Evolutionary and ecological aspects of animal social psychology and behavior; insect behavioral ecology; human behavioral ecology and evolutionary psychology; evolutionary methodology.

#### Research in Progress:

- The evolution of values, beliefs and ideology in relation to infectious disease.
- The evolution of female sexuality.
- Developmental stability.
- Social behavior of adults in a remote Dominican village.
- Evolutionary ecology of insects of the order Mecoptera.

#### Recent Ph.D.s:

- **Paul Andrews**, 2002. Dissertation: The Evolutionary Psychology of Social Chess.
- **Kimberly Cline-Brown**, 2004. Dissertation: Empirical Evaluation of Evolutionary Hypotheses for Depression.
- **Corey L. Fincher**, 2008. Dissertation: Infectious Diseases and the Ecology and Evolution of Social Life.
- **Chris Eppig**, 2011. Dissertation: Parasite Stress and Cognitive Ability Across the World.
- **Kenneth Letendre**, 2012. Dissertation: Variation and Organization in Social Behavior: Infectious Disease and Human Intergroup Conflict and Warfare; and the Organization of Foraging Behavior in Harvester Ants.

**Teaching Interests:** Undergraduate and graduate level courses in behavioral biology, evolutionary biology, social biology, human evolutionary psychology, and scientific methodology.

**Selected Publications:**

- In press R. Thornhill and C.L. Fincher. The Parasite-stress theory of cultural values and sociality. *Cambridge Handbook of Evolutionary Perspectives on Human Behavior*, L. Workman, W. Reader and J. Barkow, Eds. Cambridge, U.K.: Cambridge University Press.
- 2017. E.H. Hagen and R. Thornhill. Testing the psychological pain hypothesis for postnatal depression: Reproductive success vs. evidence of design. *Evolution, Medicine, and Public Health* [2017]: 17–23.
- 2017. C.L. Fincher and R. Thornhill. Pathogen-stress Theory. *Encyclopedia of Personality and Individual Differences*, V. Zeigler-Hill and T.K. Shackelford, Eds. New York, NY: Springer.
- 2017. R. Thornhill. Randy Thornhill. *Encyclopedia of Personality and Individual Differences*, V. Zeigler-Hill and T.K. Shackelford, Eds. New York, NY: Springer.
- 2017. R. Thornhill. Randy Thornhill. *Encyclopedia of Animal Cognition and Behavior*, V. Zeigler-Hill and T.K. Shackelford, Eds. New York, NY: Springer.
- 2015. R. Thornhill. Cryptic female choice: A tale about a boy who loved flies. Forward in *Cryptic Female Choice in Arthropods: Patterns, Mechanisms and Prospects*, A.V. Peretti and A. Aisenberg, eds. New York, NY: Springer.
- 2015. R. Thornhill and C.L. Fincher. The parasite-stress theory of sociality and the behavioral immune system. Pp. 403-429 in *Evolutionary Perspectives in Social Psychology*, L. Welling, V. Zeigler-Hill and T.K. Shackelford, eds. New York, NY: Springer.
- In press S.W. Gangestad, R. Thornhill and C.E. Garver-Apgar. Women’s sexual interests across the ovulatory cycle: Function and phylogeny. In *Handbook of Evolutionary Psychology*, 2<sup>nd</sup> Edition, D.M. Buss, ed. Wiley, New York, NY.
- 2015. R. Thornhill and S. Gangestad. The functional design and phylogeny of women’s sexuality. Pp. 149-184 in *The Evolution of Sexuality*, T.K. Shackelford and R. Hansen, eds. New York, NY: Springer.
- 2014. R. Thornhill and C.L. Fincher. The parasite-stress theory of sociality, the behavioral immune system, and human social and cognitive uniqueness. *Evolutionary Behavioral Sciences* 8:257-264.
- 2014. R. Thornhill and C.L. Fincher. *The Parasite-stress Theory of Values and Sociality: Infectious Disease, History and Human Values Worldwide*. New York, NY: Springer.
- 2014. J. Alcock and R. Thornhill. The evolution of insect mating systems. Pp. 275-278 in *The Evolution of Insect Mating Systems*, D.M. Shuker and L.W. Simmons, eds. New York, NY: Oxford University Press.
- 2014. S.W. Gangestad, C.E. Garver-Apgar, A.J. Cousins and R. Thornhill. Intersexual conflict Across women’s ovulatory cycle. *Evolution and Human Behavior* 35:302-308.
- 2013. R. Thornhill and C.L. Fincher. The comparative method in cross-cultural and cross-species research. *Evolutionary Biology* 40:480-493.

- 2013 N.M. Grebe, S.W. Gangestad, C.E. Garver-Apgar, and R. Thornhill. Women's luteal-phase sexual proceptivity and the functions of extended sexuality. *Psychological Science* 24:2106-2010.
- 2013 R. Thornhill and C.L. Fincher. The parasite-driven-wedge model of parapatric speciation. *Journal of Zoology* 291:23-33.
- 2013. R. Thornhill and C.L. Fincher. Commentary on Hackman, J. And Hruschka, D. (2013). Fast life histories, not pathogens, account for state-level variation in homicide, child maltreatment, and family ties in the U.S. *Evolution and Human Behavior* 34:118-124.
- 2013. R. Thornhill, J.F. Chapman and S.W. Gangestad. Women's preferences for men's scents associated with testosterone and cortisol levels: Patterns across the ovulatory cycle. *Evolution and Human Behavior* 34:216-221.
- 2012. K. Letendre, C.L. Fincher and R. Thornhill. Infectious disease, collectivism, and warfare. Pp. 351-371 in *The Oxford Handbook of Evolutionary Perspectives on Violence, Homicide, and Warfare*, T. Shackelford and V. Weekes-Shackelford, eds. Oxford University Press, New York, NY.
- 2012. C.L. Fincher and R. Thornhill. The parasite-stress theory may be a general theory of culture and sociality (authors' response to commentators). *Behavioral and Brain Science* 35:99-119.
- 2012. C.L. Fincher and R. Thornhill. Parasite-stress promotes in-group assortative sociality: The cases of strong family ties and heightened religiosity. *Behavioral and Brain Science* 35:61-79.
- 2011. C. Eppig, C.L. Fincher and R. Thornhill. Parasite prevalence and the distribution of intelligence among the states of the U.S.A. *Intelligence* 39:155-160.
- 2011. R. Thornhill and C.L. Fincher. Parasite stress promotes homicide and child maltreatment. *Philosophical Transactions of the Royal Society of London B* 366:3466-3477.
- 2010. A.D. Hoben, A.P. Buunk, C.L. Fincher, R. Thornhill and M. Schaller. On the adaptive origins and maladaptive consequences of human inbreeding: Parasite prevalence, immune functioning, and consanguineous marriage. *Evolutionary Psychology*.
- 2010. S.W. Gangestad, R. Thornhill and C.E. Garver-Apgar. Fertility in the cycle predicts women's interest in sexual opportunism. *Evolution and Human Behavior* 31:400-411.
- 2010. S.W. Gangestad, R. Thornhill and C.E. Garver-Apgar. Men's facial masculinity predicts changes in their female partners' sexual interests across the ovulatory cycle, whereas men's intelligence does not. *Evolution and Human Behavior* 31:412-424.
- 2010. C. Eppig, C.L. Fincher and R. Thornhill. Parasite prevalence and the worldwide distribution of cognitive ability. *Proceedings of the Royal Society B* doi: 10.1098/rspb.2010.0973
- 2010. K. Letendre, C.L. Fincher and R. Thornhill. Does infectious disease cause global variation in the frequency of intrastate armed conflict and civil war? *Biological Reviews* 85:669-683.
- 2010. R. Thornhill, C.L. Fincher, D.R. Murray and M. Schaller. Zoonotic and non-zoonotic diseases in relation to human personality and societal values: Support for the parasite-stress model. *Evolutionary Psychology* 8(2):151-169.

- 2009. A.P. Møller, C.L. Fincher and R. Thornhill. Why men have shorter lives than women: Effect of resource availability, infectious diseases, and senescence. *American Journal of Human Biology* 21:257-364.
- 2009. R. Thornhill, C.L. Fincher and D. Aran. Parasites, democratization, and the liberalization of values across contemporary countries. *Biological Reviews* 84:113-131.
- 2008. R. Thornhill and S.W. Gangestad. *The Evolutionary Biology of Human Female Sexuality*. Oxford University Press, New York, NY.
- 2008. P.W. Andrews, S.W. Gangestad, M.G. Haselton, G.F. Miller, R. Thornhill and M.C. Neale. Sex differences in detecting sexual infidelity: Results of a maximum likelihood method for analyzing the sensitivity of sex differences to under-reporting. *Human Nature* 19:347-373.
- 2008. C.L. Fincher and R. Thornhill. Assortive sociality, limited dispersal, infectious disease, and the genesis of global pattern of religious diversity. *Proceedings of the Royal Society of London B* 275:2587-2594.
- 2008 C.L. Fincher and R. Thornhill. A parasite-driven wedge: Infectious diseases may explain language and other biodiversity. *Oikos* 117:1289-1297.
- 2008. C.E. Garver-Apgar, S.W. Gangestad and R. Thornhill. Hormonal correlates of women's mid-cycle preference for the scent of symmetry. *Evolution and Human Behavior* 29:223-232.
- 2008. C.L. Fincher, R. Thornhill, D.R. Murray and M. Schaller. Pathogen prevalence Predicts Human Cross-cultural Variability in Individualism/Collectivism. *Proceedings of the Royal Society of London B* 275:1279-1285.
- 2008. S.W. Gangestad and R. Thornhill. Human oestrus. *Proceedings of the Royal Society of London B* 275:991-1000.
- 2007. R. Thornhill and C.L. Fincher. What is the relevance of attachment and life history to political values? *Evolution and Human Behavior* 28:215-222.
- 2007. R. Thornhill. The importance of developmental biology to evolutionary biology and vice versa. Pp. 203-209 in *The Evolution of Mind: Fundamental Questions and Controversies*, S.W. Gangestad and J.A. Simpson, eds. Guilford Publications, Inc., New York, NY.
- 2007. R. Thornhill. The evolution of woman's estrus, extended sexuality and concealed ovulation and their implications for human sexuality research. Pp. 391-396 in *The Evolution of Mind: Fundamental Questions and Controversies*, S.W. Gangestad and J. A. Simpson, eds. Guilford Publications, Inc., New York, NY.
- 2007. R. Thornhill. Comprehensive knowledge of human evolutionary history requires both adaptationism and phylogenetics. Pp. 31-37 in *The Evolution of Mind: Fundamental Questions and Controversies*, S.W. Gangestad and J.A. Simpson, eds. Guilford Publications, Inc., New York, NY.
- 2007. S.W. Gangestad and R. Thornhill. The evolution of social inference processes: The importance of signaling theory. Pp. 33-48 in *Evolution and the Social Mind*, J.P. Forgas, M.G. Haselton and W. von Hippell, eds. Psychology Press, New York, NY
- 2006. C.E. Garver-Apgar, S.W. Gangestad, R. Thornhill, R. Miller and J. Olp. Major histocompatibility complex genes, sexual responsibility, and unfaithfulness in romantic couples. *Psychological Science* 17:830-835.

- 2006. R. Thornhill. Foreword: Human sperm competition and woman's dual sexuality. Pp. v-xvii in *Sperm Competition in Humans: Classic and Contemporary Readings*, T. K. Shackelford and N. Pound, eds. Springer-Verlag Press, New York, NY.
- 2006. R. Thornhill and S.W. Gangestad. 2006. Facial sexual dimorphism, developmental stability and susceptibility to disease in men and women. *Evolution and Human Behavior* 27:131-144.
- 2006. M. McIntyre, S.W. Gangestad, P.B. Gray, J.F. Chapman, T.C. Burnham, M.T. O'Rourke and R. Thornhill. Romantic involvement often reduces men's testosterone levels—but not always: The moderating role of extrapair sexual interest. *Journal of Personality and Social Psychology* 91:642-651.
- 2005. S.W. Gangestad, R. Thornhill and C.E. Garver-Apgar. Adaptations to ovulation: Implications for sexual and social behavior. *Current Directions in Psychological Science* 14:312-316.
- 2005. S.W. Gangestad, R. Thornhill and C.E. Garver-Apgar. Women's sexual interests across the ovulatory cycle depend on primary partner developmental instability. *Proceedings of the Royal Society of London B* 272:2023-2027.
- 2005. S.W. Gangestad, R. Thornhill and C.E. Garver-Apgar. Adaptations to ovulation. Pp. 344-371 in *The Handbook of Evolutionary Psychology*, D.M. Buss, ed. John Wiley and Sons, Hoboken, NJ.
- 2005. A.P. Møller, R. Thornhill and S.W. Gangestad. Direct and indirect tests for publication bias: Asymmetry and sexual selection. *Animal Behaviour* 70:497-506.
- 2004. R. Thornhill and S.W. Gangestad. The evolution of human attractiveness and attraction. In *Evolution: From Molecules to Ecosystems*, A. Moya and E. Font, eds. Oxford University Press.
- 2004. S.W. Gangestad and R. Thornhill. Female multiple mating and genetic benefits in humans: Investigations of design. In *Sexual Selection in Primates*, P. Kappler and C. van Schaik, eds. Cambridge University Press, Cambridge, UK.
- 2004. R. Thornhill and C.T. Palmer. Evolutionary life history perspective on rape. Pp. 249-274 in *Evolutionary Psychology, Public Policy and Personal Decisions*, C. Crawford and C. Salmon, eds. Lawrence Erlbaum, Mahwah, NJ.
- 2003. C.T. Palmer and R. Thornhill. Straw men and fairy tales: Evaluating reactions to *A Natural History of Rape*. *Journal of Sex Research* 40:249-255.
- 2003. R. Thornhill, S.W. Gangestad, R. Miller, G. Scheyd, J. Knight and M. Franklin. MHC, symmetry, and body scent attractiveness in men and women. *Behavioral Ecology* 14:668-678.
- 2003. R. Thornhill and C.T. Palmer. Rape and evolution: A reply to our critics. *Psychology, Evolution and Gender* 4:283-296.
- 2003. K. Grammer, B. Fink, A.P. Møller and R. Thornhill. Darwinian aesthetics: Sexual selection and the biology of beauty. *Biological Reviews* 78:385-407.
- 2003. R. Thornhill and S.W. Gangestad. Evolutionary theory leads to evidence for a male sex pheromone that signals symmetry. *Psychological Inquiry* 14:316-323.
- 2003. C.T. Palmer and R. Thornhill. A posse of good citizens brings outlaw evolutionists to justice. A response to *Evolution, Gender and Rape* (2003, ed. by C.B. Travis, MIT Press, Cambridge, MA). *Evolutionary Psychology* 1:12-27.

- 2003. R. Thornhill and S.W. Gangestad. Do women have evolved adaptation for extra-pair copulation? Pp. 341-368 in *Evolutionary Aesthetics*, K. Grammer and E. Volland, eds. Springer-Verlag, Berlin, Germany.
- 2003. R. Thornhill. Darwinian aesthetics informs traditional aesthetics. Pp. 9-38 in *Evolutionary Aesthetics*, K. Grammer and E. Volland, eds. Springer-Verlag, Berlin, Germany.
- 2003. C.T. Palmer and R. Thornhill. Rape and evolution: A reply to our critics. *Psychology, Evolution and Gender* 4:283-296.
- 2003. S.W. Gangestad and R. Thornhill. Fluctuating asymmetry, developmental stability, and fitness: Toward a model-based interpretation. Pp. 62-80 in *Developmental Instability: Causes and Consequences*, M. Polak, ed. Oxford University Press, New York.
- 2003. S.W. Gangestad and R. Thornhill. Facial masculinity and fluctuating asymmetry. *Evolution and Human Behavior* 24:231-241.
- 2003. M. Polak, A.P. Møller, S.W. Gangestad, D.E. Kroeger, J.T. Manning and R. Thornhill. Does an individual asymmetry parameter exist? A meta-analysis. Pp. 81-98 in *Developmental Instability: Causes and Consequences*, M. Polak, ed. Oxford University Press, New York.
- 2002. Gangestad, S.W., R. Thornhill and C. Garver. 2002. Changes in women's sexual interest and their partners' mate retention tactics across the menstrual cycle. *Proceedings of the Royal Society of London B* 269:975-982.
- 2002. Kowner, R. and R. Thornhill. 2002. The imperfect organism: On the concept of asymmetry and its significance in humans, non-human animals and plants. *Symmetry, Culture and Science* 10:227-243.
- 2002. K. Grammer, B. Fink, R. Thornhill, A. Juetter, and G. Runzal. Female faces and bodies: N-dimensional feature space and attractiveness. In *Facial Attractiveness: Evolutionary, Cognitive and Social Perspectives*, G. Rhodes and L.A. Zebrowitz, eds. Greenwood Publishers Group, Westport, CT.
- 2001. B. Fink, K. Grammer and R. Thornhill. Human (*Homo sapiens*) facial attractiveness in relation to skin texture and color. *Journal of Comparative Psychology* 115:92-99.
- 2001. S. Gangestad, K. Bennett and R. Thornhill. A latent variable model of developmental instability in relation to men's sexual behavior. *Proceedings of the Royal Society of London B* 268:1677-1684.
- 2001. R. Thornhill and C.T. Palmer. New preface to paperback edition of *A Natural History of Rape: Biological Bases of Sexual Coercion*. [Http://mitpress.mit.edu/thornhill-preface.html](http://mitpress.mit.edu/thornhill-preface.html).
- 2001. C.T. Palmer and R. Thornhill. Serial rape: An evolutionary perspective. Pp. 51-65 in *Serial Offenders: Current Thought, Recent Findings, Unusual Syndromes*, L.B. Schlesinger, ed. CRC Press.
- 2001. C.T. Palmer, R. Thornhill and D.N. Dibri. Biology, sex and the debate over chemical castration. In *Sexual Violence: Policies, Practice and Challenges*. J.F. Hodgson and D.S. Kelly, eds. Praeger.
- 2000. J.T. Manning, L. Barley, J. Walton, D.I. Lewis-Jones, R.L. Trivers, D. Singh, R. Thornhill, P. Rohde, T. Bereckei, P. Henzi, M. Soler and A. Szwed. The 2<sup>nd</sup>:4<sup>th</sup> digit ratio, sexual dimorphism, population differences and reproductive success: Evidence for sexually antagonistic genes. *Evolution and Human Behavior* 21:163-190.

- 2000. R. Thornhill and C.T. Palmer. What *A Natural History of Rape* really says. The Albuquerque Tribune, March 2, pp. C1-2.
- 2000. R. Thornhill and C.T. Palmer. What *A Natural History of Rape* really says. The Independent, February 21, p. 5.
- 2000. R. Thornhill and C.T. Palmer. Just why do men rape, authors' reply. *The Sciences*, pp. 6, 46-47.
- 2000. R. Thornhill and C.T. Palmer. *A Natural History of Rape: Biological Bases of Sexual Coercion*. MIT Press.
- 2000. R. Thornhill and C.T. Palmer. Why men rape. *The Sciences* 40:30-36.
- 1999. R. Thornhill and S.W. Gangestad. Facial attractiveness. *Trends in Cognitive Sciences* 3:452-460.
- 1999. R. Thornhill. The biology of human rape. *Jurimetrics* 39:137-147.
- 1999. R. Thornhill. Sexual attraction, the evolutionary psychology of. Pp. 751-753 in *The MIT Encyclopedia of the Cognitive Sciences*, R.A. Wilson and F.C. Keil, eds. Boston, MA: MIT Press.
- 1999. R. Thornhill and K. Grammer. The body and face of woman: One ornament that signals quality? *Evolution and Human Behavior* 20:105-120.
- 1999. R. Thornhill and S.W. Gangestad. The scent of symmetry: A human sex pheromone that signals fitness? *Evolution and Human Behavior* 20:175-201.
- 1999. R. Thornhill, A.P. Møller and S.W. Gangestad. The biological significance of fluctuating asymmetry and sexual selection: A reply to Palmer. *American Naturalist* 154:234-241.
- 1999. A.P. Møller, S.W. Gangestad and R. Thornhill. Nonlinearity and the importance of fluctuating asymmetry as a predictor of fitness. *Oikos* 86:366-368.
- 1999. J.E. Scheib, S.W. Gangestad and R. Thornhill. Facial attractiveness, symmetry and cues of good genes. *Proceedings of the Royal Society of London, B*, 266:1913-1918.
- 1999. J. Manning, R. Trivers, D. Singh and R. Thornhill. The mystery of female beauty. *Nature* 399:214-215.
- 1999. S.W. Gangestad and R. Thornhill. Individual differences in developmental precision and fluctuating asymmetry: A model and its implications. *Journal of Evolutionary Biology* 12:402-416.
- 1999. R. Trivers, J. Manning, R. Thornhill, D. Singh and M. McGuire. The Jamaican asymmetry project: Long-term study of fluctuating asymmetry in rural Jamaican children. *Human Biology* 71:417-430.
- 1998. R. Thornhill and A.P. Møller. The relative importance of size and asymmetry in sexual selection. *Behavioral Ecology* 9:546-551.
- 1998. G. Arnqvist and R. Thornhill. Evolution of animal genitalia: Patterns of phenotypic and genotypic variation and condition-dependence of genital and non-genital morphology in a water strider (Heteroptera: Gerridae). *Genetical Research* 71:193-212.
- 1998. A. Møller and R. Thornhill. Male parental care, differential parental investment by females and sexual selection. *Animal Behaviour* 55:1507-1515.
- 1998. R. Thornhill and F. Bryant Furlow. Stress and human behavior: Attractiveness, women's sexual development, post-partum depression, and baby's cry. Pp. 319-369 in *Advances in the Study of Behavior*, P.J.B. Slater, M. Milinski and A. Møller, eds. Academic Press, New York, NY.

- 1998. S.W. Gangestad and R. Thornhill. Menstrual cycle variation in women's preferences for the scent of symmetrical men. *Proceedings of the Royal Society of London, B*, 265:927-933.
- 1998. A. Møller and R. Thornhill. Developmental stability and sexual selection: A meta-analysis. *American Naturalist* 151:174-192.
- 1998. S.W. Gangestad and R. Thornhill. The analysis of fluctuating asymmetry redux: The robustness of parametric statistics. *Animal Behaviour* 55:497-501.
- 1998. R. Thornhill. Darwinian aesthetics. Pp. 543-572 in *Handbook of Evolutionary Psychology: Ideas, Issues and Applications*, C. Crawford and D. Krebs, eds. Lawrence Erlbaum Assoc., Mahwah, NJ.
- 1997. R. Thornhill and A.P. Møller. Developmental stability, disease and medicine. *Biological Reviews* 72:497-548.
- 1997. R. Thornhill. The concept of an evolved adaptation. Pp. 4-13 in *Characterizing Human Psychological Adaptations*, G. Bock and G. Cardew, eds. CIBA Foundation, London, UK.
- 1997. G. Arnqvist, R. Thornhill and L. Rowe. Evolution of animal genitalia: Genital and non-genital morphology correlates of fitness components in a water strider. *Journal of Evolutionary Biology* 10:613-640.
- 1997. A. Møller and R. Thornhill. Developmental instability is heritable: Reply. *Journal of Evolutionary Biology* 10:69-70.
- 1997. F.B. Furlow, T. Armijo-Prewitt, S.W. Gangestad and R. Thornhill. Psychometric intelligence and fluctuating asymmetry. *Proceedings of the Royal Society, London, B*, 264.
- 1997. S.W. Gangestad and R. Thornhill. The evolutionary psychology of extra-pair sex: The role of fluctuating asymmetry. *Evolution and Human Behavior* 18:69-88.
- 1997. S.W. Gangestad and R. Thornhill. Human sexual selection and developmental stability. Pp. 169-195 in *Evolutionary Social Psychology*, J.A. Simpson and D.T. Kenrick, eds. Lawrence Erlbaum Assoc., Mahwah, NJ.
- 1997. A. Møller and R. Thornhill. A Meta-analysis of the heritability of fluctuating asymmetry. *Journal of Evolutionary Biology* 10:1-16.
- 1997. R. Thornhill. Rape-victim psychological pain revisited. Pp. 239-249 in *Evolution and Human Behavior: A Critical Reader*, Laura Betzig, ed. Oxford University Press.
- 1997. J.T. Manning, R.L. Trivers, R. Thornhill, D. Singh, J. Denman, M.H. Eklo, and R.H. Anderton. Ear asymmetry and left-side cradling. *Evolution and Human Behavior* 18:327-340.
- 1996. R. Thornhill and S.W. Gangestad. Human female copulatory orgasm: A human adaptation or phylogenetic legacy? *Animal Behaviour* 52:853-855.
- 1996. R. Thornhill and S.W. Gangestad. The evolution of human sexuality. *Trends in Ecology and Evolution* 11:98-102.
- 1996. B. Furlow and R. Thornhill, The orgasm wars. *Psychology Today* 29:42-46.
- 1995. A.P. Møller, M. Soler and R. Thornhill. Breast asymmetry, sexual selection and human reproductive success. *Ethology and Sociobiology* 16:207-219.
- 1995. R. Thornhill, S.W. Gangestad and R. Comer. Human female orgasm and mate fluctuating asymmetry. *Animal Behaviour* 50:1601-1615.



- 1994. R. Thornhill and S.W. Gangestad. Fluctuating asymmetry correlates with lifetime sex partner numbers and age at first sex in *Homo sapiens*. *Psychological Science* 5:297-302.
- 1994. S. Gangestad, R. Thornhill and R. Yeo. Facial physical attractiveness, developmental stability and fluctuating asymmetry. *Ethology and Sociobiology* 15:73-85.
- 1994. R. Thornhill. Is there psychological adaptation to rape? *Analyse and Kritik* 16:68-85.
- 1994. P. Watson and R. Thornhill. Fluctuating asymmetry and sexual selection. *Trends in Ecology and Evolution* 9:21-24.
- 1994. K. Grammer and R. Thornhill. Human (*Homo sapiens*) facial attractiveness and sexual selection: The role of symmetry and averageness. *Journal of Comparative Psychology* 108:233-242.
- 1993. R. Thornhill and S. Gangestad. Human facial beauty: Averageness, symmetry and parasite resistance. *Human Nature* 4:237-269.
- 1993. K. Johnson, R. Thornhill, J.D. Ligon and M. Zuk. The directions of mothers' and daughters' preferences and the heritability of male ornaments in red jungle fowl (*Gallus gallus*). *Behavioral Ecology* 4:254-259.
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- 1992. M. Zuk, J.D. Ligon and R. Thornhill. Effects of experimental manipulation on male secondary sex characters on female mate preference in red jungle fowl. *Animal Behaviour* 44:999-1006.
- 1992. R. Thornhill. Fluctuating asymmetry and the mating system of the Japanese scorpionfly, *Panorpa japonica*. *Animal Behaviour* 44:867-879.
- 1992. R. Thornhill and N.W. Thornhill. The study of men's coercive sexuality: What course should it take? *Behavioral and Brain Sciences* (authors' response to 28 commentators) 15:404-421.
- 1992. R. Thornhill and N.W. Thornhill. The evolutionary psychology of men's sexual coercion. *Behavioral and Brain Sciences* (target article) 15:363-375.
- 1992. R. Thornhill. Fluctuating asymmetry and interspecific competition in two species of Japanese scorpionflies. *Behavioral Ecology and Sociobiology* 30:357-363.
- 1992. R. Thornhill. Females prefer the pheromone of males with low fluctuating asymmetry in the Japanese scorpionfly (*Panorpa japonica*). *Behavioral Ecology* 3:277-283.
- 1992. R. Thornhill and K.P. Sauer. Paternal genetic effects on the fighting ability of sons and daughters and mating success of sons in a scorpionfly (*Panorpa vulgaris*). *Animal Behavior* 43:255-264.
- 1991. S. Austad and R. Thornhill. This bug's for you. *Natural History* (No. 12.):44-49.
- 1991. R. Thornhill. Teleonomy and the study of sexual selection. *Acta XX Congressus Internationalis Ornithologici*, Vol. III:1361-1366.
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- 1991. R. Thornhill and K.P. Sauer. The notal organ of the scorpionfly (*Panorpa vulgaris*): An adaptation to coerce mating duration. *Behavioral Ecology* 2:156-164.
- 1990. M. Zuk, R. Thornhill, J.D. Ligon and K. Johnson. Parasites and mate choice in red jungle fowl. *American Zoologist* 30:235-244.

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### **Popularization of My Research:**

I am interested in increasing the public's understanding of science in general and evolutionary biology in particular. In this regard, my research has been featured in televised productions by The Today Show; The Morning Show; CNN Live; CNN International; BBC; National Geographic; Beyond 2000; *Discover Magazine*; Discover Canada; Dateline NBC; ABC News Special; Charles Grodin Show; Cronkite, Ward & Company's documentary series; 20/20; Primetime Live; and others, including TV productions in Europe, Australia and South America. Also, my research has been featured in many U.S. and European radio programs, international newspapers and international magazines (e.g., *Science*, *Nature*, *Newsweek*, *U.S. News and World Report*, *Economist*, *Vogue*, *Playboy*, *New Scientist*, *Reader's Digest*, *Mademoiselle*, *Elle*, *Men's Health*, *Health*, *Time*, *Psychology Today*) and in many newspapers and magazines in the U.S. and many other countries.

[Article in 2014 \*Pacific Standard\* magazine](#) on Thornhill's current research on moral systems and parasites.

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