Texts:

E Reserve Readings – Articles marked **E** on the syllabus are online in library ereserve (go to course web page). **Readings on e-reserve must be printed out and brought to class** for discussion on the date assigned. https://www.amherst.edu/academiclife/departments/courses/1011F/FYSE/FYSE-13-1011F

Print Reserve Readings – Several copies of the assigned reading marked **R** on the syllabus are on reserve in the Science Library:

T.H. Goldsmith & W.F. Zimmerman, <u>Biology, Evolution, and Human Nature</u> assigned for 9/16/10

Packet to be purchased – Readings marked **P** are in a packet of readings available from the WAGS office in Grosvenor House (14 Grosvenor House) Items marked with an * appear in your packet as (1998) <u>Questions of Gender:</u> <u>Perspectives and Paradoxes</u> eds. D. Anselmi & A. Law, McGraw Hill

Text to be purchased – available at Amherst Books (8 Main St., Amherst)

Kimura, D., Sex and Cognition, MIT Press, 2000

Children's book of your choice (available at local bookstores, the Jones Library or your own bookshelf)

Written and oral presentations:

A series of brief writing assignments and in-class discussions focused on analysis of the arguments posed in the assigned texts will provide the foundation for a longer final paper and oral presentation of a proposed empirical study based on library resources as well as on the course materials.

Written work should be typed and handed in in hard copy (12-point font, double spaced with 1 inch margins).

Topics and Readings:

9/7 (Tu) Introduction

9/9 (Th) Stereotypes

 P Deaux, K. (1987) Chapter 18, Psychological constructions of masculinity and femininity, pp. 289-303 from J.M. Reinisch, L.A. Rosenblum & S.A. Sanders <u>Masculinity and Femininity: Basic Perspectives</u>, Oxford University Press
 Kimura, Appendix: Dealing with numbers, pp. 189-200
 Gender-Science IAT https://implicit.harvard.edu/implicit/

9/14 (Tu) **Discussion: Gender Stereotypes at Amherst** Bring gender stereotypes interview responses to class for discussion

Accounting for gender differences and similarities

9/16 (Th)	Evolution		
R	 R Goldsmith, T.H. & Zimmerman, W.F. (2001) Chapter 6 Evolutionary social theory, pp. 125-154 from <u>Biology, Evolution, and Huma</u> 		
	Nature, Wiley & Sons, Inc.		
Ε	Buss, D.M. (1995) Psychological sex differences, American Psychologist,		
	50, #3, 164-168		
Р	P Hrdy, S.B. (1995) Natural-born mothers, <u>Natural History</u> , 104, #12, pp 30-42		
	Bring analysis of argument and evidence to class for discussion		
9/21 (Tu)	Genes & Hormones		
	Kimura, Chapter 3		
Р	Berenbaum, L.S. (2008) Biological foundations of sex and gender,		
	Chapter 3, pp. 39-68 from J.E. Blakemore, S.A. Berenbaum, L.S.		
	Liben, Gender Development, Psychology Press		
Ε	Auyeung, B., et al. (2009) Fetal testosterone predicts sexually		
	differentiated childhood behavior in girls and in boys,		
	Psychological Science, 20, #2, 144-148		
Ε	Golombok, S. & Rust, J., (1993) The pre-school activities inventory,		
	Psychological Assessment, 5, #2, 131-136		
Ε	Boylan, J.F. (2008) The XY games, <u>NYTimes</u> , August 3, 2008 Op-Ed		
	Bring response to should male and female be defined differently in		
	different circumstances? to class for discussion		

9/23 (Th) Socialization

- *P Fagot, B. (1995) Psychosocial and cognitive determinants of early genderrole development, <u>Annual Review of Sex Research</u> (6), pp. 1-31
- P Margolis, J. & Fisher, A. (2002) Ch. 1 The magnetic attraction, pp. 15-32 from <u>Unlocking the Clubhouse</u>, MIT Press
- E Crowley, K. et al. (2001) Parents explain more often to boys than to girls during shared scientific thinking, <u>Psychological Science</u>, 12, #3, 258-261

Writing Center presentation: Michael Keezing (in class)

9/28 (Tu) **Discussion of children's book**

- E McArthur, L. & Eisen, S. (1976) Achievements of male and female storybook characters, <u>Journal of Personality and Social</u> <u>Psychology</u>, 33, #4, 467-473
- E Dittmar, H. et al. (2006) Does Barbie make girls want to be thin? <u>Developmental Psychology</u>, 42, #2, 283-292 Bring analysis of children's book to class for discussion

Personality and Social Behaviors

9/30	(Th)	Aggression
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- P Mazur, A. (1994) Chapter 21, Hormones, aggression and dominance in humans, pp. 563-576 from B.B. Svare, <u>Hormones and Aggressive</u> <u>Behavior</u>, Plenum Press
- E Sullivan, A. (2000) The He hormone, <u>NYTimes Magazine</u>, April 2, 2000, pp. 46, 48-51, 58-59, 69, 73, 79
- E Cohen, D., et al. (1996) Insult, aggression, and the southern culture of honor, <u>Journal of Personality and Social Psychology</u>, 70, #5, 945-960
- E Popma, A. et al. (2007) Cortisol moderates the relationship between testosterone and aggression in delinquent male adolescents – *abstract*, <u>Biol Psychiatry</u>, 61, p. 405

10/5 (Tu) Affiliation

- **P** Bjorkqvist, K. (1994) Sex differences in physical, verbal, and indirect aggression, <u>Sex Roles</u>, 30, #3/4, 177-188
- E Taylor, S. (2006) Tend and befriend: Biobehavioral bases of affiliation under stress, <u>Current Directions in Psychological Science</u>, 15, #6, 273-277
- E Azar, B. (2002) The postpartum cuddles: Inspired by hormones? <u>Monitor</u> <u>on Psychology</u>, 33, #9, 54-56
- E Alexander, G.M. & Hines, M. (2002) Sex differences in response to children's toys in nonhuman primates (*Cercopithecus aethiops sabaeus*), Evolution and Human Behavior, 23, 467-479
- 10/7 (Th) Discussion: Comparison of Explanatory Models

Bring comparison paper to class for discussion

10/12 (Tu) October Break

Embodied and Disembodied Gender

10/14 (Th) Transgender

- E American Psychological Association (2006) Answers to your questions about transgender individuals and gender identity, Brochure written by the APA Task Force on Gender Identity, Gender Variance, and Intersex Conditions
- E Brown, P. (2006) Supporting boys or girls when the line isn't clear, <u>NYTimes</u>, December 2, 2006, 4 pages

Film: You Don't Know Dick (shown in class)

10/19 (Tu) Gender identity

- P Money, J. & Ehrhardt, A. (1972) Rearing of a sex-reassigned normal male infant after traumatic loss of the penis, pp. 118-123 from <u>Man &</u> <u>Woman, Boy & Girl</u>, Johns Hopkins Univ. Press
- E Diamond, M. & Sigmundson, H.K. (1997) Sex reassignment at birth, Arch. Pediatr. Adolesc, Med., 151, 298-303
- P Imperato-McGinley, J., et al. (1981) The impact of androgens on the evolution of male gender identity, from S. Kogan & H. Hafez, eds., <u>Pediatric Andrology</u>, pp. 125-139, Kluwer

10/21 (Th) Language

- P Walsh, M.R. (1997) Conversational style: Do women and men speak different languages? Tannen "yes"; Aries "no" pp. 79-100 from <u>Women, Men & Gender</u>, Yale Univ. Press
- E Guiller, J. & Durndell, A. (2007) Students' linguistic behaviour in online discussion groups: Does gender matter? <u>Computers in Human Behavior</u>, 23, 2240-2255
- E Desser, D. (2000) Gender morphing in cyberspace, <u>Journal of Electronic</u> <u>Publishing</u>, 6, #1 (September 2000)

Bring gender in cyberspace posts to class for discussion

Cognition

10/26 (Tu) Cognitive skills and abilities Kimura (2000) Chapters 1, 4, 5, 7, 8 *Film: War of the Sexes: Spatial Abilities (shown in class)*

10/28 (Th) Biological factors

Kimura (2000) Chapter 9

- P Williams, C. & Meck, W. (1991) The organizational effects of gonadal steroids on sexually dimorphic spatial ability, <u>Psychoneuroendocrinology</u>, 16, #1-3, 155-176
- E Epting, L.K. & Overman, W.H. (1998) Sex-sensitive tasks in men and women: A search for performance fluctuations across the menstrual cycle, <u>Behavioral Neuroscience</u>, 112, Iss. 6, 1304-1317

11/2 (Tu) Role of experience

- P Denmark, F., Rabinowitz, V., & Sechzer, J. (2000) Ch. 6 Ability and achievement, pp. 171-195 from <u>Engendering Psychology</u>, Allyn & Bacon
- E Vasta, R., Knott, J., & Gaze, C. (1996) Can spatial training erase the gender difference on the water-level task? <u>Psychology of Women</u> <u>Quarterly</u>, 20, 549-567
- E Feng, J., Spence, I., & Pratt, J. (2007) Playing an action video game reduces gender differences in spatial cognition, <u>Psychological</u> <u>Science</u>, 18, #10, 850-855

Library research presentation: Susan Kimball (in class)

11/4 (Th) Math and Science

Kimura (2000) Chapter 6

- *P Kimball, M. (1995) Gender and math: What makes a difference? pp. 83-104 from <u>Feminist Visions of Gender Similarities & Differences</u>, Haworth Press
- E Shih, M. et al. (1999) Stereotype susceptibility, <u>Psychological</u> <u>Science</u>, 10, #1, 80-83
- Murphy, M., Steele, C., & Gross, J. (2007) Signaling threat: How situational cues affect women in math, science, and engineering settings, <u>Psychological Science</u>, 18, #10, 879-885
- 11/9 (Tu) **Discussion: Sex differences in performance on cognitive tasks** Bring analysis of sex differences on cognitive tasks to class for discussion

Issues and Topics for Research on Gender

11/11 (Th) & 11/16 (Tu) No class meetings Individual meetings to discuss final projects

Gender and Science

11/18 (Th) Is science a gendered activity?

- E Bombardieri, M. (2005) Summers' remarks on women draw fire, <u>The</u> <u>Boston Globe</u>, Jan. 17, 2005
- E Rosser, S.V. & Taylor, M.Z. (2009) Why are we still worried about women in science? <u>Academe</u>, May-June 2009, pp. 7-10
- E Selections from Women in Science '93 (1993), <u>Science</u>, 260, issue 5106, 16 April 1993, pp. 384-386, 390-391, 428-429 Is there a 'female style' in science? Seeing nature through the lens of gender
- E Begley, S. (1997) The science wars, <u>Newsweek</u>, April 21, 1997, pp. 54-56
- **E** Martin, E. (1991) The egg and the sperm, <u>Signs</u>, 16, #3, 485-501
- P Roughgarden, J. (2009) Introduction: Is nature selfish? pp. 1-13 from <u>The</u> <u>Genial Gene</u>, Univ. of California Press

11/23 & 11/25 **Thanksgiving**

- 11/30 (Tu) Presentations
- 12/2 (Th) Presentations
- 12/7 .(Tu) Presentations
- 12/9 (Th) **Presentations**
- 12/14 (Tu) Presentations

Final paper due Monday, December 20 at noon in Merrill 326