

NOTES

2. Brains in Pink and Blue?

1. S. J. Gould, *The Mismeasure of Man* (New York: Norton, 1981).
2. A. Eisenberg, "Women and the Discourse of Science," *Scientific American*, July 1992.
3. B. Pease and A. Pease, *Why Men Don't Listen and Women Can't Read Maps* (New York: Broadway, 2002).
4. M. Gurian, P. Henley, and T. Trueman, *Boys and Girls Learn Differently: A Guide for Teachers* (San Francisco: Jossey-Bass, 2001).
5. L. Sax, *Why Gender Matters: What Parents and Teachers Need to Know About the Emerging Science of Sex Differences* (New York: Doubleday, 2005), 19–21.
6. J. Gray, *Men Are from Mars, Women Are from Venus: A Practical Guide for Improving Communication and Getting What You Want in Your Relationships* (New York: HarperCollins, 1993).
7. M. Liberman, "Neuroscience in the Service of Sexual Stereotypes," *Language Log*, <http://itre.cis.upenn.edu/~myl/language-log/archives/003419.html>.

Notes

8. D. S. Weisberg, F. C. Keil, J. Goodstein, E. Rawson, and J. R. Gray, "The Seductive Allure of Neuroscience Explanations," *Journal of Cognitive Neuroscience* 20, no. 3 (2008): 470–477.
9. J. Gabriel, *The Truth About Girls and Boys*, http://www.brainconnection.com/content/91_1. 2001.
10. M. D. Devous, D. Altuna, N. Furl, W. Cooper, G. Gabbert, W. T. Ngai, et al., "Maturation of Speech and Language Functional Neuroanatomy in Pediatric Normal Controls," *Journal of Speech, Language, and Hearing Research* 49, no. 4 (2006): 856–866.
11. R. K. Lenroot, N. Gogtay, D. K. Greenstein, E. M. Wells, G. L. Wallace, L. S. Clasen, et al., "Sexual Dimorphism of Brain Developmental Trajectories During Childhood and Adolescence," *NeuroImage* 36 (2007): 1065–1073.
12. NationalAssociationforSingleSexPublicEducation. <http://www.singlesexschools.org/research-brain.htm>.
13. R. K. Lenroot, personal communication, August 3, 2009.
14. V. J. Schmithorst and S. K. Holland, "Sex Differences in the Development of Neuroanatomical Functional Connectivity Underlying Intelligence Found Using Bayesian Connectivity Analysis," *NeuroImage* 35, no. 1 (2007): 406–419.
15. R. J. Haier, R. E. Jung, R. A. Yeo, K. Head, and M. T. Alkire, "The Neuroanatomy of General Intelligence: Sex Matters," *NeuroImage* 25, no. 1 (2005): 320–327.

3. More Pink and Blue

1. S. Baron-Cohen, *The Essential Difference: The Truth About the Male and Female Brain* (New York: Basic Books, 2003).
2. E. S. Spelke, "Sex Differences in Intrinsic Aptitude for Mathematics and Science? A Critical Review," *American Psychologist* 60, no. 9 (2005): 950–958.
3. "Girls Prefer Dolls (to Blocks and Toys)," *Parents* magazine, June 2007.

4. "The Difference Between Boys and Girls," *Parents* magazine, March 2006.
5. C. D. de Lacoste-Utamsing and R. L. Holloway, "Sexual Dimorphism in the Human Corpus Callosum," *Science* 216, no. 4553 (1982): 1431-1432.
6. C. Gorman and M. J. Nash, "Sizing Up the Sexes," *Time*, January 20, 1992.
7. "The New Science of the Brain: Why Men and Women Think Differently," *Newsweek*, March 27, 1995.
8. A. Fausto-Sterling, *Sexing the Body: Gender Politics and the Construction of Sexuality* (New York: Basic Books, 2000).
9. K. M. Bishop and D. Wahlsten, "Sex Differences in the Human Corpus Callosum: Myth or Reality?" *Neuroscience and Biobehavioral Review* 21, no. 5 (1997): 581-601.
10. Ibid.
11. L. Eliot, *Pink Brain, Blue Brain* (New York: Houghton Mifflin Harcourt, 2009).
12. "The Difference Between Boys and Girls," *Parents* magazine, March 2006.
13. L. Brizendine, *The Female Brain* (New York: Broadway Books, 2006).
14. S. Orbach and J. Schwartz, "Playing the Gender Game: Why Are Little Boys Slugs and Snails While Little Girls Are All Things Nice?" *Guardian*, June 11, 1997.
15. R. A. Fabes and N. Eisenberg, "Meta-analyses of Age and Sex Differences in Children's and Adults' Prosocial Behavior," in W. Damon, ed., *Handbook of Child Psychology*, 5th ed., vol. 3, *Social, Emotional, and Personality Development*, ed. N. Eisenberg (New York: Wiley, 1998).
16. J. B. Miller, *Toward a New Psychology of Women* (Boston: Beacon Press, 1976).
17. S. E. Snodgrass, "Further Effects of Role Versus Gender on Interpersonal Sensitivity," *Journal of Personality and Social Psychology* 62, no. 1 (1992): 154-158.

Notes

18. T. Canli, J. E. Desmond, Z. Zhao, and J. D. Gabrieli, "Sex Differences in the Neural Basis of Emotional Memories," *Proceedings of the National Academy of Sciences* 99 (2002): 10789–10794.
19. S. Connor, "Men Aren't Heartless, It's All in the Mind," *Independent*, London, July 23, 2002.
20. M. Dowd, "What's a Modern Girl to Do?" *New York Times Magazine*, October 30, 2005, 50.
21. D. Brooks, "Is Chemistry Destiny?" *New York Times*, September 17, 2006.
22. L. Brizendine, *The Female Brain* (New York: Broadway Books, 2006).
23. R. M. Henig, "Taking Play Seriously," *New York Times*, February 17, 2008.
24. M. A. Strauss, "Physical Assaults by Women Partners: A Major Social Problem," in M. R. Walsh, ed., *Women, Men, and Gender: Ongoing Debates*, 210–221 (New Haven, Conn.: Yale University Press, 1997).
25. N. R. Crick, M. A. Bigbee, and C. Howes, "Gender Differences in Children's Normative Beliefs About Aggression: How Do I Hurt Thee?" *Child Development* 67 (1996): 1003–1014.
26. K. Osterman, K. Bjorkqvist, M. J. Dirsti, A. K. Lagerspetz, S. F. Landau, A. Fraczek, and G. V. Caprara, "Is Indirect Aggression Typical of Females? Gender Differences in Aggressiveness in 11- to 12-Year-Old Children," *Aggressive Behavior* 14 (1998): 403–414.
27. M. Gurian, *The Wonder of Boys: What Parents, Mentors, and Educators Can Do to Shape Boys Into Exceptional Men* (Toronto: Penguin, 2006).
28. M. Gurian, *The Wonder of Girls: Understanding the Hidden Nature of Our Daughters* (New York: Pocket Books, 2002).
29. S. Rhoads, *Taking Sex Differences Seriously* (New York: Encounter Books, 2004).
30. J. Edwards, "Science? Psychology? Religion?" Review of M. Gurian, *The Wonder of Girls: Understanding the Hidden Nature of Our Daughters*, Culture Cartel.com, February 7, 2002.

31. G. Swainson, "Girls Not Wired for Science, Author Claims," *Toronto Star*, January 10, 2002.
32. "They're Too Smart for These Guys," *Chicago Sun Times*, December 15, 2005.
33. "Are Men Insecure or Are They Merely Intimidated?" *Toronto Star*, January 7, 2005.
34. J. Schwartz, "Glass Ceilings at Altar As Well As Boardroom," *New York Times*, December 14, 2004.
35. "Too Smart to Marry?" *Atlantic*, April 2005.
36. M. Dowd, "Men Just Want Mommy," *New York Times*, January 13, 2005.
37. M. D. Taylor, C. L. Hart, G. D. Smith, L. J. Whalley, D. J. Hole, V. Wilson, et al., "Childhood IQ and Marriage by Mid-Life: The Scottish Mental Survey 1932 and the Midspan Studies," *Personality and Individual Differences* 38, no. 7 (2005): 1621-1630.
38. S. L. Brown and B. P. Lewis, "Relational Dominance and Mate-Selection Criteria: Evidence That Males Attend to Female Dominance," *Evolution and Human Behavior* 25 (2004): 406-415.
39. G. K. Baruch, C. Rivers, and R. C. Barnett, *Lifeprints: New Patterns of Love and Work for Today's Women* (New York: New American Library, 1983).
40. V. K. Oppenheimer, "Women's Employment and the Gain to Marriage: The Specialization and Trading Models," *Annual Review of Sociology* 23 (1997): 431-453; H. Boushey, *Are Mothers Really Leaving the Workplace?* (Washington, D.C.: Council on Contemporary Families and the Center for Economic and Policy Research, 2006).
41. Boushey, *Are Mothers Really Leaving the Workplace?*
42. J. S. Hyde, J. D. DeLamater, and A. M. Durik, "Sexuality and the Dual-Earner Couple, Part II: Beyond the Baby Years," *Journal of Sex Research* 38, no. 1 (2001): 10-23.
43. A. C. Huston and S. R. Aronson, "Mothers' Time with Infant and Time in Employment as Predictors of Mother-Child Relationships and Children's Early Development," *Child Development* 76, no. 2 (2005): 467.

Notes

44. M. F. Belenky, B. M. Clinchy, N. R. Goldberger, and J. M. Tarule, *Women's Ways of Knowing: The Development of Self, Voice, and Mind* (New York: Basic Books, 1986).
45. V. Gornick, "Woman as Outsider," in V. Gornick and B. K. Moran, eds., *Woman in Sexist Society*, 137–144 (New York: Basic Books, 1971).
46. A. Eisenberg, "Women and the Discourse of Science," *Scientific American*, July 1992.
47. D. F. Halpern, *Sex Differences in Cognitive Abilities* (Mahwah, N.J.: Earlbaum, 2000).
48. D. F. Halpern, personal communication, August 17, 2009.
49. A. H. Eagly, M. C. Johannesen-Schmidt, M. van Engen, and L. Marloes, "Transformational, Transactional, and Laissez-faire Leadership Styles: A Meta-Analysis Comparing Women and Men," *Psychological Bulletin* 129, no. 4 (2003): 569–591.
50. R. J. Haier, R. E. Jung, R. A. Yeo, K. Head, and M. T. Alkire, "The Neuroanatomy of General Intelligence: Sex Matters," *NeuroImage* 25, no. 1 (2005): 320–327.

4. Math Wars

1. D. Blum, "Solving for XX: What Science Can (and Can't) Tell Larry Summers About the Difference Between Men and Women," *Boston Globe*, January 23, 2005.
2. K. Parker, "Larry Summers and the Thought Police," *Real Clear Politics*, 2007.
3. S. Quinn, "The Misguided Mathematics of Equating Women and Men," *Washington Post*, February 19, 2005.
4. G. Will, "Damned Lies and . . ." *Newsweek*, March 29, 1999.
5. "Summertime Blues," *Financial Times*, February 9, 2005.
6. C. P. Benbow and J. C. Stanley, "Sex Differences in Mathematical Ability: Fact or Artifact?" *Science* 210 (1980): 1262–1264.
7. "Are Boys Better at Math?" *New York Times*, December 7, 1980.

8. "The Gender Factor in Math," *Time*, December 15, 1980.
9. A. Fausto-Sterling, *Myths of Gender: Biological Theories About Men and Women* (New York: Basic Books, 1985).
10. L. Fox, "Sex Differences Among the Mathematically Precocious," *Science* 224 (1984): 224.
11. V. Valian, *Why So Slow? The Advancement of Women* (Cambridge, Mass.: MIT Press, 1999).
12. G. Swainson, "Girls Not Wired for Science, Author Claims," *Toronto Star*, January 10, 2002.
13. A. Hermann, "Girls, It Seems, Will Be Girls," *Chicago Tribune*, February 17, 2002.
14. E. S. Spelke, "Sex Differences in Intrinsic Aptitude for Mathematics and Science? A Critical Review," *American Psychologist* 60, no. 9 (2005): 950-958.
15. A. Gopnik, "Your Baby Is Smarter Than You Think," *New York Times*, August 16, 2009.
16. L. Schulz and E. B. Bonawitz, "Serious Fun: Preschoolers Engage in More Exploratory Play When Evidence Is Confounded," *Developmental Psychology* 43, no. 4 (2007): 1045-1050.
17. J. S. Hyde and J. E. Mertz, "Gender, Culture, and Mathematics Performance," *Proceedings of the National Academy of Sciences, USA* 106, no. 22 (2009): 8801-8807.
18. Ibid..
19. Ibid.
20. D. F. Halpern, C. P. Benbow, D. C. Geary, R. C. Gur, J. S. Hyde, and M. A. Gernsbacher, "The Science of Sex Differences in Science and Mathematics," *Psychological Science in the Public Interest* 8 (2007): 1-51.
21. Ibid.
22. Hyde and Mertz, "Gender, Culture, and Mathematics Performance."
23. J. S. Hyde, S. M. Lindberg, M. C. Linn, A. B. Ellis, and C. C. Williams, "Gender Similarities Characterize Math Performance," *Science* 321 (2008): 494-495.

24. S. Mead, "The Truth About Boys and Girls," *Education Sector*, June 2006.
25. Halpern et al., "The Science of Sex Differences in Science and Mathematics."
26. M. Carpenter, "Why Girls Score Low on SAT's Baffling," *Pittsburgh Post-Gazette*, August 27, 2003.
27. J. S. Hyde, E. Fennema, and S. J. Lamon, "Gender Differences in Mathematics Performance: A Meta-Analysis," *Psychological Bulletin* 107, no. 2 (1990): 139-155.
28. Hyde and Mertz, "Gender, Culture, and Mathematics Performance."
29. D. F. Halpern, *Sex Differences In Cognitive Abilities* (Mahwah, N.J.: Earlbaum, 2000).
30. A. Moir and D. Jessel, *Brain Sex: The Real Difference Between Men and Women* (New York: Viking, 1997).
31. S. Rhoads, *Taking Sex Differences Seriously* (New York: Encounter Books, 2004).
32. L. Brizendine, *The Female Brain* (New York: Broadway Books, 2006).
33. E. Leahey and G. Guo, "Gender Differences in Mathematical Trajectories," *Social Forces* 80, no. 2 (2001): 713-732.
34. D. Blum, *Sex on the Brain: The Biological Differences Between Men and Women* (New York: Viking, 1997).
35. L. J. Harris, "Sex Differences in Spatial Ability: Possible Environmental, Genetic, and Neurological Factors," in M. Kinsbourne, ed., *Asymmetrical Function of the Brain*, 405-522 (New York: Cambridge University Press, 1978).
36. E. E. Maccoby and C. N. Jacklin, *The Psychology of Sex Differences* (Stanford, Calif.: Stanford University Press, 1974).
37. H. Lips, A. Myers, and N. Colwill, "Sex Differences in Ability: Do Men and Women Have Different Strengths and Weaknesses?" in H. Lips and N. Colwill, eds., *Psychology of Sex Difference*, 145-173 (Englewood Cliffs, N.J.: Prentice-Hall, 1978).
38. B. Pease and A. Pease, *Why Men Don't Listen and Women Can't Read Maps* (New York: Broadway, 2002).

39. R. Compton, *Old Bones Shatter New Myths: Biology as Destiny* (Sociobiology Study Group, Science for the People, Cambridge, Mass., 1984).
40. D. Harraway, *Primate Visions: Gender, Race, and Nature in the World of Modern Science* (New York: Routledge, 1989).
41. D. Voyer, S. Voyer, and B. M. Philip, "Magnitude of Sex Differences in Spatial Abilities: A Meta-analysis and Consideration of Critical Variables," *Psychological Bulletin* 117, no. 2 (1995): 250–270.
42. P. J. Caplan, G. M. MacPherson, and P. Tobin, "Do Sex-Related Differences in Spatial Abilities Exist? A Multilevel Critique with New Data," *American Psychologist* 40, no. 7 (1985): 786–799.
43. C. Dowling, *The Frailty Myth: Redefining the Physical Potential of Women and Girls* (New York: Random House, 2000).
44. J. Feng, I. Spence, and J. Pratt, "Playing an Action Video Game Reduces Gender Differences in Spatial Cognition," *Psychological Science* 18 (2007): 850–855.
45. L. M. Marulis, L. L. Lui, C. M. Warren, D. H. Uttal, and N. S. Newcombe, "Effects of Training or Experience on Spatial Cognition in Children and Adults: A Meta-analysis" (paper presented at the annual meeting of the American Educational Research Association, Chicago, April 2007).
46. M. B. Casey, R. L. Nuttall, E. Pezaris, and C. P. Benbow, "The Influence of Spatial Ability on Gender Differences in Mathematics College Entrance Test Scores Across Diverse Samples," *Developmental Psychology* 31 (1995): 697–705.
47. S. Sorby, "Educational Research in Developing 3-D Spatial Skills for Engineering Students," *International Journal of Science Education* 31 (2009): 459–480.
48. J. S. Eccles, B. Barber, and D. Jozefowicz, "Linking Gender to Educational, Occupational, and Recreational Choices: Applying the Eccles et al. Model of Achievement-Related Choices," in W. B. Swann, J. H. Langlois, and L. A. Gilbert, eds., *Sexism and Stereotypes in Modern Society: The Gender Science of Janet Taylor Spence*,

- 153-191 (Washington, D.C.: American Psychological Association, 1999).
49. M. M. Bleeker and J. E. Jacobs, "Achievement in Math and Science: Do Mothers' Beliefs Matter 12 Years Later?" *Journal of Educational Psychology* 96, no. 1 (2004): 97-109.
 50. K. Crowley, M. A. Callanan, H. R. Tenenbaum, and E. Allen, "Parents Explain More Often to Boys Than to Girls During Shared Scientific Thinking," *Psychological Science* 12 (2001): 258-261.
 51. J. Tiedemann, "Parents' Gender Stereotypes and Teachers' Beliefs as Predictors of Children's Concept of Their Mathematical Ability in Elementary School," *Journal of Educational Psychology* 92, no. 1 (2001): 144-151; J. E. Jacobs and J. S. Eccles, "The Impact of Mothers' Gender-Role Stereotypic Beliefs on Mothers' and Children's Ability Perceptions," *Journal of Personality and Social Psychology* 63, no. 6 (1992): 932-944.
 52. Jacobs and Eccles, "The Impact of Mothers' Gender-Role Stereotypic Beliefs on Mothers' and Children's Ability Perceptions."
 53. E. H. Luchins, "Women and the Pursuit of a Career in Mathematics," *Christian Science Monitor*, May 17, 1981.
 54. S. L. Boswell, "The Influence of Sex-Role Stereotyping on Women's Attitudes and Achievement in Mathematics," in S. F. Chipman, L. R. Brush, and D. M. Wilson, eds., *Women and Mathematics: Balancing the Equation*, 91 (New York: Erlbaum, 1985).
 55. *Ibid.*
 56. *Ibid.*
 57. T. Schmader, M. Johns, and M. Barquissau, "The Costs of Accepting Gender Differences: The Role of Stereotype Endorsement in Women's Experience in the Math Domain," *Sex Roles* 50, nos. 11-12 (2004): 835-850.
 58. C. M. Steele, "A Threat in the Air: How Stereotypes Shape the Identities and Performance of Women and African Americans," *American Psychologist* 52 (1997): 613-629.
 59. S. M. Campbell and M. L. Collaer, "Stereotype Threat and Gender

- Differences in Performance on a Novel Visuospatial Task,” *Psychology of Women Quarterly* 33 (2009): 437–444.
60. E. Spelke, “Edge: The Science of Gender and Science.” www.edge.org/3rd_culture/debate05/debate05_index.htm, May 16, 2005.
 61. C. Wennerås and A. Wold, “Nepotism and Sexism in Peer-Review,” *Nature* 387, no. 22 (1997): 341–343.
 62. S. L. Beilock, E. A. Gunderson, G. Ramirez, and S. C. Levine, “Female Teachers’ Math Anxiety Affects Girls’ Math Achievement,” *Proceedings of the National Academy of Sciences, USA* 107, no. 5 (2010): 1060–1063.
 63. L. Smith-Doerr, *Women’s Work: Gender Equality vs. Hierarchy in the Life Sciences* (Boulder, Col.: Lynne Rienner Publishers, 2004).
 64. “A Study on the Status of Women Faculty in Science at MIT,” *MIT Faculty Newsletter* 11, no. 4 (March 1999).
 65. “Teens Prepared for Math, Science Careers, Yet Lack Mentors,” *MIT News*, January 7, 2009.
 66. D. Milgram, “Gender Differences in Learning Style Specific to Science, Technology, Engineering, and Math” (July 24, 2007). Retrieved September 17, 2009, from <http://ezinearticles.com/?Gender-Differences-In-Learning-Style-Specific-To-Science,-Technology,-Engineering-And-Math—Stem&id=658953>.
 67. A. Fisher, J. Margolis, and F. Miller, “Undergraduate Women in Computer Science: Experience, Motivation, and Culture,” *ACM SIGCSE Bulletin* 29, no. 1 (1997): 106–110.

5. Word Play

1. M. S. Kimmel, “The Contemporary Crisis of Masculinity in Historical Perspective,” in Harry Brod, ed., *The Making of Masculinities*, 121–153 (Winchester, Mass.: Allen and Unwin, 1987).
2. T. Jan, “Schoolboy’s Bias Suit Argues System Is Favoring Girls,” *Boston Globe*, January 26, 2006.

3. P. Tyre, "The Trouble with Boys," *Newsweek*, January 30, 2006.
4. R. Whitmire, "Boy Trouble," *New Republic*, January 23, 2006.
5. S. Mead, "The Evidence Suggests Otherwise: The Truth About Boys and Girls," *Education Sector, Research and Reports*, June 27, 2007.
6. C. B. Swanson, *Caps, Gowns, and Games: High School Graduates and NCLB* (Washington, D.C.: Urban Institute, 2003).
7. I. Khatiwada and A. Sum, *Gender Differences in High School Graduation Rates and College Enrollment Rates of Graduates from Boston Public High Schools in Recent Years: Findings of the Follow-up Surveys for the Classes of 1999, 2000, and 2001 and Agenda for Future Research* (Boston: Boston Private Industry Council and Boston Public Schools, 2002).
8. J. P. Greene and G. Forster, *Public High School Graduation and College Readiness Rates in the United States* (New York: Manhattan Institute for Policy Research, 2003).
9. R. Lowry, "Biology's Revenge: Christina Hoff Sommers Was Right," *National Review Online*, January 24, 2006.
10. "Boys Learn Better in Motion," *Atlanta Journal-Constitution*, October 27, 2006.
11. *Hartford Courant*, August 15, 2006, <http://createdestruction.wordpress.com/2006/08/15/more-boy-crisis-the-connecticut-mastery-test/>.
12. D. Brooks, "The Education of Robert Kennedy," *New York Times*, November 26, 2006.
13. Mead, "The Evidence Suggests Otherwise."
14. J. S. Hyde and M. C. Linn, "Gender Differences in Verbal Ability: A Meta-analysis," *Psychological Bulletin* 104 (1988): 53-69.
15. D. F. Halpern, *Sex Differences in Cognitive Abilities* (Mahwah, N.J.: Erlbaum, 2000).
16. M. Kimmel, "A War Against Boys?" *Dissent*, Fall 2006.
17. V. E. Lee, "Sexism in Single-Sex and Coeducational Independent Secondary School Classrooms," *Sociology of Education* 67, no. 2 (1994): 92-120.

18. M. Conlin, "The New Gender Gap: From Kindergarten to Grad School, Boys Are Becoming the Second Sex," *BusinessWeek*, May 26, 2003, 74.
19. C. H. Sommers, *The War Against Boys: How Misguided Feminism Is Harming Our Young Men* (New York: Simon and Schuster, 2000).
20. N. Perry, "Gender Gap: Progress or Problem?" *Seattle Times*, October 3, 2005.
21. J. Wapner, "Scientist at Work: He Counts Your Words (Even Those Pronouns)," *New York Times*, October 14, 2008.
22. S. Lutchmaya, S. Baron-Cohen, and P. Raggatt, "Foetal Testosterone and Vocabulary Size in 18- and 24-Month-Old Infants," *Infant Behavior and Development* 24, no. 4 (2001): 418-424.
23. J. T. Manning, *Digit Ratio: A Pointer to Fertility, Behavior, and Health* (Newark, N.J.: Rutgers University Press, 2002).
24. M. W. Clearfield, "Sex Differences in Mothers' Speech and Play Behavior with 6-, 9-, and 14-Month-Old Infants," *Sex Roles* 54, nos. 1-2 (2006).
25. V. Flynn and E. F. Masur, "Characteristics of Maternal Verbal Style: Responsiveness and Directiveness in Two Natural Contexts," *Journal of Child Language* 34, no. 3 (2007): 519-543.
26. O. Z. Weizman and C. E. Snow, "Lexical Input as Related to Children's Vocabulary Acquisition: Effects of Sophisticated Exposure and Support for Meaning," *Developmental Psychology* 37, no. 2 (2001): 265-279.
27. C. Leaper, K. J. Anderson, and P. Sanders, "Moderators of Gender Effects on Parents' Talk to Their Children: A Meta-analysis," *Developmental Psychology* 34, no. 1 (1998): 3-27.
28. P. Greenfield, J. Reilly, C. Leaper, and N. Baker, "The Structural and Functional Status of Single-Word Utterances and Their Relationship to Early Multi-Word Speech," in M. D. Barrett, ed., *Children's Single-Word Speech*, 233-267 (Chichester, UK: Wiley, 1985).
29. A. C. Huston, "Sex-Typing," in P. H. Mussen and E. M. Hetherington, eds., *Handbook of Child Psychology*, vol. 4, *Socialization*,

- Personality, and Social Development*, 387–467 (New York: Wiley, 1983).
30. J. B. Gleason, “Sex Differences in the Language of Children and Parents,” in O. Garnica and M. King, eds., *Language, Children, and Society*, 149–157 (Oxford, UK: Pergamon, 1979).
 31. M. Clearfield and N. Nelson, “Sex Differences in Mothers’ Speech and Play Behavior with 6-, 9-, and 14-Month-Old Infants,” *Sex Roles* 54, nos. 1–2 (2006): 127–137.
 32. M. J. Galsworthy, G. Dionne, P. S. Dale, and R. Plomin, “Sex Differences in Early Verbal and Non-verbal Cognitive Development,” *Developmental Science* 3, no. 2 (2000): 206–215.
 33. R. Weis and B. C. Cerankosky, “Effects of Video-Game Ownership on Young Boys’ Academic and Behavioral Functioning: A Randomized, Controlled Study,” *Psychological Science OnlineFirst*, February 18, 2010.
 34. L. Sax, *Why Gender Matters: What Parents and Teachers Need to Know About the Emerging Science of Sex Differences* (New York: Broadway Books, 2005).
 35. D. Brooks, “Mind Over Muscle,” *New York Times*; October 16, 2005; H. Brod, *The Making of Masculinities: The New Men’s Studies* (New York: Routledge, 1987).

6. Toy Choice

1. B. E. Hort, “Children’s Use of Metaphorical Cues in Gender-Typing Novel and Familiar Objects” (paper presented at the Society for Research in Child Development meeting, Ann Arbor, 1993); B. E. Hort, M. D. Leinbach, and B. I. Fagot, “Metaphorically Gendered Traits and the Gender-Typing of Toys” (paper presented at the 1992 Western Psychological Association Conference, Phoenix); B. E. Hort, M. D. Leinbach, and B. Fagot, “Summary of Gender-Typing Studies for SRCDD Talk” (paper presented at 1993 Society for Research on Child Development meeting, Ann Arbor).

2. T. Raag and C. L. Rackliff, "Preschoolers' Awareness of Social Expectations of Gender: Relationships to Toy Choices," *Sex Roles* 38, nos. 9/10 (1998): 685-700.
3. M. Kimmel, "About a Boy," *Vassar Alumnae Quarterly*, Winter 2003.
4. K. Benezra, "Toys Unfair," *Brandweek* 36 (February 13, 1995): 20-24.
5. L. M. Brown, S. Lamb, and M. Tappan, *Packaging Boyhood: Saving Our Sons from Superheroes, Slackers, and Other Media Stereotypes* (New York: St. Martin's Press, 2009).
6. T. Bartlett, "The Puzzle of Boys," *Chronicle Review*, November 22, 2009; New-York-auto-show-polly-wheels-gives-young-girls-their-own-line (April 4, 2007), www.autoblog.com/.
7. New-York-auto-show-polly-wheels-gives-young-girls-their-own-line; R. Flass, "Desperate Dolls: Barbie, Bratz Face Weak Demand," *Advertising Age*, October 31, 2005.
8. R. Flass, "Desperate Dolls."
9. D. Levin, and J. Kilbourne, "So Sexy, So Soon: The New Sexualized Childhood and What We Can Do About It," *Forum Network*, <http://forum-network.org/lecture/so-sexy-so-soon-new-sexualized-childhood>.
10. G. MacNaughton, *Shaping Early Childhood* (Columbus, Ohio: McGraw-Hill Education, 2003).
11. L. M. Brown and S. Lamb, "Let's Go: No Makeover for Dora!" www.ipetitions.com/petition/Dora_Makeover/.
12. C. Brown, "Woman Warrior," *Newsweek*, June 8, 1998.
13. M. E. Williams, "The Princess and the Frog Is Disney Royalty," *Salon.com*, November 24, 2009.

7. The More Aggressive Sex?

1. C. Frey, and S. Hoppe-Graff, "Serious and Playful Aggression in Brazilian Girls and Boys," *Sex Roles* 30, nos. 3-4 (1994): 249-269.

2. B. Thorne, *Gender Play: Girls and Boys in School* (New Brunswick, N.J.: Rutgers University Press, 1993).
3. R. L. Munroe, R. Hulefeld, J. M. Rodgers, D. L. Tomeo, and S. K. Yamazaki, "Aggression Among Children in Four Cultures," *Cross-Cultural Research* 34, no. 1 (2000): 3-25.
4. M. Gurian, P. Henley, and T. Trueman, *Boys and Girls Learn Differently: A Guide for Teachers* (San Francisco: Jossey-Bass, 2001).
5. J. A. DiPietro, "Rough and Tumble Play: A Function of Gender," *Developmental Psychology* 17, no. 1 (1981): 50-58.
6. *Ibid.*
7. A. Bandura, D. Ross, and S. A. Ross, "Transmission of Aggression Through Imitation of Aggressive Models," *Journal of Abnormal and Social Psychology* 63 (1961): 575-582.
8. J. R. Lightdale and D. A. Prentice, "Rethinking Sex Differences in Aggression: Aggressive Behavior in the Absence of Social Roles," *Personality and Social Psychology Bulletin* 20, no. 1 (1994): 34-44.
9. S. Biddulph, *Raising Boys: Why Boys Are Different—and How to Help Them Become Happy and Well-Balanced Men* (Berkeley, Calif.: Celestial Arts, 2008).
10. A. P. Humphreys and P. K. Smith, "Rough and Tumble, Friendship, and Dominance in Schoolchildren: Evidence for Continuity and Change with Age," *Child Development* 58, no. 1 (1987): 201-212.
11. T. Reed and M. Brown, "The Expression of Care in the Rough and Tumble Play of Boys," *Journal of Research in Childhood Education* 15, no. 1 (2000): 104-116.
12. M. Tannock, "Rough and Tumble Play: An Investigation of the Perceptions of Educators and Young Children," *Early Childhood Education Journal* 35, no. 4 (2008): 357-361.
13. C. N. Jacklin, "Methodological Issues in the Study of Sex-Related Differences," *Developmental Review* 1, no. 3 (1981): 266-273.
14. P. Chesler, *Woman's Inhumanity to Woman* (Chicago: Lawrence Hill Books, 2009).

15. V. K. Burbank, "Cross-cultural Perspectives on Aggression in Women and Girls: An Introduction," *Sex Roles* 30, nos. 3/4 (1994): 169-176.
16. M. A. Straus, "Physical Assaults by Women Partners: A Major Social Problem," in M. R. Walsh, ed., *Women, Men, and Gender: Ongoing Debates*, 210-222 (New Haven, Conn.: Yale University Press, 1997); M. A. Straus and R. J. Gelles, *Physical Violence in American Families* (New Brunswick, N.J.: Transaction Publishers, 1990).
17. R. P. Rohner, "Sex Differences in Aggression: Phylogenetic and Enculturation Perspectives," *Ethos* 4, no. 1 (1976): 57-72.
18. K. Osterman, K. Björkqvist, K. M. J. Lagerspetz, A. Kaukiainen, S. F. Landau, A. Fraczek, et al., "Cross-cultural Evidence of Female Indirect Aggression," *Aggressive Behavior* 24 (1998): 1-8.
19. Ibid.
20. Ibid.
21. K. Björkqvist, "Sex Differences in Physical, Verbal, and Indirect Aggression: A Review of Recent Research," *Sex Roles* 30, nos. 3-4 (1994): 177-188.
22. J. Garbarino, *See Jane Hit: Why Girls Are Growing More Violent and What We Can Do About It* (New York: Penguin, 2006).
23. E. R. Mondschein, K. E. Adolph, and C. S. Tamis-LeMonda, "Gender Bias in Mothers' Expectations About Infant Crawling," *Journal of Experimental Child Psychology* 77 (2000): 304-316; M. R. Walsh, *Women, Men, and Gender: Ongoing Debates* (New Haven, Conn.: Yale University Press, 1997); "From Trinidad and Tobago" (Yale Department of Economics, Labor and Population Workshop, September 11, 2009).
24. "From Trinidad and Tobago."

8. Caring

1. Sloan Wilson, *The Man in the Gray Flannel Suit* (New York: Four Walls Eight Windows, 1953).

2. J. H. Pleck, "The Theory of Male Sex-Role Identity: Its Rise and Fall, 1936 to the Present," in H. Brod., ed., *The Making of Masculinities: New Men's Studies*, 21-38 (New York: Allen and Unwin, 1987).
3. N. Chodorow, *The Reproduction of Mothering: Psychoanalysis and the Sociology of Gender* (Berkeley: University of California Press, 1978).
4. D. Blankenhorn, *Fatherless America: Confronting Our Most Urgent Social Problem* (New York: Basic Books, 1995).
5. D. W. Winnicott, *The Child, the Family, and the Outside World* (New York: Addison-Wesley, 1987).
6. R. H. Passman, "Attachments to Inanimate Objects: Are Children Who Have Security Blankets Insecure?" *Journal of Consulting and Clinical Psychology* 55, no. 6 (1987): 825-830; R. H. Passman and P. Wiesberg, "Mothers and Blankets as Agents for Promoting Play and Exploration by Young Children in a Novel Environment: The Effects of Social and Nonsocial Attachment Objects," *Developmental Psychology* 11, no. 2 (1975): 170-177.
7. M. S. Ainsworth, "Infant-Mother Attachment," *American Psychologist* 34, no. 10 (1979): 932-937.
8. See [www.google.com/imgres?imgurl=http://www.gogohamsters.org](http://www.gogohamsters.org).
9. G. Melson, personal communication, August 7, 2009.
10. B. B. Whiting, *Children of Six Cultures: A Psycho-Cultural Analysis* (Cambridge, Mass.: Harvard University Press, 1975); Melson, personal communication, August 7, 2009.
11. Melson, personal communication, August 7, 2009.
12. Ibid.
13. J. Blakemore, "Children's Nurturant Interactions with Their Infant Siblings: An Exploration of Gender Differences and Maternal Socialization," *Sex Roles* 22 (1990): 43-57.
14. Ibid.
15. W. Pollack, *Real Boys: Rescuing Our Sons from the Myths of Boyhood* (New York: Holt, 1997).

16. F. Crosby, *Juggling: The Unexpected Advantages of Balancing Career and Home for Women and Their Families* (New York: Free Press, 1991).
17. J. Gray, *Men Are from Mars, Women Are from Venus: A Practical Guide for Improving Communication and Getting What You Want in Your Relationships* (New York: HarperCollins, 1993).
18. B. J. Risman, and D. Johnson-Sumerford, "Doing It Fairly: A Study of Postgender Marriages," *Journal of Marriage and the Family* 60 (1998): 23-40.
19. L. B. Silverstein and C. F. Auerbach, "Deconstructing the Essential Father," *American Psychologist* 54, no. 6 (1999): 397-407.
20. E. Galinsky, K. Aumann, and J. T. Bond, *2008 National Study of the Changing Workforce* (New York: Family Work Institute, 2009).
21. J. F. Sandberg and S. L. Hofferth, *Changes in Children's Time with Parents, U.S. 1981-1997* (Population Studies Center Research Report No. 01-475, Institute for Social Research, University of Michigan, 2001).
22. *Life's Work: Generational Attitudes Towards Work and Life Integration* (Radcliffe Public Policy Center, Radcliffe Institute for Advanced Study, Cambridge, Mass., 2000).
23. J. Snarey, *How Fathers Care for the Next Generation: A Four-Decade Study* (Cambridge, Mass.: Harvard University Press, 1993).
24. Galinsky, Aumann, and Bond, *2008 National Study of the Changing Workforce*.

9. The Ideal Classroom

1. F. G. Graves and L. S. Kaufmann, <http://nwlc.blogs.com/womens-take/2007/04/about_the_blogg.html#fatima>.
2. S. Adcox, "S.C. at Forefront of Single-Gender Classes," *Boston Globe*, October 1, 2007.

3. A. Neal, *The Case Against Sex-Segregated Classrooms* (ACLU of Alabama Research on Women and Education, Birmingham, 2009).
4. M. Liberman, "Liberman on Sax on Liberman on Hearing," <http://languageg.ldc.upenn.edu/nll/?p=171> (2008).
5. M. Gurian, P. Henley, and T. Trueman, *Boys and Girls Learn Differently: A Guide for Teachers* (San Francisco: Jossey-Bass, 2001), 30.
6. J. Large, "A Recipe for Growing Good Men," *Seattle Times*, May 14, 2009.
7. Cited in E. Weil, "Teaching Boys and Girls Separately," *New York Times Magazine*, March 2, 2008.
8. Ibid.
9. Ibid.
10. M. Galley, "Research:BoystoMen," www.edweek.org/login.html?source=http://www.edweek.org/ew/articles/2002/01/23/19boys.h21.html&destination=http://www.edweek.org/ew/articles/2002/01/23/19boys.h21.html&levelId=2100.
11. D. T. Caceci, "Anatomy and Physiology of the Eye," <http://education.vetmed.vt.edu/curriculum/VM8054/EYE/EYEDEMO.HTM> (retrieved May 4, 2009).
12. Ibid.
13. L. Sax, *Why Gender Matters. What Parents and Teachers Need to Know About the Emerging Science of Sex Differences* (New York: Doubleday, 2005), 21.
14. Caceci, "Anatomy and Physiology of the Eye."
15. M. Gurian and A. C. Ballew, *The Boys and Girls Learn Differently Action Guide for Teachers* (San Francisco: Jossey-Bass, 2003).
16. C. H. Hillman, S. M. Buck, J. R. Themanson, M. B. Pontifex, and D. M. Castelli, "Aerobic Fitness and Cognitive Development: Event-Related Brain Potential and Task Performance Indices of Executive Control in Preadolescent Children," *Developmental Psychology* 45, no. 1 (2009): 114-129.

17. "Physical Activity May Strengthen Children's Ability to Pay Attention," *Science Daily*, April 1, 2009, www.ScienceDaily.com/releases/2009/03/090331183800.htm.
18. Hillman, personal communication, April 1, 2009.
19. Cited in Weil, "Teaching Boys and Girls Separately."
20. N. Angier, "A Hit in School, Maggots and All," *New York Times*, May 12, 2009.
21. S. Rubins, personal communication, May 19, 2009.
22. Hillman et al., "Aerobic Fitness and Cognitive Development."
23. Ibid.
24. B. Thorne, *Gender Play: Girls and Boys in School* (New Brunswick, N.J.: Rutgers University Press, 1993).
25. C. H. Sommers, *The War Against Boys: How Misguided Feminism Is Harming Our Young Men* (New York: Simon and Schuster, 2000).
26. M. Gurian, *The Wonder of Boys: What Parents, Mentors, and Educators Can Do to Shape Boys Into Exceptional Men* (New York: Tarcher, 1997).
27. T. Bartlett, "The Puzzle of Boys," *Chronicle of Higher Education*, November 22, 2009.
28. "Education: Learning Styles Debunked," *Science Daily*, December 17, 2009, www.sciencedaily.com/releases/2009/12/091216162356.htm.
29. H. Pashler, M. McDaniel, D. Rohrer, and R. Bjork, "Learning Styles: Concepts and Evidence," *Psychological Science in the Public Interest* 9, no. 3 (2009): 105-119.
30. R. S. Bigler, "Good Morning, Boys and Girls," www.tolerance.org/magazine/number-28-fall-2005/good-morning-boys-and-girls (Fall 2005).

10. Single-Sex Education, Pros and Cons

1. See www.americaspromise.org.
2. Colin Powell, www.americaspromise.org.

3. National Coalition of Girls' Schools Alumnae Survey (1999), Goodman Research Group, Cambridge, Mass.
4. F. Mael, A. Alonso, D. Gibson, K. Rogers, and M. Smith, *Single-Sex Versus Coeducational Schooling: A Systematic Review* (Washington, D.C.: American Institutes for Research, U.S. Department of Education, Office of Planning, Evaluation, and Policy Development, 2005).
5. R. Hotakainen, "Single Sex Schools Are Separate but Not Always Equal," *Minneapolis Star Tribune*, June 9, 2002.
6. A. Datnow, L. Hubbard, and E. Woody, *Is Single Gender Schooling Viable in the Public Sector? Lessons from California's Pilot Program*, Final Report (New York: Ford Foundation and Chicago: Spencer Foundation 2001).
7. S. Morse, ed., *Separated by Sex: A Critical Look at Single-Sex Education for Girls* (Washington, D.C.: American Association of University Women Educational Foundation, 1998).
8. J. Shepherd, "Girls Make Boys Worse at English," *Guardian*, April 21, 2009.
9. S. Proud, "Girl Power? An Analysis of Peer Effects Using Exogenous Changes in the Gender Make-up of the Peer Group" (working paper 08/186, University of Bristol, England, 2008).
10. A. Smithers and P. Robinson, *The Paradox of Single Sex and Co-educational Schooling* (Buckingham UK: Carmichael Press University of Buckingham, 2006).
11. J. S. Hyde, S. M. Lindberg, M. C. Linn, A. B. Ellis, and C. C. Williams, "Gender Similarities Characterize Math Performance," *Science* 321, no. 5888 (2008): 494-495.
12. Smithers and Robinson, *The Paradox of Single Sex and Co-educational Schooling*.
13. *Selecting an Independent School: The Benefits of the Coeducational Experience*, www.ridleycollege.com/ftpimages/180/download/download_group4184_id171639.pdf (2006).
14. K. J. Rowe, "The Effects of Class Type on Student Achievement, Confidence, and Participation in Mathematics," *Australian Journal of Education* 32 (1988): 180-202.

15. G. Able, cited in Smithers and Robinson, *The Paradox of Single Sex and Co-educational Schooling*.
16. Smithers and Robinson, *The Paradox of Single Sex and Co-educational Schooling*.
17. See www.singlesexschools.org/schools-schools.htm.
18. L. Sax, *Why Gender Matters: What Parents and Teachers Need to Know About the Emerging Science of Sex Differences* (New York: Broadway Books, 2005).
19. J. Nicholson, A. Gelpi, S. Young, and E. Sulzby, "Influences of Gender and Open-ended Software on First Graders' Collaborative Composing Activities on Computers," *Journal of Computing in Childhood Education* 9 (1998): 3–42.
20. J. Lunnon, "Samantha and Goliath," *Times Educational Supplement*, July 14, 2006.
21. See www.singlesexschools.org/evidence.html.
22. M. Warrington and M. Younger, "Single-Sex Classes and Equal Opportunities for Girls and Boys: Perspectives Through Time from a Mixed Comprehensive School in England," *Oxford Review of Education* 27, no. 3 (2001): 339–356.
23. Smithers and Robinson, *The Paradox of Single Sex and Co-educational Schooling*.
24. C. Dean, "Inspectors Say Girls' Schools Are the Best," *Times Educational Supplement*, October 9, 1998.
25. H. W. Marsh and K. J. Rowe, "The Effects of Single-Sex and Mixed-Sex Mathematics Classes Within a Co-educational School: A Reanalysis and a Comment," *Australian Journal of Education* 40 (1996): 147–162.
26. K. J. Rowe, personal communication, March 12, 2009.
27. A. Paulson, "Move to Single-Sex Classes Fans Debate," *Christian Science Monitor*, October 26, 2006.
28. J. Henry, "Help for the Boys Helps the Girls," *Times Educational Supplement*, June 1, 2001.
29. Smithers and Robinson, *The Paradox of Single Sex and Co-educational Schooling*.

Notes

30. V. E. Lee and A. S. Bryk, "Effects of Single-Sex Secondary Schools on Student Achievement and Attitudes," *Journal of Educational Psychology* 78, no. 5 (1986): 394.
31. V. E. Lee, *Separated by Sex: A Critical Look at Single Sex Education for Girls* (Washington, D.C.: American Association of University Women, 1998).
32. C. Riordan, *Girls and Boys in School: Together or Separate* (New York: Teachers College Press, 1990).
33. Liberman, quoted in E. Weil, "Teaching Boys and Girls Separately," *New York Times Magazine*, March 2, 2008.
34. L. Eliot, *Pink Brain, Blue Brain* (New York: Houghton Mifflin Harcourt, 2009).
35. Weil, "Teaching Boys and Girls Separately."
36. Eliot, *Pink Brain, Blue Brain*.
37. NAASPE, www.singlesexschools.org/home.php.
38. "Tell CNN to Stop Promoting Sex Segregation in Public Schools," <http://majorityspeaks.wordpress.com/2009/12/11/tell-cnn-to-stop-promoting-sex-segregation-in-public-schools/>.
39. Eliot, *Pink Brain, Blue Brain*.

11. Conclusion

1. *Report of the APA Task Force on the Sexualization of Girls* (Washington, D.C.: American Psychological Association, 2007).
2. "Kate Moss Sparks Uproar Over 'Feeling Thin,'" *Improper Fashion*, November 19, 2009, www.theimproper.com/fashion/?p=44.
3. G. Trebay, "Disaster Coverage Without Having to Roll Up the Sleeves," *New York Times*, January 21, 2010.
4. D. Witmer, "Do Boys Have Body Image Issues Too?" http://parentingteens.about.com/od/bodyimage/f/boys_bodyimage.htm.
5. L. Pappano, "Boys and Eating Disorders," *Good Housekeeping*, January 27, 2010.

6. L. Smolak, S. K. Murnen, and J. K. Thompson, "Sociocultural Influences and Muscle Building in Adolescent Boys," *Psychology of Men and Masculinity* 6, no. 4 (2005): 227–239.
7. E. Weiss, "Guys, Steroids, and the Muscular Ideal," *Mantra Magazine*, April 2009.
8. P. Fischer, S. Guter, and D. Frey, "The Effects of Risk-Promoting Media on Inclinations Toward Risk Taking," *Basic and Applied Social Psychology* 30, no. 3 (2008): 230–240.
9. M. Messner, D. Hunt, M. Dunbar, P. Chen, J. Lapp, and P. Miller, *Boys to Men: Sports Media: Messages About Masculinity*, 2001, www.aafra.org/9arr/ResearchReports/boystomen.pdf.
10. B. A. Morrongiello and H. Rennie, "Why Do Boys Engage in More Risk Taking Than Girls? The Role of Attributions, Beliefs, and Risk Appraisals," *Journal of Pediatric Psychology* 23, no. 1 (1998): 33–43.
11. D. A. Thomas, "Diversity as Strategy," *Harvard Business Review* 82 (2004): 99–108.
12. R. Fry and D. Cohn, *New Economics of Marriage: The Rise of Wives* (Washington, D.C.: Pew Research Center, 2010).
13. T. Bond, C. T. Thompson, E. Galinsky, and D. Prottas, *The 2002 National Study of the Changing Workforce: Executive Summary* (New York: Families and Work Institute, 2002).
14. M. Kimmel, *Guyland: The Perilous World Where Boys Become Men* (New York: HarperCollins, 2009).
15. H. Gardner, *Multiple Intelligences* (New York: Basic Books, 1993).
16. J. Gabriel, "The Truth About Boys and Girls," *Brain Connection*, July 2001, www.brainconnection.com/content/91_4.

