CURRICULUM VITÆ **Feb. 19, 2013**

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Temporary address 1/2013-8/2013:
Business & Society Program Area (BSPA)
New York University Stern School of Business
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Psychology Department, Logan Hall 160, MSC03 2220
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Employment History

Henry Kaufmann Visiting Professor of Business, 1/2013 – 8/2013, Business & Society Program Area (BSPA), New York University Stern School of Business, New York, USA

Associate Professor, 7/2008 – present, Psychology Department, University of New Mexico, Albuquerque, New Mexico, USA. (tenured; on leave 1/2013-8/2013).

Visiting Scientist, Genetic Epidemiology Group, Queensland Institute of Medical Research, Brisbane, Australia, 1/2009 – 7/2009 (sabbatical).

Assistant Professor, 8/2001 – 6/2008, Psychology Department, University of New Mexico, Albuquerque, New Mexico, USA.

Research Associate, 1/2001 – 8/2001, Darwin@LSE Group, Centre for the Philosophy of the Natural and Social Sciences (CPNSS), London School of Economics, London, England.

Visiting Associate Professor, 8/2000 to 12/2000, Evolutionary Psychology of Media Group, Speech and Communication Studies Program, U.C.L.A., Los Angeles, California, USA.

Senior Research Fellow, 9/1996 – 8/2000, Centre for Economic Learning and Social Evolution (ELSE), University College London, London, England.

Research Scientist (Wissenschaftler Mitarbeiter IIa), 9/1995 – 8/1996, Center for Adaptive Behavior and Cognition, Max Planck Institute for Psychological Research, Munich, Germany.

Lecturer, 1/1995 – 8/1995, Psychology Department, University of Nottingham, England.

Post-Doctoral Researcher, 10/1992 – 12/1994, Evolutionary and Adaptive Systems Group, School of Cognitive and Computing Sciences, University of Sussex, Brighton, England. Supported by NSF International Research Fellow Award (1992-1993) and NSF-NATO Postdoctoral Fellowship (1993-1994).

Educational History:

Ph.D., 1994, Stanford University, Palo Alto, California, USA, Experimental Psychology. Dissertation: *Evolution of the human brain through runaway sexual selection*. Advisor: Roger N. Shepard. Supported by NSF Graduate Fellowship.

B.A., 1987, Columbia University, New York, USA, Biology-Psychology (Dual Major). Honors Psychology Thesis: *Cognitive mechanisms of metaphor comprehension*. Advisor: Barbara A. Dosher. Supported by John Jay Scholarship (full merit scholarship).

Research Impact Measures (as of April 10, 2012, compiled from google scholar)

- Total citations: 5,814
- H-index: 37

Research Interests

- Evolutionary consumer psychology, including conspicuous consumption, consumer preferences, product design, marketing, advertising, branding, consulting, and social policy issues
- The evolutionary psychology of human sexuality, mate choice, person perception, social cognition, individual differences, psychopathology, and consumer behavior
- Behavioral economics, adaptive judgment and decision-making, strategic behavior, adaptive unpredictability, and evolutionary game theory
- The behaviour genetics, evolutionary genetics, and genetic architecture of intelligence, personality, and psychopathology
- Analyzing human mental traits (e.g. language, intelligence, creativity, music, art, humor, and moral virtues) as fitness indicators (costly, reliable signals of phenotypic condition and genetic quality) shaped by sexual selection and social selection
- Clinical applications of fitness indicator theory to understand the evolutionary genetics, phenotypic symptoms, and demographics of schizophrenia, depression, autism, personality disorders, and sexual dysfunctions
- (Earlier research no longer active): Computer simulations of evolution, including genetic algorithms, evolutionary robotics, artificial life, and models of mate choice, runaway sexual selection, sympatric speciation, biodiversity, co-evolution, and protean behavior

Publications (Note: all citation counts to publications below are from google scholar as of April 10, 2012)

Books (3 published, 1 in development)

Miller, G. F.: *The mating mind: How sexual choice shaped the evolution of human nature;* 514 pages. (1,228 citations across various editions)

- U.S./Canada hardback: Doubleday (New York) (2000)
- U.K./Commonwealth hardback: Heinemann (London) (2000)
- U.S./Canada paperback: Anchor (New York) (2001)
- U.K./Commonwealth paperback: Vintage (London) (2001)
- Portugese (*A Mente Seletiva: Como a escolha sexual influenciou a evolução da natureza humana*): Campus (Rio de Janeiro) (2000)
- Dutch (*De parende geest. Seksuele selectie en de evolutie van het bewustzijn*): Uitgeverij/Contact (Amsterdam) (2001)
- German (*Die sexuelle Evolution: Partnerwahl und die Entstehung des Geistes*): Spektrum Verlag (Berlin) (2001)
- Italian (*Uomini, donne e code di pavone*): Einaudi (Rome) (2002)
- Japanese: Iwanami Shoten (Tokyo) (2002)
- Polish (*Umysł w Zalotach: Jak wybory seksualne kształtowałty naturę człowieka*): REBIS Publishing (Warsaw) (2005)

- Croatian (*Razum i razmnožavanje: Kako je izbor seksualnih partnera obligovao ljudsku narav*): Algoritam Publishing (Zagreb) (2006)
- Korean: Sosoh Publishing (Seoul) (2006)
- Hungarian (*A párválasztó agy: A párválasztás szerepe az emberi agy evolúciójában*): Typotex Publishing (Budapest) (2006)
- Turkish (*Sevişen beyin: Eş bulma süreci ìnsan doğasini nasil belirledi?*): NTV Yayinlari (Istanbul) (2010)
- Chinese: CITIC Publishing (Beijing) (2010)
- Vietnamese: Lac Hong Book Co. Ltd. (Ho Chi Minh City) (in press).

Reviewed or featured in: *Science, Nature, New York Times Book Review, Washington Post, New Scientist, Science News, The Economist, Financial Times* (UK), *Guardian* (UK), *Independent* (UK), *Daily Telegraph* (UK), *Daily Mail* (UK), *Daily Express* (UK), *Mail on Sunday* (UK), *Globe and Mail* (Toronto), *Der Spiegel* (Berlin), *Aftonbladet* (Sweden), *South China Morning Post* (Hong Kong), *Sydney Morning Herald* (Australia), *Veja* (Rio de Janeiro), *Publishers Weekly, Library Journal, Booklist, Human Nature, Cerebrum, Philosophy & Literature, Psycholoquy, Journal of Consciousness Studies, Details, Allure, Cosmopolitan,* amazon.com, edge.org, Arts & Letters Daily.

Geher, G., & **Miller, G. F.** (Eds.). (2008). *Mating intelligence*: *Sex, relationships, and the mind's reproductive system*. Lawrence Erlbaum Associates (Mahwah, NJ); 451 pages. (31 citations)

Miller, G. F.: *Spent: Sex, evolution, and consumer behavior*; 374 pages. (71 citations across various editions)

- U.S./Canada hardback: Viking (New York) (2009)
- U.S./Canada paperback: Penguin (New York) (2010)
- U.K./Commonwealth hardback (*Spent: Sex, evolution, and the secrets behind consumerism*): William Heinemann/Random House (London) (2009)
- U.K./Commonwealth paperback (*Must-have: The hidden instincts behind everything we buy*): Vintage (London) (2010)
- Dutch translation (*Darwin en de consument: Seks, Status en het brein*): Uitgeverij/Contact (Amsterdam, 2009)
- Portugese translation (Darwin vai às compras: Sexo, evolução e consume; Distribudora Record/ Editora BestSeller, Rio de Janiero, 2012)
- Korean translation: Dongnyok Science (Seoul)
- Polish translation: Prószinsky i S-ka SA Science (Warsaw)
- Chinese translation: Cheers Publishing (Beijing)
- Turkish translation: Alfa Publishing (Istanbul)

A CHOICE Outstanding Academic Title (2009)

Reviewed or featured in: *New York Times, Time, Newsweek, SEED, Wired, Psychology Today, New Scientist, Scientific American Mind, Prospect* (UK), *BBC Focus* (UK), *Guardian* (UK), *Times* (UK), *Financial Times* (UK), *Scotland on Sunday* (UK), *Scotsman* (UK), *Sunday Herald* (UK), *Evening Standard (UK), Literary Review* (UK), *Waterstone's Books Quarterly* (UK), *Irish Times, Washington Times, New York Review of Ideas, Evolutionary Psychology, Publishers Weekly, Library Journal, Booklist, Fast Company, Experience Life*, BusinessWeek.com, CNBC.com, Arts & Letters Daily.

Haselton, M. G., & **Miller, G. F.** (book proposal in development). Hormonal: The hidden intelligence behind women's fertility cycles.

Papers in Refereed Journals (48 published, 2 submitted; IF after each publication is journal's average 2-year impact factor, followed by number of citations to the paper itself)

Miller, G. F., & Shepard, R. N. (1993). An objective criterion for apparent motion based on phase discrimination. *Journal of Experimental Psychology: Human Perception and Performance, 19*(1), 48-62. (IF 2.79; 4 citations)

Todd, P. M., & **Miller, G. F.** (1993). Parental guidance suggested: How parental imprinting evolves through sexual selection as an adaptive learning mechanism. *Adaptive Behavior, 2*(1), 5-47. (IF 1.17; 58 citations)

Todd, P. M., & **Miller. G. F.** (1997). How cognition shapes cognitive evolution. *IEEE Expert: Intelligent Systems and their applications, 12*(4), 7-9. (IF 3.14; 2 citations)

Husbands, P., Harvey, I., Cliff, D., & **Miller, G. F.** (1997). Artificial evolution: A new path for artificial intelligence? *Brain and Cognition, 34*(1),130-159. (IF 2.84; 62 citations)

Miller, G. F., & Todd, P. M. (1998). Mate choice turns cognitive. *Trends in Cognitive Sciences, 2*(5), 190-198. (IF 9.69; 152 citations)

Miller, G. F. (2001). Precis of 'The mating mind'. *Psycoloquy, 12*(008). http://www.cogsci.soton.ac.uk/cgi/psyc/newpsy?12.008 (IF unknown)

Miller, G. F. (2001). Aesthetic fitness: How sexual selection shaped artistic virtuosity as a fitness indicator and aesthetic preferences as mate choice criteria. *Bulletin of Psychology and the Arts, 2*(1), 20-25. (IF unknown; 60 citations)

Shaner, A., **Miller, G. F**., & Mintz, J. (2004). Schizophrenia as one extreme of a sexually selected fitness indicator. *Schizophrenia Research, 70*(1), 101-109. (IF 4.37; 57 citations)

Prokosch, M., Yeo, R., & **Miller, G. F.** (2005). Intelligence tests with higher g-loadings show higher correlations with body symmetry: Evidence for a general fitness factor mediated by developmental stability. *Intelligence, 33*(2), 203-213. (IF 3.17; 107 citations)

Barrett, H. C., Todd, P. M., **Miller, G. F**., & Blythe, P. (2005). Accurate judgments of intention from motion cues alone: A cross-cultural study. *Evolution and Human Behavior, 26*(4), 313-331. (IF 3.65; 69 citations)

Haselton, M., & **Miller, G. F**. (2006). Women's fertility across the cycle increases the short-term attractiveness of creative intelligence. *Human Nature, 17*(1), 50-73. (IF 1.92; 120 citations)

Cliff, D., & **Miller, G. F**. (2006). Visualizing coevolution with CIAO plots. *Artificial Life*, *12*(2), 199-202. (IF 2.12; 15 citations)

Miller, G. F. (2006). The Asian future of evolutionary psychology. *Evolutionary Psychology*, *4*, 107-119. (IF 1.28; 9 citations)

Miller, G. F. (2006). Asian creativity: A response to Satoshi Kanazawa. *Evolutionary Psychology*, *4*, 129-137. (IF 1.28; 2 citations)

Keller, M., & **Miller, G. F**. (2006). Which evolutionary genetic models best explain the persistence of common, harmful, heritable mental disorders? *Behavioral and Brain Sciences, 29,* 385-404. [target article] (IF 21.95; 184 citations)

Keller, M., & **Miller, G. F**. (2006). An evolutionary framework for mental disorders: Integrating adaptationist and evolutionary genetics models. *Behavioral and Brain Sciences, 29,* 429-452. [response to 23 commentaries] (IF 21.95; 7 citations)

Sefcek, J. A., Brumbach, B. H., Vásquez, G., & **Miller, G. F**. (2006). The evolutionary psychology of human mate choice: How ecology, genes, fertility, and fashion influence

our mating behavior. *Journal of Psychology and Human Sexuality*, *18*(2/3), 125-182. (known since 2007 as *International Journal of Sexual Health*; IF 0.61; 15 citations)

Miller, G. F., & Penke, L. (2007). The evolution of human intelligence and the coefficient of additive genetic variance in human brain size. *Intelligence*, *35*(2), 97-114. (IF 3.17; 31 citations)

Miller, G. F. (2007). Sexual selection for moral virtues. *Quarterly Review of Biology*, *82*(2), 97-125. (IF 4.82; 77 citations)

Miller, G. F. (2007). Reconciling evolutionary psychology and ecological psychology: How to perceive fitness affordances. *Acta Psychologica Sinica, 39*(3), 546-555. [Special issue on evolutionary psychology]. (IF unknown; 3 citations)

Miller, G. F., & Tal, I. (2007). Schizotypy versus intelligence and openness as predictors of creativity. *Schizophrenia Research, 93*(1-3), 317-324. (IF 4.37; 36 citations)

Shaner, A., **Miller, G. F**., & Mintz, J. (2007). Evidence of a latitudinal gradient in the age of onset of schizophrenia. *Schizophrenia Research, 94*(1-3), 58-63. (IF 4.37; 5 citations)

Griskevicius, V., Tybur, J. M., Sundie, J. M., Cialdini, R. B., **Miller, G. F**., & Kenrick, D. T. (2007). Blatant benevolence and conspicuous consumption: When romantic motives elicit costly displays. *Journal of Personality and Social Psychology, 93*(1), 85-102. (IF 5.21; 146 citations)

Penke, L., Denissen, J. J., & **Miller, G. F**. (2007). The evolutionary genetics of personality. *European Journal of Personality, 21*(5), 549-587. [target article] (IF 2.10; 162 citations)

Penke, L., Denissen, J. J., & **Miller, G. F**. (2007). Evolution, genes, and interdisciplinary personality research. *European Journal of Personality, 21*(5), 639-665. [response to 22 commentaries] (IF 2.10; 27 citations)

Andrews, P. W., Aggen, S. H., **Miller, G. F**., Radi, C., Dencoff, J. E., & Neale, M. C. (2007). The functional design of depression's influence on attention: A preliminary test of alternative control-process mechanisms. *Evolutionary Psychology, 5*(3), 584-604. (IF 1.28; 6 citations)

Miller, G. F., Tybur, J., & Jordan, B. (2007). Ovulatory cycle effects on tip earnings by lap-dancers: Economic evidence for human estrus? *Evolution and Human Behavior*, 28, 375-381. (IF 3.65; 99 citations)

Tybur, J. M., **Miller, G. F**., & Gangestad, S. W. (2007). Testing the controversy: An empirical examination of adaptationists' attitudes towards politics and science. *Human Nature, 18*(4), 313-328. (IF 1.92; 13 citations)

Hooper, P., & **Miller, G. F**. (2008). Mutual mate choice can drive ornament evolution even under perfect monogamy. *Adaptive Behavior, 16*(1), 53-70. (IF 1.17; 26 citations)

Greengross, G., & **Miller, G. F**. (2008). Dissing oneself versus dissing rivals: Effects of status, personality, and sex on the short-term and long-term attractiveness of self-deprecating and other-deprecating humor. *Evolutionary Psychology, 6*(3), 393-408. (IF 1.28; 20 citations)

Shaner, A., **Miller, G. F**., & Mintz, J. (2008). Autism as the low-fitness extreme of a parentally selected fitness indicator. *Human Nature, 19*, 389-413. (IF 1.92; 6 citations)

Andrews, P. W., Gangestad, S. W., **Miller, G. F**., Haselton, M. G., Thornhill, R., & Neale, M. C. (2008). Sex differences in detecting sexual infidelity: Results of a maximum likelihood method for analyzing the sensitivity of sex differences to underreporting. *Human Nature, 19*, 347-373. (IF 1.92; 14 citations)

Klimentidis, Y.**, Miller, G. F**., & Shriver, M. D. (2009). The relationship between European genetic admixture and body composition among Hispanics and Native Americans. *American Journal of Human Biology, 21*(3), 377-382. (IF 2.02; 5 citations)

Klimentidis, Y. C., **Miller, G. F**., & Shriver, M. D. (2009). Genetic admixture, self-reported ethnicity, self-estimated admixture, and skin pigmentation among Hispanics and Native

Americans. *American Journal of Physical Anthropology*, *138*(4), 375-383. (IF 2.69; 21 citations)

Greengross, G., & **Miller, G. F**. (2009). The Big Five personality traits of professional comedians compared to amateur comedians, comedy writers, and college students. *Personality and Individual Differences, 47*, 79-83. (IF 1.82; 4 citations)

Arden, R., Gottfredson, L., **Miller, G. F**., & Pierce. A. (2009). Intelligence and semen quality are positively correlated. *Intelligence*. *37*, 277-282. (IF 3.17; 22 citations)

Pierce, A., **Miller, G. F**., Arden, R., & Gottfredson, L. (2009). Why is intelligence correlated with semen quality? Biochemical pathways common to sperm and neuron function, and their vulnerability to pleiotropic mutations. *Communicative and Integrative Biology*, *2*(5), 1-3. (IF unknown; 3 citations)

Arden, R., Gottfredson, L., & **Miller, G. F**. (2009). Does a fitness factor contribute to the association between intelligence and health outcomes? Evidence from medical abnormality counts among 3,654 US Veterans. *Intelligence*, *37*, 581-591. (IF 3.17; 16 citations)

Greengross, G., & **Miller, G. F**. (2011). Humor ability reveals intelligence, predicts mating success, and is higher in males. *Intelligence, 39*, 188-192. (IF 3.17; 3 citations)

Zietsch, B. P., **Miller, G. F**., Bailey, J. M., & Martin, N. G. (2011). Female orgasm rates are largely independent of other traits: Implications for "female orgasmic disorder" and evolutionary theories of orgasm. *Journal of Sexual Medicine, 8*(8), 2305-2316*.* (IF 3.95; 3 citations)

Greengross, G., Martin, R. A., & **Miller, G. F**. (2011). Personality traits, intelligence, humor styles, and humor production ability of professional stand-up comedians compared to college students. *Psychology of Aesthetics, Creativity, and the Arts, 6*(1), 74-82. (IF unknown).

Jung, K., Ruthruff, E., Tybur, J., Gaspelin, N., & **Miller, G**. **F**. (2012). Perception of facial attractiveness requires some attentional capacity: Implications for the "automaticity" of psychological adaptations. *Evolution and Human Behavior, 33*, 241-250. (IF 3.65)

Miller, G. F., Zhu, G., Wright, M. J., Hansell, N. K., & Martin, N. G. (2012). The heritability and genetic correlates of mobile phone use: A twin study of consumer behaviour. *Twin Research and Human Genetics, 15*(1), 97-106. (IF 1.58).

Greengross, G., Martin, R. A., & **Miller, G. F**. (2012). Childhood experiences of professional comedians: Peer and parent relationships and humor use. *Humor, 25*(4): 491-505. (IF 0.78).

Miller, G. F. (2012). The smartphone psychology manifesto. *Perspectives on Psychological Science*, *7*(3), 221-237*.* (IF 5.27).

Yeater, E. A., **Miller, G. F**., Rinehart, J. K., & Nason, E. (2012). Trauma and sex surveys meet minimal risk standards: Implications for Institutional Review Boards. *Psychological Science, 23*(7), 780-787*.* (IF 4.70).

Costa, R. M., **Miller, G. F**., & Brody, S. (2012). Women who prefer longer penises are more likely to have vaginal orgasms (but not clitoral orgasms): Implications for an evolutionary theory of vaginal orgasm. *Journal of Sexual Medicine* (advanced online publication), 1-10. (IF 3.95).

Miller, G. F. (2012). Sex, evolution, and marketing. *EMBO Reports, 13*(10), 880-884. (IF 7.82).

Schruth, D. M., Templeton, C. N., Schruth, C. C., Holman, D. J., Smith, E. A., & **Miller, G. F**. (submitted). Musical display co-evolved with aerial locomotion in non-human primates.

Vigil, J. M., Rowell, L. N., **Miller, G. F**., Choutreau, S., Chavez, A., Jaramillo, E., Neal, M., & Waid, D. (submitted). Sex differences in how social networks influence pain sensitivity.

Miller, G., Yeater, E. A., Rinehart, J. K., & Nason, E. (in preparation). Which participants are most distressed by trauma and sex surveys?

Church, M., Miller, G. F., & Boone, J. (in preparation). Monumental homes as costly signals of familial power: An analysis of 206 palaces in Florence, Italy from the 1200s through 1600s.

Davis, H. E., Kaplan, H., & Miller, G. F. (in preparation). What does general intelligence predict in small-scale societies? Data from the Tsimane, an indigenous forager-farming group in central lowland Bolivia.

Miller, G. F., Winegar, C., & Fincke, S. (in preparation). Ovulatory cycle effects on tip earnings by waitresses in family restaurants.

Miller, G. F. (in preparation). Mental fitness indicators: A theoretical and empirical review.

Chapters in Edited Volumes, Technical Reports, and Dissertation (48 published, 1 in press)

Miller, G. F., Todd, P. M., & Hegde, S. U. (1989). Designing neural networks using genetic algorithms. In J. D. Schaffer (Ed.), *Proceedings of the Third International Conference on Genetic Algorithms* (pp. 379-384). San Mateo, CA: Morgan Kaufmann. (667 citations)

Miller, G. F., & Todd, P. M. (1990). Exploring adaptive agency I: Theory and methods for simulating the evolution of learning. In D. S. Touretsky, J. L. Elman, T. J. Sejnowski, & G. E. Hinton (Eds.), *Proceedings of the 1990 Connectionist Models Summer School* (pp. 65-80). San Mateo, CA: Morgan Kaufmann. (48 citations)

Todd, P. M., & **Miller, G. F**. (1991). Exploring adaptive agency II: Simulating the evolution of associative learning. In J.-A. Meyer & S. W. Wilson (Eds.), *From Animals to Animats: Proceedings of the First International Conference on Simulation of Adaptive Behavior* (pp. 306-315). Cambridge, MA: MIT Press/Bradford Books. (94 citations)

Todd, P. M., & **Miller, G. F**. (1991). Exploring adaptive agency III: Simulating the evolution of habituation and sensitization. In H.-P. Schwefel & R. Manner (Eds.), *Parallel problem solving from nature* (pp. 307-313). Berlin: Springer-Verlag. (27 citations)

Todd, P. M., & **Miller, G. F**. (1991). On the sympatric origin of species: Mercurial mating in the Quicksilver Model. In R. K. Belew & L. B. Booker (Eds.), *Proceedings of the Fourth International Conference on Genetic Algorithms* (pp. 547-554). San Mateo, CA: Morgan Kaufmann. (45 citations)

Miller, G. F. (1993). *Evolution of the human brain through runaway sexual selection: The mind as a protean courtship device*. Ph.D. dissertation, Psychology Department, Stanford University. (23 citations)

Miller, G. F. (1993). Dynamic mental representations of animate motion: The interplay among evolutionary, cognitive, and behavioural dynamics. School of Cognitive and Computing Sciences, University of Sussex, Technical Report. (15 citations)

Miller, G. F., & Todd, P. M. (1993). Evolutionary wanderlust: Sexual selection with directional mate preferences. In J.-A. Meyer, H. L. Roitblat, & S. W. Wilson (Eds.), *From Animals to Animats 2: Proceedings of the Second International Conference on Simulation of Adaptive Behavior* (pp. 21-30). Cambridge, MA: MIT Press/Bradford Books. (45 citations)

Cliff, D., & **Miller, G. F**. (1994). Co-evolution of pursuit and evasion I: Biological and game-theoretic foundations. School of Cognitive and Computing Sciences, University of Sussex, Technical Report. (56 citations)

Miller, G. F., & Cliff, D. (1994). Protean behavior in dynamic games: Arguments for the co-evolution of pursuit-evasion tactics in simulated robots. In D. Cliff, P. Husbands, J. A. Meyer, & S. Wilson (Eds.), *From Animals to Animats 3: Proceedings of the Third*

International Conference on Simulation of Adaptive Behavior (pp. 411-420). Cambridge, MA: MIT Press/Bradford Books. (106 citations)

Miller, G. F. (1994). Exploiting mate choice in evolutionary computation: Sexual selection as a process of search, optimization, and diversification. In T. C. Fogarty (Ed.), *Evolutionary Computing: Proceedings of the 1994 Artificial Intelligence and Simulation of Behavior (AISB) Society Workshop* (pp. 65-79). Berlin: Springer-Verlag. (28 citations)

Husbands. P., Harvey, I., Cliff, D., & **Miller, G. F**. (1994). The use of genetic algorithms for the development of sensorimotor control systems. In P. Gaussier & J. D. Nicoud (Eds.), *Proceedings of the International Workshop from Perception to Action* (pp. 100-121). Los Alamitos, CA: IEEE Computer Society Press. (59 citations)

Miller, G. F. (1995). Artificial life as theoretical biology: How to do real science with computer simulation. School of Cognitive and Computing Sciences, University of Sussex, Technical Report. (47 citations)

Cliff, D., & **Miller, G. F**. (1995). Tracking the Red Queen: Methods for measuring co-evolutionary progress in open-ended simulations. In F. Moran, A. Moreno, J. J. Merelo, & P. Cachon (Eds.), *Advances in artificial life*: *Proceedings of the Third European Conference on Artificial Life* (pp. 200-218). Berlin: Springer-Verlag. (233 citations)

Miller, G. F., & Todd, P. M. (1995). The role of mate choice in biocomputation: Sexual selection as a process of search, optimization, and diversification. In W. Banzhaf & F. H. Eeckman (Eds.), *Evolution and biocomputation: Computational models of evolution* (pp. 169-204). Berlin: Springer-Verlag. (53 citations)

Blythe, P., **Miller, G. F**., & Todd, P. M. (1996). Human simulation of adaptive behavior: Interactive studies of pursuit, evasion, courtship, fighting, and play. In P. Maes, M. J. Mataric, J.-A. Meyer, J. Pollack, & S. W. Wilson (Eds.), *From Animals to Animats 4: Proceedings of the Fourth International Conference on Simulation of Adaptive Behavior* (pp. 13-22). Cambridge, MA: MIT Press. (37 citations)

Cliff, D., & **Miller, G. F**. (1996). Co-evolution of pursuit and evasion II: Simulation methods and results. In P. Maes, M. J. Mataric, J.-A. Meyer, J. Pollack, & S. W. Wilson (Eds.), *From Animals to Animats 4: Proceedings of the Fourth International Conference on Simulation of Adaptive Behavior* (pp. 506-515). Cambridge, MA: MIT Press. (216 citations)

Miller, G. F. (1997). Protean primates: The evolution of adaptive unpredictability in competition and courtship. In A. Whiten & R. W. Byrne (Eds.), *Machiavellian intelligence II: Extensions and evaluations* (pp. 312-340). Cambridge, UK: Cambridge U. Press. (96 citations)

Miller, G. F. (1997). Mate choice: From sexual cues to cognitive adaptations. In G. Cardew (Ed.), *Characterizing human psychological adaptations (Ciba Foundation Symposium 208)* (pp. 71-87). New York: John Wiley. (63 citations)

Todd, P. M., and **Miller, G. F**. (1997). Biodiversity through sexual selection. In C. G. Langton and K. Shimohara (Eds.), *Artificial Life V: Proceedings of the Fifth International Workshop on the Synthesis and Simulation of Living Systems* (pp. 289-299). Cambridge, MA: MIT Press/Bradford Books. (37 citations)

Miller, G. F. (1998). How mate choice shaped human nature: A review of sexual selection and human evolution. In C. Crawford & D. Krebs (Eds.), *Handbook of evolutionary psychology: Ideas, issues, and applications* (pp. 87-129). Mahwah, NJ: Lawrence Erlbaum. (136 citations)

Miller, G. F. (1999). Sexual selection for cultural displays. In R. Dunbar, C. Knight, & C. Power (Eds.), *The evolution of culture* (pp. 71-91). Edinburgh, Scotland: Edinburgh U. Press. (113 citations)

Blythe, P. W., Todd, P. M., & **Miller, G. F**. (1999). How motion reveals intention: Categorizing social interactions. In G. Gigerenzer & P. Todd. (Eds.), *Simple heuristics that make us smart* (pp. 257-285). Oxford, UK: Oxford U. Press. (81 citations)

Todd, P.M., & **Miller, G. F**. (1999). From Pride and Prejudice to Persuasion: Satisficing in mate search. In G. Gigerenzer & P. Todd. (Eds.), *Simple heuristics that make us smart* (pp. 286-308). Oxford, UK: Oxford U. Press. (123 citations)

Miller, G. F. (2000). Evolution of human music through sexual selection. In N. L. Wallin, B. Merker, & S. Brown (Eds.), *The origins of music* (pp. 329-360). Cambridge, MA: MIT Press. (166 citations)

Miller, G. F. (2000). Marketing. In J. Brockman (Ed.), *The greatest inventions of the last 2,000 years* (pp. 121-126). New York: Simon & Schuster.

Miller, G. F. (2000). Technological evolution as self-fulfilling prophecy. In J. Ziman (Ed.), *Technological innovation as an evolutionary process* (pp. 203-215). Cambridge, UK: Cambridge U. Press. (7 citations)

Miller, G. F. (2000). Mental traits as fitness indicators: Expanding evolutionary psychology's adaptationism. In D. LeCroy & P. Moller (Eds.), *Evolutionary perspectives on human reproductive behavior (Annals of the New York Academy of Sciences, Volume 907)* (pp. 62-74). New York: New York Academy of Sciences. (75 citations)

Miller, G. F. (2000). Sexual selection for indicators of intelligence. In G. Bock, J. Goode, & K. Webb (Eds.), *The nature of intelligence (Novartis Foundation Symposium 233)* (pp. 260-275). New York: John Wiley. (98 citations)

Miller, G. F. (2002). How did language evolve? In H. Swain (Ed.), *Big questions in science* (pp. 79-90). London: Jonathan Cape. (6 citations)

Miller, G. F. (2002). The science of subtlety. In J. Brockman (Ed.), *The next fifty years* (pp. 85-92). New York: Vintage.

Miller, G. F. (2003). Fear of fitness indicators: How to deal with our ideological anxieties about the role of sexual selection in the origins of human culture. In *Being human: Proceedings of a conference sponsored by the Royal Society of New Zealand (Miscellaneous series 63)* (pp. 65-79). Wellington, NZ: Royal Society of New Zealand. (6 citations)

Miller, G. F. (2007). Brain evolution. In S. W. Gangestad & J. A. Simpson (Eds.), *The evolution of human mind: Fundamental questions and controversies* (pp. 287-293). New York: Guilford Press.

Miller, G. F. (2007). Runaway consumerism explains the Fermi paradox. In J. Brockman (Ed.), *What is your dangerous idea?* (pp. 240-243). New York: Harper Perennial.

Geher, G., **Miller, G. F**., & Murphy, J. (2007). Mating intelligence: Towards an evolutionarily informed construct. In G. Geher & G. Miller (Eds.), *Mating intelligence: Sex, relationships, and the mind's reproductive system*, pp. 3-34. Mahwah, NJ: Erlbaum. (10 citations)

Kaufman, S. B., Kozbelt, A., Bromley, M. L., & **Miller, G. F**. (2007). The role of creativity and humor in mate selection. In G. Geher & G. Miller (Eds.), *Mating intelligence: Sex, relationships, and the mind's reproductive system* (pp. 227-262). Mahwah, NJ: Erlbaum. (21 citations)

Miller, G. F. (2007). Mating intelligence: Frequently asked questions. In G. Geher & Miller, G. F. (Eds.), *Mating intelligence: Sex, relationships, and the mind's reproductive system* (pp. 367-393). Mahwah, NJ: Erlbaum. (4 citations)

Shaner, A., **Miller, G. F**., & Mintz, J. (2007). Mental disorders as catastrophic failures of mating intelligence. In G. Geher & G. Miller (Eds.), *Mating intelligence: Sex, relationships, and the mind's reproductive system* (Chapter 1, pp. 193-223). Mahwah, NJ: Erlbaum. (6 citations)

Sefcek, J. A., Brumbach, B. H., Vásquez, G., & **Miller, G. F**. (2007). The evolutionary psychology of human mate choice: How ecology, genes, fertility, and fashion influence our mating behavior. In M. Knauth (Ed.), *Handbook of the evolution of human sexuality* (pp. 125-182). Binghampton, NY: Haworth Press. (2 citations)

Miller, G. F. (2007). Sexual selection. In R. Baumeister & K. Vohs (Eds.), *Encyclopedia of social psychology*. Thousand Oaks, CA: Sage.

Miller, G. F. (2007). A secular humanist death. In J. Brockman (Ed.), *What are you optimistic about? Today's leading thinkers on why things are good and getting better*. New York: Harper Perennial.

Miller, G. F. (2008). Kindness, fidelity, and other sexually-selected virtues. In W. Sinnott-Armstrong (Ed.), *Moral psychology (Vol. 1): The evolution of morality: Adaptations and innateness* (pp. 209-243). Cambridge, MA: MIT Press. (5 citations)

Miller, G. F. (2008). Response to comments. In W. Sinnott-Armstrong (Ed.), *Moral psychology (Vol. 1): The evolution of morality: Adaptations and innateness* (pp. 263-267). Cambridge, MA: MIT Press.

Nagai, M., Suganuma, M., Nijhawan, R., Freyd, J. J., **Miller, G**. **F**., & Watanabe, K. (2010). Conceptual influence on the flash-lag effect and representational momentum. In R. Nijhawan & B. Khurana (Eds.), *Space and time in perception and action* (pp. 366-378). Cambridge, UK: Cambridge U. Press.

Miller, G. F. (2010). Are polygenic mutations and Holocene selective sweeps the only evolutionary-genetic processes left for explaining heritable variation in human psychological traits? In D. M. Buss & P. H. Hawley (Ed.), *The evolution of personality and individual differences*. NY: Oxford U. Press. (1 citation)

Miller, G. F. (2011). Foreword. In A. De Block & P. R. Adriaens (Eds.), *Maladapting Minds: Philosophy, psychiatry, and evolutionary theory*. Oxford U. Press, pp. v-ix.

Miller, G. F. (2011). My background, research interests, and future plans. In X.T. Wang & Su, Y.-J. (Ed.), *Thus spake evolutionary psychologists* (进化心理学家如是说), pp. 320-328. Beijing: Peking University Press.

Miller, G. F. (2011). The personality/insanity continuum. In J. Brockman (Ed.), *This will make you smarter: New scientific concepts to improve your thinking*, pp. 232-234. NY: Harper Perennial.

Miller, G. F. (in press). Twenty-seven thoughts about multiple selves, sustainable consumption, and human evolution (pp. 27-35). In H. Van Trijp (Ed.), *Encouraging sustainable consumption*. Oxford, U.K.: Psychology Press.

Journal Commentaries, Letters, and Abstracts (8 published)

Miller, G. F., & Todd, P. M. (1991). Let evolution take care of its own (Commentary on Clark, 'Modeling behavioral adaptations.). *Behavioral and Brain Sciences, 14*(1): 101-102. (IF 21.95; 4 citations)

Miller, G. F. (1991). Two dynamic criteria for validating claims of optimality (Commentary on Schoemaker, 'The quest for optimality.) *Behavioral and Brain Sciences, 14*(2): 228-229. (IF 21.95; 3 citations)

Freyd, J. J., & **Miller, G. F**. (1992). Creature motion. *Bulletin of the Psychonomic Society, 30*(6), 470. (IF unknown; 17 citations)

Miller, G. F. (1994). Beyond shared fate: Group-selected mechanisms for cooperation and competition in fuzzy, fluid vehicles (Commentary on Wilson & Sober, 'Reintroducing group selection to the behavioral sciences.'). *Behavioral and Brain Sciences, 17*(4), 630-631. ((IF 21.95; 8 citations)

Miller, G. F. (2000). How to keep our meta-theories adaptive: Beyond Cosmides, Tooby, and Lakatos (Commentary on Ketelaar & Ellis, 'Are evolutionary explanations unfalsifiable?'). *Psychological Inquiry, 11*, 42-46. (IF 1.4; 27 citations)

Miller, G. F. (2006). Debating sexual selection and mating strategies (Commentary on Roughgarden, Oishi, & Akcay, Reproductive social behaviour: Cooperative games to replace sexual selection.) *Science, 312*(5774), 693. (IF 31.36).

Miller, G. F. (2011). Optimal drug use and rational drug policy. (Commentary on Müller & Schumannm, 'Drugs as instruments'). *Behavioral and Brain Sciences, 34*, 318-319. (IF 21.95)

Kirov, G., & **Miller, G. F**. (2012). Creativity and mental disorder. (Commentary on Kyaga et al., BJP 2011, 199: 373-379). *British Journal of Psychiatry*, *200*, 347. (IF 5.95).

Book Reviews (8 published)

Miller, G. F. (1994). Review of *From Animals to Animats 2* edited by Meyer, Roitblat, & Wilson, *Biosystems*, *33*, 149-152. (IF 1.48).

Miller, G.F., & Todd, P.M. (1994). Review of *The adapted mind* edited by Barkow, Cosmides, and Tooby, *Adaptive Behavior, 3*(1), 83-95. (IF 1.14).

Miller, G. F. (1997). Review of *Evolution of the social contract* by Brian Skyrms*. Times Literary Supplement,* Aug. 29.

Miller, G. F. (1998). Review of *The handicap principle* by Amotz Zahavi. *Evolution and Human Behavior*, *19*(5), 343-347. (IF 3.65).

Miller, G. F. (2000). Alas, poor scholarship (Review of *Alas, poor Darwin: Arguments against evolutionary psychology* edited by Hilary Rose & Steven Rose). London *Evening Standard*, July 3.

Miller, G. F. (2000). Memetic evolution and human culture. (Lead review of *The meme machine* by Susan Blackmore). *Quarterly Review of Biology*, *75*(4), 434-436. (IF 4.82, 2 citations)

Miller, G. F. (2001). The dark continent of sexual strategies. (Review of *The myth of monogamy* by David Barash and Judith Eve Lipton). *Cerebrum, 3*(3), 113-120.

Miller, G. F. (2004). Review of *Descartes' baby* by Paul Bloom. *Seed* magazine, September.

Articles in Magazines

Miller, G. F. (1996). Political peacocks. *Demos Quarterly*. (8 citations)

Miller, G. F. (1999). Waste: A sexual critique of consumerism. *Prospect* magazine. (12 citations)

Miller, G. F. (2011). Genes fit for a queen: How Kate won her mate. *New Scientist*.

Invited or Refereed Talks (146 given, in 18 U.S. states and 11 other countries: Australia, Austria, Belgium, Britain, Canada, France, Germany, India, Netherlands, New Zealand, Norway)

Talk on adaptive agents, Artificial Life II conference, Santa Fe, New Mexico, 2/1990.

Talk on the failures of function-agnostic psychology, Human Behavior and Evolution Society, Los Angeles, 8/1990.

Talk on simulating the evolution of associative learning, Simulation of Adaptive Behavior conference, 9/1990, Paris, France.

Colloquium on genetic algorithms and neural networks, Gesellschaft für Mathematik und Datenverarbeitung, St. Augustine, Germany, 10/1990.

Talk on adaptive agents, Parallel Problem Solving from Nature Conference, Dortmund, Germany, 10/1990.

Colloquium on adaptively unpredictable behavior, Institut für Psychologie, Universität Salzburg, Austria, 10/1990.

Address on evolutionary psychology, Western Psychological Association, San Francisco, California, 4/1991.

Talk on psychological proteanism, Western Psychological Association, San Francisco, California, 4/1991.

Talk on evolutionary approaches to artificial life, Fourth International Conference on Genetic Algorithms, San Diego, 7/1991.

Talk on simulating sympatric speciation, Fourth International Conference on Genetic Algorithms, San Diego, 7/1991.
Talk on psychological proteanism, Human Behavior and Evolution Society, Hamilton, Ontario, 8/1991.
Talk on psychological proteanism, Psychology, University of Michigan Ann Arbor, 10/1991.
Colloquium on psychological proteanism, Evolution and Human Behavior Program, University of Michigan, 10/1991.
Talk on speciation through sexual selection, Artificial Life III Conference, Santa Fe, NM, 6/1992.
Talk on protean intelligence, American Psychological Society, San Diego, California, 6/1992.
Talk on simulating sexual selection, Monterey Biocomputation Workshop, Monterey, California, 6/1992.
Colloquium on human evolution through sexual selection, Institute for Cognitive and Decision Sciences, University of Oregon, 7/1992.
Talk on hominid encephalization through sexual selection, Human Behavior and Evolution Society, Albuquerque, 7/1992.
Colloquium on human evolution through sexual selection, Human Genetics, University College London, England, 1/1993.
Colloquium on human evolution through sexual selection, Experimental Psychology/Biology, University of Sussex, England, 5/1993.
Talk on human evolution through sexual selection, 'Evolution and the Human Sciences' conference, London School of Economics, 6/1993.
Seminar on human evolution through sexual selection, Rowland Institute for Science, Cambridge, Massachusetts, 8/1993.
Talk on animate motion perception, Human Behavior and Evolution Society, SUNY-Binghampton, New York, 8/1993.
Tutorial on evolutionary computer simulation, Human Behavior and Evolution Society, SUNY-Binghampton, New York, 8/1993.
Talk on human evolution through sexual selection, Primate Society of Great Britain, London, England, 12/1993.
Darwin Seminar on mental evolution through mate choice, London School of Economics, England, 3/1994.
Talk on order and chaos in human courtship, 'Ritual and the Origins of Culture' conference, University College London, England, 3/1994.
Talk on sexual selection and evolutionary computation, AISB Evolutionary Computing Workshop, Leeds University, England, 4/1994.
Talk on sex differences in mental trait variance, Human Behavior and Evolution Society, University of Michigan, 6/1994.
Colloquium on how cognition guides evolution, Santa Fe Institute for Complex Systems, New Mexico, 6/1994.
Talk on sexual selection for language, 'Origins of Language' conference, University of East London, England, 7/1994.
Talk on protean behaviour in pursuit-evasion games, Simulation of Adaptive Behavior conference, Brighton, England, 8/1994.
Talk on mental evolution through mate choice, LSE Philosophy Weekend, Cumberland Lodge, Windsor, England, 11/1994.
Colloquium on mental evolution through mate choice, Psychology Department, St. Andrews University, Scotland, 11/1994.
Talk on mate choice as domain-specific judgment, Max Planck Institute for Psychological Research, Munich, 4/1995.
Talk on Darwinian demographics of culture production, Human Behavior and Evolution Society, U. C. Santa Barbara, 6/1995.

Talk on cues for mate choice, German Psychological Society, Eichstätt, Germany, 3/1996.
Talk on cognitive heuristics for mate choice, Deutsche Forchungsgemeinschaft (DFG), Bonn, 4/1996.
Colloquium on mating games, Centre for Economic Learning and Social Evolution, University College London, 4/1996.
Talk on protean behaviour in primates, Sixth International Primatological Congress, Madison, Wisconsin, 8/1996.
Talk on optimal mate choice, Third Conference on Thinking, University College London, England, 8/1996.
Talk, 'Characterizing psychological adaptations', Ciba Foundation, London, England, 10/1996.
Talk on courtship and cognition, Psychology Department, Oxford University, England, 11/1996.
Symposium on mate choice, Psychology Department, University College London, 1/1997.
Talk on genetic algorithms and evolutionary engineering, Workshop on Technological Evolution, Oxford, England, 1/1997.
Talk on rational mate choice, British Psychological Society Annual Conference, Edinburgh, 4/1997.
Talk on sexual selection for music, Conference on Biomusicology, Florence Italy, 5/1997.
Talk on evolutionary social psychology, BPS Social Psychology Conference, Sussex, England, 9/1997.
Talk on mate choice utility functions, 'Evolution of Utilities and Utility Functions' conference, University College London, 12/1997.
Colloquium on protean behavior in primates, Biological Anthropology, University College London, 1/1998.
Colloquium on mental evolution through mate choice, Biology Department, University of Liverpool, England, 1/1998.
Talk on mate choice for vocabulary size, Second International Conference on the Evolution of Language, London, 4/1998.
Colloquium on mental evolution through mate choice, Psychology Department, University of Warwick, England, 5/1998.
Talks on equilibrium selection in evolutionary game theory, Human Behavior and Evolution Society conference, U.C. Davis, 6/1998.
Talk on mate choice for vocabulary size, Human Behavior and Evolution Society conference, U.C. Davis, 6/1998.
Seminar on mental evolution through mate choice, Cognitive Evolution Group, University of Reading, England, 3/1999.
Colloquium on mental evolution through mate choice, Biopsychology Program, City University of New York, 3/1999.
Master's Seminar on the evolution of culture, Balliol College, Oxford University, England, 5/1999.
Talk on sexual signalling and social policy, 'Signs of Quality' workshop, Institute of Zoology, London, 12/1999.
Talk on sexual selection for intelligence-indicators, Novartis Foundation Symposium 'The nature of intelligence', London, 12/1999.
Talk on sex differences and business, 'A question of balance' workshop, University of North London, England, 1/2000.
Talk on marketing and human nature, 'Biology in the Boardroom' conference, Cambridge University, England, 1/2000.
Public lecture on the mating mind, Hay-on-Wye Literary Festival, England, 5/2000.
Talk on human nature and conspicuous consumption, Gruter Institute conference on evolution and business, Squaw Valley, California, 6/2000.

Talk on pleiotropic mutation theory of the *g* factor, Human Behavior and Evolution Society, Amherst, Massachusetts, 6/2000.
Talk on mental fitness indicators, 'Evolution and innateness' conference, London, 9/2000.
Talk on evolutionary psychology of leadership, The biopsychology of humane leadership conference, Philadelphia, 9/2000.
Marschack Colloquium on mental fitness indicators, UCLA, 10/2000.
Colloquium on the mating mind, Anthropology Dept., UCLA, 10/2000.
Keynote talk on sexual selection and creativity, British Academy 'Evolution and Creativity' conference, London, 10/2000.
Talk on sexual selection and sexual motivation, Los Angeles Psychoanalytic Institute, 11/2000.
Colloquium on the mating mind, Psychology, UC Santa Barbara, 12/2000.
Public lecture on the mating mind, University of Amsterdam, 2/2001
Job Talk on mate choice heuristics, Psychology Department, University of New Mexico, 2/2001.
Friday Evening Discourse on the mating mind and Darwinian marketing, Royal Institution, London, 3/2001.
Darwin Seminar on the mating mind and language evolution, London School of Economics, 5/2001.
Colloquium on mental fitness indicators, Psychology, Edinburgh University, Scotland, 5/2001.
Talk on sexual selection and schizophrenia, Evolution and Emotions Group, King's College London, 5/2001.
Talk on mental fitness indicators and extra-terrestrial intelligence, 'Fine-tuning in biological systems' conference, Windsor Castle, London, 9/2002.
Toyota Lecture on Darwinian aesthetics, Art Center College of Design, Pasadena, California, 10/2002.
Public lecture on the mating mind, Museum of New Zealand, Wellington, New Zealand, 11/2002.
Colloquium on mental fitness indicators, Psychology, University of Canterbury, Christchurch, New Zealand, 11/2002.
Colloquium on the mating mind, Psychology Department, University of Arizona, 2/2003.
Colloquium on mental fitness indicators and ovulatory cycle effects, Cognitive Neuroscience Centre, University College London, 6/2003
Talk on humor as a mental fitness indicator, Human Behavior and Evolution Society, University of Nebraska, Lincoln, 6/2003.
Address on the mating mind, American Psychological Association, Toronto, Canada, 8/2003.
Talk on ovulatory cycle effects on mate preferences for creativity, Evolution and Human Behavior Colloquium, University of Michigan, 10/2003.
Talk on ovulatory cycle effects on mate choice, Psi Chi (Psychology Honors Society), University of New Mexico, 11/2003.
Colloquium on mental fitness indicators, Human Evolutionary Behavioral Sciences, University of New Mexico, 12/2003.
Colloquium on mental fitness indicators, Cognitive and Decision Sciences, University of Oregon, 12/2003.
Talk on sexual selection for moral virtues, Conference on the Evolution of Morality, Dartmouth College, New Hampshire, 5/2004.
Talk on pleiotropic mutations and genetic correlations, Human Behavior and Evolution Society conference, Berlin, Germany, 6/2004.
Talk on sexual selection and schizophrenia, Psychiatry Department, University of New Mexico, 3/2005.
Talk on vaginismus as an anti-copulation defense, Human Behavior and Evolution Society, Austin, Texas, 6/2005.

Talk on mate choice heuristics, Max Planck Institute for Human Development, Berlin, Germany, 10/2005.
Talk on mate choice for intelligence, International Society for Intelligence Research, Albuquerque, 12/2005.
Colloquium on the general fitness factor, Virginia Institute for Psychiatric and Behavioral Genetics, Richmond, VA, 3/2006.
Colloquium on sexual selection and schizophrenia, Psychiatry, Virginia Commonwealth University, Richmond, VA, 3/2006.
Colloquium on sexual selection and creativity, Humanities, Southern Utah University, Cedar City, Utah, 10/2006.
Colloquium on mental fitness indicators, Psychology, New Mexico State University, 11/2006.
Talk on sexual selection, creativity, and schizophrenia, Conference on Love and Sex, University of Amsterdam, 6/2007.
Public lecture on sex, creativity, and art, and discussion with David Byrne, Institute of Contemporary Art, Boston, 10/2007.
Talk on evolutionary consumer psychology, Society for Personality and Social Psychology conference, Albuquerque, 2/2008.
Talk on the evolution of intelligence and creativity, Indian Institute of Science, Bangalore, India, 2/2008.
Plenary talk on sexual selection and creativity, P. M. Bhargava Foundation, CCMB, Hyderabad, India, 2/2008.
Talk on human mental evolution, University of Hyderabad, India, 2/2008.
Talk on sexual selection and schizophrenia, Association of Hyderabard Psychiatrists, Hyderabad, India, 2/2008.
Talk on mutual mate choice under monogamy, Behavior Genetics Association, Louisville Kentucky, 6/2008.
Colloquium on mental fitness indicators, Psychology Department, Harvard University, 10/2008.
Colloquium on mutual mate choice under monogamy, Anthropology Department, Harvard University, 10/2008
Colloquium on mental fitness indicators, Psychology Department, Brandeis University, 10/2008.
Talk on evolutionary consumer psychology, Marketing Unit, Harvard Business School, 10/2008.
Plenary talk on mental fitness indicators, Darwin conference, Melbourne, Australia, 2/2009.
Public lecture on evolution and conspicuous consumption, Darwin conference, Melbourne, Australia, 2/2009.
Talk on the mating mind, Writers at the Convent literary festival, Melbourne, Australia, 2/2009.
Colloquium on evolutionary genetics of mental fitness indicators, Queensland Institute of Medical Research, Brisbane, Australia 3/2009.
Public lecture on evolutionary consumer psychology, Mechanics Institute, San Francisco, 5/2009.
Public lecture on evolutionary consumer psychology, Town Hall, Seattle, 5/2009.
Public lecture on evolutionary consumer psychology, Ilahee Institute, Portland, 5/2009.
Colloquium on mental fitness indicators, Psychology Department, University of Queensland, 6/2009.
Public lecture on evolutionary consumer psychology, Darwin 2009 conference, University of Bergen, Norway, 8/2009.
Public lecture on evolutionary consumer psychology, Darwin's 2009 conference, Oslo, Norway, 8/2009.
Plenary talk on mate choice for mental fitness indicators, Association for the Study of Animal Behavior, University of Oxford, 9/2009.
Public lecture on evolutionary consumer psychology, Studium Generale Groningen, University of Groningen, Netherlands, 9/2009.

Talk on evolutionary consumer psychology, Institute for Practitioners of Advertising, London, 9/2009.
Lecture on evolutionary consumer psychology, McCann-Erickson ad agency, Brussels Belgium, 9/2009
Lecture on mental fitness indicators, Tilburg University, Tilburg, Netherlands, 10/2009
Lecture and Workshop on evolutionary consumer psychology, Procter & Gamble, Cincinnati, Ohio, 10/2009.
Talk on ovulatory cycle effects on tip earnings, Association for Consumer Research, Pittsburgh, 10/2009.
Talk on sex, mutations, and marketing, Seminar on Darwin, leadership, and management. London Business School, 1/2010.
Talk on mental fitness indicators, Psychology, University of Edinburgh, Scotland, 2/2010.
Talk on evolution and consumerism, Michigan Meeting on consumer behaviour, University of Michigan, Ann Arbor, 5/2010.
Public talk on evolution and consumerism, TEDxABQ conference, Albuquerque, 9/2010.
Keynote talk on evolution and consumerism, Warm Gun: Designing happiness conference, San Francisco, 10/2010.
Webinar on evolution, consumerism, and sustainability, Environmental Protection Agency (EPA) Division 10, 2/2011.
Talk on evolution and consumerism. Behavioral Science Conference, Yale School of Management, 5/2011.
Talk on the evolutionary psychology of sustainable, humane architecture. American Institute of Architecture, Albuquerque Chapter, 10/2011.
Talk on mate choice, intelligence, and creativity. Ciudad de las Ideas, Puebla, Mexico, 11/2011.
Talk on sex, evolution, and intelligence-indicators. Behavioral Sciences Group, Warwick Business School, U.K., 3/2012.
Talk on sexual selection, moral virtues, and business ethics. Paduano Research Symposium, Stern School of Business, New York University, 4/2012.
Talk on sexual evolution, consumerism, and sustainable signalling. Rethinking G20 conference, G20 Summit, Los Cabos,, Mexico, 6/2012.
Talk on sexual evolution, intelligence, and the future of consumerism. Psychology Department, Brunel University, London, 7/2012.
Talk on sexual evolution and contraception. DKT International Director's Conference, Lisbon, Portugal, 10/2012.
Talk on the smartphone revolution in psychology. Society for Experimental Social Psychology, Austin Texas, 10/2012.
Talks on evolutionary consumer behaviour. CMI Masterclasses, Unilever: London, Singapore, New Jersey, 10-11/2012.
Talk on genetic identity. Ciudad de las Ideas, Puebla, Mexico, 11/2012.
Talk on evolutionary psychology and behavioural economics. City University London, 1/2013.
Talk on mental fitness indicators. SUNY-New Paltz, New York, 2/2013.

Talk on evolutionary consumer psychology, Marketing Department, NYU Stern Business School, 2/22/2013. (scheduled)
Talk on mate choice. Decision Processes Colloquium, The Wharton School, U. Pennsylvania, 2/25/2013 (scheduled).
Talk on mental fitness indicators, Psychology Dept., University of Pennsylvania, 2/26/2013 (scheduled).
Talk on evolutionary consumer psychology, Society for Consumer Psychology, 3/2/2013 (scheduled).

Talk on mental fitness indicators. Psychology Department, Yale University, 3/5/2013 (scheduled).
Talk on smartphone psychology. Berkman Center for Internet and Society, Harvard University, 3/12/2013 (scheduled).
Plenary talk on evolutionary psychology and law. Society for Evolutionary Analysis in Law, U. Pennsylvania, 4/5/2013. (scheduled).
Talk on evolutionary consumer psychology. Darwin's Business Conference, NYU Stern Business School, New York, 4/19/2013 (scheduled).

Symposium on smartphone psychology, Association for Psychological Science, Washington DC, 5/2013 (planned).
Talk at Behavior Genetics Association, Marseilles, France, 6/2013 (planned).
Talk at Human Behavior and Evolution Society Conference, Miami Beach, Florida, 7/2013 (planned).
Talk on origins of art. Museum of Old and New Art, Tasmania, 7/2013 (planned).

Mentoring:

Post-Doctoral Advisement:
Paul Andrews; 2002-2003; Projects on social cognition, emotional pain, depression, and parasuicide.

Doctoral Advisement:
Jon Sefcek; co-advisor, Psychology (University of Arizona), 2006; Dissertation: Human intelligence and life history theory.
Yann Klimentidis; co-advisor, Anthropology, 2008; Dissertation: Genetic admixture and ethnic ancestry among Hispanic and Native Americans in New Mexico.
Gil Greengross, co-advisor, Anthropology, 2008; Dissertation: In search of Homo humorus: Personality, health, humor styles, and humor as a mental fitness indicator in stand-up comedians and the rest of us.
Joshua Tybur; main advisor, 2009; Dissertation: Disgust dissected: An investigation of the validity of the three domain disgust scale.
Ilanit Tal; main advisor, 2009; Dissertation: The role of major histocompatibility complex genes in human kin recognition and mate preferences.
Laura Dane; main advisor 2009; Dissertation: An analysis of the sexual dimorphism of hands: Attractiveness, symmetry, and person perception.
Ethan White; co-advisor, 2009. Dissertation: Verbal creativity, mate value, and sexual selection.
Michael Church; co-advisor, Anthropology, 2012. A quantitative analysis of Renaissance Italian palaces as forms of conspicuous consumption.
Helen Davis, co-advisor, Anthropology, expected completion 2013; Correlates of general intelligence among the Tsimane in Bolivia.
Chris Jenkins, main advisor, expected completion 2013; Capacities for rhythm entrainment and creativity as mental fitness indicators.

Bachelor's Honors Advisement:
Dinah Caruthers, 2002; B.A.; Ovulatory cycle effects on women's preferences for male sense of humor.
Mark Prokosch, 2003; B. A.; co-advisor with Ron Yeo; Intelligence and body symmetry.
Paul Swegel, 2005; B.A.; Mate choice, creativity, and schizotypy.
Callista Winegar, 2013 (expected); B.A.: Ovulatory cycle effects on tip earnings by waitresses.

Undergraduate Student Mentoring:

Zack Mendenhall; 2007 – 2008; Project on conspicuous consumption in massively multiplayer online computer games.

Paul Hooper; 2004 –2008; Project on evolutionary computer simulations of mutual mate choice and costly displays.

Brent Jordan; 2004 – 2008; McNair Program scholar; Project on ovulatory cycle effects on tip earnings by female night club workers.

Andrea Levine; 2005 – 2006; Project on quantitative content analysis of visual erotica.

Anne Caldwell; 2006 – 2008; Project on rates and forms of depression among adolescent Tsimane females in Bolivia.

Also, about 30 other undergraduates have taken Psych 499 research credit hours with me since 2001.

Teaching:

Before UNM:

1990 Fall; Stanford University; Evolution and cognition; c. 10 students.

1995 Spring; U. Nottingham, England; Psychology research methods; c. 20 students.

1995 Spring; U. Nottingham, England; Social psychology, c. 90 students.

1998 Spring; University College London; Human behavioural ecology, c. 80 students.

2000 Fall; U.C.L.A.; Marketing, advertising, and human nature, c. 80 students.

2000 Fall; U.C.L.A.; Animal communication; c. 30 students.

At UNM:

Notes: All of my UNM course syllabi are available through the HBES website and my personal website.

(Fall 2001 through Fall 2007 course ratings are on a scale from 1 (very poor) to 6 (excellent); my average scores of 5.5 to 5.9 are well above average compared to other psychology courses; the three successive rating means are for ‘course content’, ‘instructor’, and ‘course overall’.)

2001 Fall; Products and preferences; Psych 450/650 graduate seminar; 10 students. Ratings: 5.7, 5.9, 5.7

2002 Spring; Social psychology and evolution; Psych 450/650 graduate seminar; 16 students. Ratings: 5.1, 5.6, 5.0

2002 Fall; Social psychology; Psych 271 undergraduate lecture course; 156 students. Ratings: 5.4, 5.5, 5.3

2002 Fall; Mate choice research; Psych 450/650 graduate seminar; 7 students. (No ratings collected).

2003 Spring; Social psychology; Psych 271 undergraduate lecture course; 104 students. Ratings: 5.6, 5.7, 5.6

2003 Spring; Human emotions; Psych 450/650 graduate seminar (co-taught with Paul Andrews); 8 students. Ratings: 5.3, 5.7, 5.3

2003 Fall; Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 81 students. Ratings: 5.7, 5.8, 5.7

2003 Fall: Evolution, psychopathology, and health; Psych 450/650 graduate seminar; 9 students (+3 auditing). Ratings: 5.8, 5.8, 5.8

2004 Fall; Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 74 students. Ratings: 5.7, 5.7, 5.7

2004 Fall: Behavior genetics; Psych 450/650 graduate seminar; 13 students. Ratings: 5.8, 5.8, 5.8
2005 Spring; Psychology of human sexuality; Psych 231 undergraduate lecture course; 138 students. Ratings: 5.6, 5.7, 5.7
2005 Spring; Social interaction; Psych 578 graduate seminar; 22 students. Ratings: 4.6, 5.1, 4.7
2006 Spring; Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 69 students. Ratings: 5.7, 5.7, 5.6
2006 Spring; Human Emotions; Psych 450/650 graduate seminar; 11 students. Ratings: 5.5, 5.8, 5.6
2006 Fall; Styles of Scientific Argument; Psych 450/650 graduate seminar; 16 students. Ratings: 5.8, 5.9, 5.9
2007 Spring; Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 63 students. Ratings: 5.8, 5.9, 5.9
2007 Spring; Personality Traits and Personality Disorders; Psych 450/650 graduate seminar; 6 students. (No ratings collected).
2007 Fall; Psychology of human sexuality; Psych 231 undergraduate lecture course; 131 students. (Ratings: 5.6, 5.7, 5.6).
2007 Fall; Intelligence and creativity; Psych 450/650 graduate seminar; 21 students. (Ratings: 5.8, 5.9, 5.8).

(Note: Spring 2008 and onwards course ratings are on a scale from 1 (very poor) to 5 (excellent); my average scores of 4.4 to 4.8 are well above average compared to other psychology courses; the two successive rating means are for 'teacher' and 'course'.)
2008 Spring: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 70 students.
2008 Spring: Advanced evolutionary psychology; Psych 450/650 graduate seminar.
(Fall 2008 – Spring 2009: on sabbatical)
2009 Fall: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 67 students. (Ratings: 4.5, 4.4)
2009 Fall: Consumer behaviour; Psych 450/650 advanced undergraduate lecture course; 78 students. (Ratings: 4.6, 4.6)
2010 Spring: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 70 students. (Ratings: 4.7, 4.8)
2010 Fall: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; 80 students. (Ratings: 4.8, 4.8)
2011 Spring: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; c. 75 students.
2011 Fall: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; c. 75 students. (Ratings: 4.7, 4.7).
2012 Spring: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; c. 70 students. (Ratings: 4.9, 4.8).
2012 Spring: Human Emotions. Psych 450/650 graduate seminar; c. 18 students. (Ratings: 4.9, 4.8).
2012 Fall: Evolution, brain, and behavior; Psych 342 undergraduate lecture course; c. 75 students. (Ratings: pending).
2012 Fall: Human Emotions. Psych 450/650 graduate seminar; c. 10 students. (Ratings: pending).

Teaching awards: Three times nominated for Outstanding Teacher of the Year at University of New Mexico, and once nominated for the Presidential Teaching Fellow Award.

At NYU:
2013 Spring: Evolution and Business. Course for MBA students, co-taught with Jonathan Haidt and David Sloan Wilson.

Service:

Reviewing:
On the editorial boards of the journals:

- *Evolutionary Psychology*, 2006 – present.
- *Intelligence*, 2007 – present.
- *Frontiers in Evolutionary Psychology,* 2010 – present.
- *Human Nature*, 2003 – 2006.

Ad hoc reviewer for 44 other journals: *Adaptive Behavior, American Journal of Human Biology, Behavioral and Brain Sciences, Behavioral Ecology, Behavioral Ecology and Sociobiology, Biology Letters, Biological Psychology, BioSystems*, *BMC Evolutionary Biology*, *Brain, Behavior, and Evolution*, *British Journal of Social Psychology, Communicative and Integrative Biology, Comprehensive Psychiatry, Current Biology, Current Directions in Psychological Science, Economics and Human Biology, Ethology, European Journal of Social Psychology, Evolution and Human Behavior, Experimental Aging Research, Journal of Affective Disorders, Journal of Applied Social Psychology, Journal of Economic Behavior and Organization, Journal of Experimental Social Psychology, Journal of Marketing, Journal of Personality and Social Psychology, Journal of Sports Sciences, Journal of Theoretical Biology, Journal of Trauma and Dissociation, New Media & Society, Personality and Individual Differences, Personality and Social Psychology Bulletin, Personality and Social Psychology Review, PLoS One, Proceedings of the National Academy of Sciences (PNAS), Proceedings of the Royal Society of London B, Psychological Bulletin, Psychological Review*, *Psychological Science*, *Psychophysiology*, *Review of General Psychology, Trends in Cognitive Sciences, Theory in Psychology*, *WIREs Cognitive Science*.
Reviewed book proposals for Oxford U. Press, Cambridge U. Press, Columbia U. Press, MIT Press, U. Chicago Press, etc.
Reviewed grant proposals for National Science Foundation.
Program committee, Simulation of Adaptive Behavior conferences, 1994 through 1998.

Outreach to promote the public understanding of science:
My research has been covered fairly widely through print stories, radio interviews, and TV documentaries. Print coverage has included features and/or book reviews in *Nature, Science, The New York Times, The Washington Post, The Economist, New Scientist, Science News, SEED magazine, Psychology Today, Experience Life, Details, Allure, Cosmopolitan, Fast Company, BusinessWeek.com, CNB.com, Time.com, The Globe and Mail* (Toronto), *Der Spiegel* (Berlin), *Aftonbladet* (Sweden), *South China Morning Post* (Hong Kong), *Sydney Morning Herald* (Australia), *Veja* (Rio de Janeiro), and the UK newspapers *The Observer, The Financial Times, The Independent, The Guardian, The Daily Telegraph, The Daily Express*, *The Mail on Sunday*, *The Irish Times*, etc. Radio coverage has included BBC World Service, BBC Radio channels 3, 4, and 5, National Public Radio (US), Air America Radio, South African National Radio, Australian National Radio, Canadian National Radio, Radio New Zealand, etc. TV science documentaries including interviews with me have aired on CNN, PBS, Discovery

Channel, The Learning Channel, National Geographic Channel, BBC, Channel 4 (UK), Dutch TV, and Japanese TV.

UNM Committee Work:

- Psychology Department Webmaster (2012-present)
- Extended University Money Allocation Committee (chair, 2011-present)
- College IRB/Human Subjects committee (member, 2010-present)
- Colloquium committee (head, 2004-2005, 2007-2008, 2009-2010)
- Admissions committee (2007-2008)
- Departmental Human Subjects/IRB Committee (member, 2004-2005)
- Human Evolutionary Behavioral Sciences (HEBS) steering committee (member, 2001-2003)
- Vision Committee (member, 2002)
- Mentoring Committee (member, 2002)

Meetings Organized:

Novartis Foundation Symposium on "The nature of intelligence: Reconciling behaviour genetics and evolutionary psychology," London, December 1999. About 25 invited speakers/participants.

Workshop on "Signs of quality: The handicap principle in biology, economics, and culture", London Zoological Society, December 1999. About 10 invited speakers and 100 participants.

Conference on "The evolution of utilities and utility functions: Biological foundations of economics," University College London, December 1997. About 20 invited speakers and 120 participants.

Two symposia for the British Psychological Society Annual Conference, titled "Evolution, rationality, and social games", and "Sex, kids, and death threats: The evolutionary psychology of domain-specific decision-making", April 1997.

Workshop on "Genetic Algorithms and Artificial Life" at the Fourth International Conference on Genetic Algorithms, U.C. San Diego, July, 1991.

Consulting work

Unilever (London, Singapore), 2012
TipTap (Cambridge, MA), 2012
DKT International (Lisbon), 2012
Brandmixer (Phoenix), 2012
Thriveplan (Cincinnati), 2012
Procter & Gamble (Cincinnati), 2009 - 2010
Publicis (New York), 2009
McCann-Erickson Worldgroup (London), 2009
DDB (London), 2009
Mindset Media (New York), 2009
David DeAngelo Communications (Los Angeles), 2009
Coca-Cola (Atlanta), 2007
Noxell/Covergirl (Maryland), 2007
Vulcan Inc. (Seattle), 2004
Sainsbury's (London), 1998-1999

Professional Society Memberships

(held at various points 1992 – present)

American Marketing Association
American Psychological Association
APA Division 8: Society for Personality and Social Psychology
APA Division 10: Psychology and the Arts
APA Division 23: Society for Consumer Psychology
American Psychological Society
Animal Behavior Society
Association for Consumer Research
Human Behavior and Evolution Society
Society for Judgment and Decision-Making
Society for the Study of Evolution

Professional Recognition, Honors, etc.
Fellow, Association for Psychological Science, elected July 2009.
Ig Nobel Prize in Economics, 2008, for the paper "Ovulatory cycle effects on tip earnings by lap-dancers"
Fulbright Distinguished International Visitor grant, 2002, from the Royal Society of New Zealand.

Social Media Impact Metrics (as of Jan., 2013)

- Klout score: 64
- Active on: facebook, facebook author page, twitter, linkedin, goodreads, amazon author central
- Twitter followers (@matingmind): >1,400
- Blog: http://www.psychologytoday.com/blog/pleiotrope

References

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Gerd Gigerenzer, Professor and Director, Center for Adaptive Behavior and Cognition
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Rory Sutherland, Vice Chairman, Ogilvy & Mather UK
Honorary Professor, Warwick Business School, UK
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