

## **CURRICULUM VITAE**

### **JOAN S. GIRGUS**

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#### **EDUCATION**

1969 Ph.D. The Graduate Faculty, New School for Social Research  
1965 M.A. The Graduate Faculty, New School for Social Research  
1963 B.A. Sarah Lawrence College

#### **PROFESSIONAL EXPERIENCE**

1996- Chair, Department of Psychology, Princeton University

1977- Professor of Psychology, Princeton University

1977-1987 Dean of the College, Princeton University

1975-1977 Dean of the Division of Social Science, The City College of the City  
University of New York

1972-1975 Associate Dean for Social Science, The City College of the City University  
of New York

1972-1977 Associate Professor, Department of Psychology, The City College of the  
City University of New York

1970-1977 Member, Doctoral Faculty in Psychology, The City University of  
New York

1969-1972 Assistant Professor, Department of Psychology, The City College of the City University of New York

## **PRINCETON UNIVERSITY ACTIVITIES**

As Dean of the College:

Chair, Committee on the Course of Study  
Committee on Examinations and Standing  
Committee on Undergraduate Admission and Financial Aid  
Council of Masters

Member, President's Cabinet

Advisory Committee on Appointments and Advancements  
Academic Deans Planning Group  
Council of the Princeton University Community  
Committee on Undergraduate Life  
Committee on Discipline

As Professor of Psychology:

Chair, Committee on Women Faculty in Science and Engineering  
Faculty Committee on Conference and Faculty Appeal

Member, Advisory Committee on Appointments and Advancements

Council of the Princeton University Community  
Executive Committee  
Faculty Advisory Committee on Policy  
Strategic Planning Committee for Faculty Issues  
President's Advisory Committee on Architecture  
Palmer Stadium Committee  
Faculty Committee on Athletics  
Committee to review personnel policies revisions  
Advisory Committee for the Benefits Review

## **OTHER ACTIVITIES**

1999- Research Seminar on the Educational Impact of Changing Student Demographics in Colleges and Universities, American Academy of Arts and Sciences

1996- Steering Committee, Knight Higher Education Collaborative

1993- Consulting Editor, Policy Perspectives

1980- Board of Trustees, McCarter Theatre

1984- Executive Committee

1998- Board of Trustees, Princeton Ballet Society

1995-99 Board of Directors, American Association for Higher Education

1987-99 Director, Pew Science Program in Undergraduate Education  
The Pew Charitable Trusts

1978-99 Board of Trustees, Sarah Lawrence College

1991-95 Vice Chair

1995-97 Chair

1993-98 Pew Higher Education Roundtable Program

Executive Committee

Coordinator, Problem-solving Clusters

1995-96 ACE Project on Leadership and Institutional Transformation,

Coordinator of Large Research University Cluster

1985-95 Board of Advisers, Eugene Lang College, New School for Social Research

1989-93 Nominating Committee, Charles A. Dana Awards in Education

1988-91 Research Committee, NCAA

1987-90 Committee A, American Association of University Professors

1987-89 Scientific Advisory Committee, American Institutes for Research,  
study of intercollegiate athletics for the NCAA

1986-89 University Council Committee on Yale College, Yale University

1982-88 Academic Requirements Committee, NCAA

1986-87 Mid-Decade Review Panel for the Program in Education and Culture,  
Ford Foundation

1983-87 Executive Committee, Consortium on Language Teaching and Learning

1983-87 Hockey Policy Committee (co-chair), ECAC

1977-87 Policy Committee, Council of Ivy Group Presidents

## **FELLOWSHIPS AND GRANTS**

1965-1967 National Science Foundation Co-operative Graduate Fellowship

1967-1968 National Institute of Mental Health Pre-Doctoral Fellowship

1971-1974 The City University of New York Faculty Research Awards

1972-1975 Public Health Service Research Grant, National Institute Child Health and Human Development

1975-1978 National Science Foundation Research Grant (with S. Coren)

1985-1990 National Institute of Mental Health Research Grant (with M. Seligman and S. Nolen-Hoeksema)

## **BOOK**

Coren, S. and Girgus, J.S. (1978). *Seeing is Deceiving: The Psychology of Visual Illusions*. Hillsdale, New Jersey: Lawrence Erlbaum Associates, Inc.

## **CHAPTERS**

Coren, S. and Girgus, J.S. (1976). Perceptual development: A distorted view. In *The Developing Individual in a Changing World*. Vol. I. Historical and Cultural Issues. Riegel, K.F. and Meacham, J.A. (eds.). The Hague: Mouton, pp. 244-254.

Girgus, J.S. and Coren, S. (1976). Seeing is deceiving. In *Psychological Research: The inside story*. Siegel, M.H. and Zeigler, H.P. (eds.). New York: Harper & Row, pp. 153-176.

Coren, S. and Girgus, J.S. (1977). Illusions and constancies. In *Perceptual Stability and Constancy: Mechanisms and Processes*. Epstein, W. (ed.). New York: John Wiley & Sons, pp. 255-285.

Coren, S. and Girgus, J.S. (1978). Visual illusions. In *Handbook of Sensory Physiology; Volume VIII*. Held, R.; Liebowitz, H.; and Teuber, H.L. (eds.). New York: Springer-Verlag Incorporated, 1978, pp. 549-568.

Nolen-Hoeksema, S. and Girgus, J.S. (1994) Achievement, depression, and gender differences in children and adolescents. In *Explanatory Style*. Buchanan, G. and Seligman, M.E.P. (eds.). Hillsdale, N.J.: Erlbaum Publishing Co.

## **ARTICLES**

- Girgus, J.S. and Hochberg, J.E. (1970). Age differences in sequential form recognition. *Psychonomic Science*, 21, 211-212.
- Gruber, H., Girgus, J. S., and Banuazizi, A. (1971). The development of object permanence in the cat. *Developmental Psychology*, 4, 9-15.
- Gellert, E., Girgus, J. S., and Cohen, J. (1971). The development of self-recognition from anterior, posterior and side views of the human body. *Journal of Genetic Psychology Monographs*, 109-174.
- Coren, S. and Girgus, J. S. (1972). Density of human lens pigmentation: in vivo measures over an extended age range. *Vision Research*, 12, 343-346.
- Coren, S. and Girgus, J. S. (1972). Illusion decrement in intersecting line figures. *Psychonomic Science*, 26, 108-110.
- Girgus, J. S., Coren, S., and Agdern, M. (1972). The interrelationship between the Ebbinghaus and Delboeuf illusions. *Journal of Experimental Psychology*, 95, 453-455.
- Coren, S. and Girgus, J. S. (1972). A comparison of five methods of illusion measurement. *Behavior Research and Instrumentation*, 4, 240-244.
- Girgus, J. S. and Hochberg, J. (1972). Age differences in shape recognition through an aperture in a free-viewing situation. *Psychonomic Science*, 28, 237-238.
- Coren, S. and Girgus, J. S. (1972). Differentiation and decrement in the Mueller-Lyer illusion. *Perception and Psychophysics*, 12, 466-470.
- Coren, S. and Girgus, J. S. (1973). Visual spatial illusions: many explanations. *Science*, 179, 503-504.
- Girgus, J. S., Coren, S., and Horowitz, L. (1973). Peripheral and central components in variants of the Mueller-Lyer illusion. *Perception and Psychophysics*, 13, 157-160.
- Girgus, J. S. (1973). A developmental approach to the study of shape processing. *Journal of Experimental Child Psychology*, 16, 363-374.
- Girgus, J. S. and Coren, S. (1973). Peripheral and central components in the formation of visual illusions. *American Journal of Optometry and Archives of the American Academy of Optometry*, 50, 533-540.
- Girgus, J. S. and Coren, S. (1973). The stability of forms under conditions of illusory distortion. *Perceptual Motor Skills*, 37, 715-719.
- Coren, S. and Girgus, J. S. (1974). Transfer of illusion decrement as a function of perceived similarity. *Journal of Experimental Psychology*, 102, 881-887.

Coren, S., Bradley, D. R., Hoenig, P., and Girgus, J. S. (1975). The effect of smooth-tracking and saccadic eye movements on the perception of size: The shrinking circle illusion. *Vision Research*, 15, 49-55.

Girgus, J. S. and Wolf, J. (1975). Age changes in the ability to encode social cues. *Developmental Psychology*, 11, 118.

Girgus, J. S., Coren, S., and Fraenkel, R. (1975). Levels of perceptual processing in the development of visual illusions. *Developmental Psychology*, 11, 268-273.

Girgus, J. S. and Coren, S. (1975). Depth cues and constancy scaling in the horizontal-vertical illusion: The bisection error. *The Canadian Journal of Psychology*, 29, 59-65.

Girgus, J. S., Coren, S., Durant, M., and Porac, C. (1975). The assessment of components involved in illusion formation using a long-term decrement procedure. *Perception and Psychophysics*, 18, 144-148.

Coren, S. and Girgus, J.S. (1975). A size illusion based upon a minimal interposition cue. *Perception*, 4, 251-254.

Coren, S., Girgus, J. S., Ehrlichman, H., and Hakstian, A. R. (1976). An empirical taxonomy of visual illusions. *Perception and Psychophysics*, 20, 129-137.

Girgus, J. S. (1976). A developmental study of the effect of eye movements on the processing of shape information. *Journal of Experimental Child Psychology*, 22, 386-399.

Girgus, J. S., Coren, S., and Porac, C. (1977). Independence of in vivo human pigmentation from ultra-violet light exposure. *Vision Research*, 1977, 17, 749-750.

Ward, L. M., Porac, C., Coren, S., and Girgus, J. S. (1977). The case for misapplied constancy scaling: Depth associations elicited by illusion configurations. *American Journal of Psychology*, 90, 609-620.

Porac, C., Coren, S., Girgus, J. S., and Verde, M. (1979). Visual-geometric illusions: unisex phenomena. *Perception*, 8, 401-412.

Coren, S. and Girgus, J. S. (1980). Principles of perceptual organization and spatial distortion: the Gestalt illusions. *Journal of Experimental Psychology: Human Perception and Performance*, 6, 404-412.

Girgus, J. S., Gellman, L. H., and Hochberg, J. (1980). The effect of spatial order on piecemeal shape recognition: A developmental study. *Perception and Psychophysics*, 28, 133-138.

Girgus, J. S. and Coren, S. (1982). Assimilation and contrast illusions: Differences in plasticity. *Perception and Psychophysics*, 32, 555-561.

Enns, J. T. and Girgus, J. S. (1985). Perceptual grouping and spatial distortion: A developmental study. *Developmental Psychology*, 21, 241-246.

Enns, J. T. and Girgus, J. S. (1985). Developmental changes in selective and integrative visual attention. *Journal of Experimental Child Psychology*, 40, 319-337.

Enns, J. T. and Girgus, J. S. (1986). A developmental study of visual integration over space and time. *Developmental Psychology*, 22, 491-499.

Nolen-Hoeksema, S., Girgus, J. S., and Seligman, M. E. P. (1986). Learned helplessness in children: A longitudinal study of depression, achievement, and explanatory style. *Journal of Personality and Social Psychology*, 51, 435-442.

Coren, S., Girgus, J. S., and Schiano, D. J. (1986). Is adaptation of orientation-specific cortical cells a plausible explanation of illusion decrement? *Bulletin of the Psychonomic Society*, 24, 207-210.

Girgus, J. S. and Coren, S. (1987). The interaction between stimulus variations and age trends in the Poggendorff illusion. *Perception and Psychophysics*, 41, 60-66.

Nolen-Hoeksema, S., Girgus, J. S., and Seligman, M. E. P. (1991). Sex differences in depression and related factors in children. *Journal of Youth and Adolescence*, 20, 231-243.

Nolen-Hoeksema, S., Girgus, J. S., and Seligman, M. E. P. (1992). Predictors and consequences childhood depressive symptoms: A 5-year longitudinal study. *Journal of Abnormal Psychology*, 101, 405-422.

Nolen-Hoeksema, S. and Girgus, J. S. (1994). The emergence of gender differences in depression during adolescence. *Psychological Bulletin*, 115, 424-443.

## **BOOK REVIEW**

Girgus, J. S. Visual illusions reviewed. A review of *The Psychology of Visual Illusions* by J.O. Robinson. In *Contemporary Psychology*, 1976, 21, 628-629.

## **DELIVERED PAPERS**

Girgus, J. S. (1970, April). The effect of age and shape-following eye movements on sequential form recognition. Presented at the meetings of the Eastern Psychological Association.

Coren, S. and Girgus, J. S. (1970, November). Age and the yellowness of the crystalline lens. Presented at the meetings of the Psychonomic Society.

Girgus, J. S. (1971, September). A new size illusion. Presented at the meetings of the American Psychological Association.

Girgus, J. S. and Hochberg, J. E. (1971, November). Effects of fixation on aperture viewing. Presented at the meetings of the Psychonomic Society.

Girgus, J. S. and Friedlander, S. (1972, April). Age and ability to predict "what comes next." Presented at the meetings of the Eastern Psychological Association.

Bradley, D. R., Hoenig, P., and Girgus, J. S. (1972, November). The effects of eye movements on apparent size. Presented at the meetings of the Psychonomic Society.

Girgus, J. S. and Coren S. (1972, December). Peripheral and central components in the formation of visual illusions. Presented at the meetings of the American Academy of Optometry.

Girgus, J. S. and Wolf, J. (1973, April). A developmental study of the ability to encode social cues. Presented at the meetings of the Society for Research in Child Development.

Girgus, J. S., Gellman, L., and Hochberg, J. (1973, May). The effect of order of input on the processing of shape information. Presented at the meetings of the Eastern Psychological Association.

Coren, S. and Girgus, J. S. (1973, August). Perceptual development: A distorted view. Presented at symposium on "Theoretical viewpoints in perceptual development: The illusion as paradigm" at the meetings of the International Society for the Study of Behavioral Development.

Girgus, J. S. and Coren, S. (1973, November). Mueller-Lyer decrement: Long-term effects and the structural minimum. Presented at the meetings of the Psychonomic Society.

Girgus, J. S. and Coren, S. (1973, December). Optical factors in the development of visual geometric illusions. Presented at the meetings of the American Academy of Optometry.

Girgus, J. S. and Coren, S. (1975, November). Assimilation and contrast illusions: Differences in plasticity. Presented at the meetings of the Psychonomic Society.

Citron, L. A. and Girgus, J. S. (1976, April). Developmental changes in the prediction of outcomes in conflict social interactions. Presented at the meetings of the Eastern Psychological Association.

Girgus, J. S. and Coren, S. (1976, June). Age differences and the Poggendorff illusion: The effect of angle size and distance between the parallels. Presented at the meetings of the Canadian Psychological Association.

Wu, R. and Girgus, J. S. (1976, September). Some correlates of information content in pictures of common objects. Presented at the meetings of the American Psychological Association.

Girgus, J. S. and Coren, S. (1976, November). Illusory distortions and the Gestalt laws of organization. Presented at the meetings of the Psychonomic Society.

Porac, C., Coren, S., Girgus, J. S., and Verde, M. (1977, April). Visual geometric illusions: A unisexed phenomenon. Presented at the meetings of the Western Psychological Association.

Girgus, J. S. (1978, April). Seeing is Deceiving: The psychology of visual illusions. Invited address before the Institute of Electrical and Electronics Engineers Computer Society Workshop on Pattern Recognition and Artificial Intelligence.

Schiano, D. J. and Girgus, J. S. (1981, April). A second look at the relational determination of the parallel-line illusion. Presented at the meetings of the Eastern Psychological Association.

Enns, J. T. and Girgus, J. S. (1982, April). Perceptual grouping and spatial distortion: A developmental study. Presented at the meetings of the Eastern Psychological Association.

Enns, J. T. and Girgus, J. S. (1983, April). Developmental changes in the perception of impossible figures. Presented at the meetings of the Society for Research in Child Development.

Enns, J. T. and Girgus, J. S. (1983, June). Developmental differences in the integration of visual information over space and time. Presented at the meetings of the Canadian Psychological Association.

Enns, J. T. and Girgus, J. S. (1984, April). Developmental changes in visual integration. Presented at the meetings of the Eastern Psychological Association, April 1984.

Enns, J. T. and Girgus, J. S. (1984, June). Developmental changes in visual selection and interaction. Presented at the meetings of the Canadian Psychological Association.

Girgus, J. S., Nolen-Hoeksema, S., and Seligman, M. E. P. (1986, November). Explanatory style, depression and academic achievement: How are they related? Presented at the meetings of the Psychonomic Society.

Nolen-Hoeksema, S., Girgus, J. S., and Seligman, M. E. P. (1987, April). Sex differences in depression and explanatory style in children. Presented at the meetings of the Eastern Psychological Association.

Paul, G., Girgus, J. S., Nolen-Hoeksema, S., and Seligman, M. E. P. (1989, April). Age trends in depression and explanatory style for good and bad events. Presented at the meetings of the Eastern Psychological Association.

Nolen-Hoeksema, S., Girgus, J. S., and Seligman, M. E. P. (1989, April). Sex differences in depression and explanatory style in pre-adolescents. Presented at the meetings of the Society for Research in Child Development.

Girgus, J. S., Nolen-Hoeksema, S., and Seligman, M. E. P. (1989, August). Why do sex differences in depression emerge during adolescence? Presented at the meetings of the American Psychological Association.

Nolen-Hoeksema, S., Girgus, J. S., and Seligman, M. E. P. (1989, August). Predictors of the onset and course of depression in children. Presented at the meetings of the American Psychological Association.

Paul, G., Girgus, J.S., Nolen-Hoeksema, S., and Seligman, M. E. P. (1990, April). Precursors of deficits in children's academic achievement. Presented at the meetings of the Eastern Psychological Association.

Girgus, J. S., Nolen-Hoeksema, S., Paul, G., and Spears, H. (1991, April). Does participation in feminine or masculine activities predict sex differences in adolescent depression? Presented at the meetings of the Eastern Psychological Association.

Girgus, J. S., Nolen-Hoeksema, S., Seligman, M. E. P., Paul, G., and Spears, H. (1991, August). Why do girls become more depressed than boys in early adolescence? Paper presented at the meetings of the American Psychological Association.

Girgus, J. S., Davis, N. B., and Cantor, N. (1993, June). Stereotypical behavior in early adolescents: What happens when the mold is broken? Poster presented at the meetings of the American Psychological Society.

Spears, H., Jemmott, J. B., and Girgus, J. S. (1994, April). Self-reported sexual activity predicts reduced self-esteem among inner-city adolescents. Paper presented at the meetings of the Society of Behavioral Medicine.

Bennett, E. and Girgus, J. S. (1994, April). The relationship between self-monitoring and discriminative facility. Paper presented at the meetings of the Eastern Psychological Association.

Girgus, J. S. and Nolen-Hoeksema, S. (1995, August). How do learned helplessness and depression affect academic achievement? Paper presented at the meetings of the American Psychological Association.

Nolen-Hoeksema, S. and Girgus, J. S. (1998, August). Worried Girls: Rumination and the Transition into Adolescence. Paper presented at the meetings of the American Psychological Association.

Nolen-Hoeksema, S. and Girgus, J. S. (2000, August). Testing Two Models for the Emergence of Gender Differences in Depression. Paper presented at the meetings of the American Psychological Association.

## **PUBLICATIONS AND TALKS ON SCIENCE EDUCATION**

Girgus, J. S. (1987, September). Science Education for the 21st Century. Keynote Address at Undergraduate Research Summer Institute. Vassar College, Poughkeepsie, New York.

Girgus, J. S. Women, Science, and Princeton. (1991, March). Introductory talk to a half-day symposium on Women, Science, and Princeton. Program in Women Studies, Princeton University, Princeton, New Jersey.

Girgus, J. S. (1992, June). Colleges and Universities in Collaboration: Let Me Count the Ways. Talk at Faculty Scholars Program Meeting. University of Kentucky, Shaker Village, KY.

Girgus, J. S. (1993, January). Changing the Culture in Mathematics and Science Education. Talk at the annual meeting of the Association of American Colleges. Seattle, Washington.

Girgus, J. S. Women and Science. (1993, January). Talk at a conference on "Putting It All Together: Women's Lives in the 90's." Princeton YWCA, Princeton, New Jersey.

Girgus, J. S. (1993, May). Should Science Faculty Approach the Teaching of Science Differently for Students with Different Goals and Interests? Remarks before the Committee on Undergraduate Science Education of the National Research Council. Washington, D.C. May, 1993.

Girgus, J. S. (1994, February). Moving into the future: Next steps in the reform of undergraduate science education: The importance of collaboration. Paper written for Project Kaleidoscope Invitational Symposium on Dealing with Success: Administrative Challenges in Sustaining the Momentum for Reform. San Antonio, TX.

Wubbels, G. G., & Girgus, J. S. (1996). The natural sciences and mathematics. In Gaff, J. G. & Ratcliff, J. (eds.), Handbook of the Undergraduate Curriculum. San Francisco: Jossey-Bass, pp. 280-300.

Girgus, J. S. (1999, October). National Issues in Undergraduate Science Education. 10th Anniversary Symposium of Project Kaleidoscope. College Park, MD.

### **PROFESSIONAL MEMBERSHIPS**

American Association for Higher Education  
American Psychological Association (Fellow)  
American Psychological Society (Fellow)  
Eastern Psychological Association  
Sigma Xi  
Society for Research in Child Development