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Educational Background

BA (1977-Psychology), MA (1978-Psychology), MS (1980-Education), and EdD (1981-Gifted), Johns Hopkins University

Dissertation

Development of Mathematical Talent

Academic Background

Dean, Peabody College of Education and Human Development, 7/98-present

Professor, Department of Psychology and Human Development, Vanderbilt University, 7/98-present

Interim Dean, College of Education, Iowa State University, 7/96-6/98

Chair, Department of Psychology, Iowa State University, 7/92-6/98

Distinguished Professor, Department of Psychology, Iowa State University, 7/95-6/98

Professor, Department of Psychology, Iowa State University, 8/90-6/95

Associate Professor, Department of Psychology, Iowa State University, 7/85-8/90

Assistant Professor, Department of Sociology (part-time), Johns Hopkins University, 7/83-4/86

Associate Research Scientist, Department of Psychology, Johns Hopkins University, 5/81-4/86

Administrative Positions (Not Listed Above)

Director, Iowa Talent Search Program, Iowa State University, 8/89-6/98

Director, Office of Precollegiate Programs for Talented and Gifted, Iowa State University, 9/87-6/98

Director, CY-TAG (Challenges for Youth - Talented and Gifted), Iowa State University, 9/86-6/98

Co-Director, Iowa Governor's Institute for the Gifted and Talented, Iowa State University, 10/89-91

Co-Director, Study of Mathematically Precocious Youth (SMPY), 7/91-present

Director, Study of Mathematically Precocious Youth (SMPY), Iowa State University, 5/86-6/91

Co-Director of Study of Mathematically Precocious Youth (SMPY), Johns Hopkins University, 7/85-4/86

Associate Director, Study of Mathematically Precocious Youth (SMPY), Johns Hopkins University, 5/81-7/85

Assistant Director, Study of Mathematically Precocious Youth, Johns Hopkins University, 6/79-6/81

Books

- Benbow, C. P., & Lubinski, D. (Eds.). (1996). *Intellectual talent: Psychometric and social issues*. Baltimore, MD: Johns Hopkins University Press.
- Benbow, C. P., & Stanley, J. C. (Eds.). (1983). *Academic precocity: Aspects of its development*. Baltimore, MD: Johns Hopkins University Press.

Publications (Refereed)

- Wai, J., Lubinski, D., Benbow, C. P., & Steiger, J. H. (under review). Accomplishments in science, technology, engineering, and mathematics (STEM) and its relation to STEM educational dose: A 25-year longitudinal study.
- Ferriman, K., Lubinski, D., & Benbow, C. P. (2009). Work preferences, life values, and personal views of top math/science graduate students and the profoundly gifted: Developmental changes and sex differences during emerging adulthood and parenthood. *Journal of Personality and Social Psychology, 97*, 517-532.
- Wai, J., Lubinski, D., & Benbow, C. P. (2009). Spatial ability for STEM domains: Aligning over fifty years of cumulative psychological knowledge solidifies its importance. *Journal of Educational Psychology, 101*, 817-835.
- Park, G., Lubinski, D., & Benbow, C. P. (2008). Ability differences among people who have commensurate degrees matter for scientific creativity. *Psychological Science, 19*, 957-961.
- Halpern, D. F., Benbow, C. P., Geary, D. C., Gur, R., Hyde, J. S., & Gernsbacher, M. A. (2007). The science of sex differences in science and mathematics. *Psychological Science in the Public Interest, 8*, 1-51.
- Park, G., Lubinski, D., & Benbow, C. P. (2007). Contrasting intellectual patterns for creativity in the arts and sciences: Tracking intellectually precocious youth over 25 years. *Psychological Science, 18*, 948-952.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2007). Spatial ability: A neglected dimension in talent searches for intellectually precocious youth. *Journal of Educational Psychology, 99*, 397-420.
- Lubinski, D., & Benbow, C. P. (2006). Study of Mathematically Precocious Youth after 35 years: Uncovering antecedents for the development of math-science expertise. *Perspectives on Psychological Science, 1*, 316-345.
- Benbow, C. P., & Lubinski, D. (2006). Julian C. Stanley, Jr. (1918-2005). *American Psychologist, 61*, 251-252.
- Lubinski, D., Benbow, C. P., Webb, R. M., & Bleske-Rechek, A. (2006). Tracking exceptional human capital over two decades. *Psychological Science, 17*, 194-199.
- Wai, J., Lubinski, D., & Benbow, C. P. (2005). Vocational achievement and creativity among intellectually precocious youth: An age 13 to age 33 longitudinal study. *Journal of Educational Psychology, 97*, 484-492.
- Bleske-Rechek, A., Lubinski, D., & Benbow, C. P. (2004). Meeting the educational needs of special populations: Advanced Placement's role in developing exceptional human capital. *Psychological Science, 15*, 217-224.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2002). Mathematically facile adolescents with math/science aspirations: New perspectives on their educational and vocational development. *Journal of Educational Psychology, 94*, 785-794.
- Lubinski, D., Benbow, C. P., Shea, D. L., Eftekhari-Sanjani, H., & Halvorson, M. B. J. (2001). Men and women at promise for scientific excellence: Similarity not dissimilarity. *Psychological Science, 12*, 309-317.

- Lubinski, D., Webb, R. M., Morelock, M. J., & Benbow, C. P. (2001). Top 1 in 10,000: A 10-year follow-up of the profoundly gifted. *Journal of Applied Psychology, 86*, 718-729.
- Shea, D. L., Lubinski, D., & Benbow, C. P. (2001). Importance of assessing spatial ability in intellectually talented young adolescents: A 20-year longitudinal study. *Journal of Educational Psychology, 93*, 604-614.
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- Lubinski, D., & Benbow, C. P. (2000). States of excellence. *American Psychologist, 55*, 137-150.
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- Dark, V. J., & Benbow, C. (1990). Mathematically talented students show enhanced problem translation and enhanced short-term memory for digit and spatial information. *Journal of Educational Psychology*, 82, 420-429.
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- Benbow, C. P. (1988). Sex-related differences in precocious mathematical reasoning ability: Not illusory, not easily explained. *Behavioral and Brain Sciences*, 11, 217-232.
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- Benbow, C. P., & Stanley, J. C. (1983). Differential course-taking hypothesis revisited (A commentary). *American Educational Research Journal*, 4, 469-473.
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Publications (Other)

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Chapters

- Stambaugh, T. & Benbow, C. P. (in press). Philosophy and Policies to Guide Middle School Mathematics Instruction: Issues of Identification, Acceleration, and Grouping. In M. Saul, S. Assouline, and L. Sheffield (Eds.) *The Peak in the Middle*. Reston, VA: National Council of Teachers of Mathematics.
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Grants

My research program has been continuously funded since 1981 through grants from the National Science Foundation, Department of Education, Spencer Foundation, Atlantic Philanthropic Service, and the Templeton Foundation, among others.

Courses Taught

- Creativity and Genius (Undergraduate)
- Developmental Psychology (Undergraduate, enrollment=650 per semester)
- Psychological Characteristics of Giftedness (Undergraduate & Graduate)
- Seminar on Intellectual Talent (Graduate)
- Sex Differences (Undergraduate)
- Theories of Intelligence (Graduate)

Vanderbilt University Service

Faculty Advisory Committee for Chancellor Search Committee, 2007-2008

Search Committee of the Director of the Center of the Americas, 2003-2004

Marketing Task Force, 2003-2004

Dean's Academic Council, Chair, 2002-2006

Task Force on Graduate Education, Co-Chair, 2002-2003

Strategic Academic Planning Group II, 2001-2003

Indirect Cost Committee, 2001-2002

Dean of Divinity Search Committee, 2000-2001

Associate Provost for Research Search Committee, 1999-2001

Strategic Academic Planning Group I, 1999-2001

Committee on the Professor of the Practice, 1998-2001

Professional Service Committees

Mayor's Task Force on High School Dropouts (Nashville), 2008

National Science Board, 2006-

American Educational Research Association, Fellow Committee, 2007-

Math/Science Teacher Imperatives, National Association of State Universities and Land-Grant Colleges, 2006-2008

American Psychological Foundation Board, 2001-

National Math Panel, Vice-Chair, 2006-2008

NASULGC (A Public University Association) Science and Mathematics Teacher Imperative Commission, 2007-

NCATE Task Force on Specialty Program Accreditation, 2003-2004

Executive Committee, Association of Colleges & Schools of Education in State Universities, Land Grant Colleges, and Affiliated Private Universities (ACSESULGC/APU), 2002-2007
Chair of Evidence Based Practice Subcommittee

OIA, American Educational Research Association (AERA) Board Member, 2002-2004

Publications Committee, Division 15 of APA, 2001-2004

National Research Council Panel on Advanced Study in Math and Science, 1999-2002

American Psychological Association's Presidential Task Force on Prevention-Chair of Sub-Committee on Nurturing High Talent, 1997-1999

American Psychological Association's Committee on Accreditation-Representing the Council of Graduate Departments of Psychology, 1996-1999

Iowa Academy of Education, Vice-President & President-elect, 1996-98

Annual Convention Program Planning Committee, American Educational Research Association, 1994-95

Research Science Institute Selection Committee, 1993

Publications Committee, National Association of Gifted Children, 1990-93

NSF Review Panel for the Early Scholars Program, 1990-92

Honors

Inaugural Fellow, AERA, 2009

APA George A. Miller Award - Division 1 (Outstanding Article in General Psychology), 2009

Fellow, AERA

Distinguished Alumna Award, Johns Hopkins University, 2008

Mensa Education Research Foundation (MERF) Lifetime Achievement Award, 2004

Fellow, APA Divisions 3 and 15

Fellow, Association for Psychological Science

APA George A. Miller Award - Division 1 (Outstanding Article in General Psychology), 1999

Phi Kappa Phi, 1997

Iowa Academy of Education - Charter Member, 1996

American Association of University Women Distinguished Scholar Award, 1996

Distinguished Professor, 1995

Distinguished Scholar Award, National Association for Gifted Children, 1992

Who's Who in America, 1991

Society of Scholars, The Johns Hopkins University, 1991

Best Research Paper on Gifted--National Association of Gifted Children, 1987

Early Scholar Award of the National Association of Gifted Children, 1985

Mensa Award for Research Excellence, 1985, 1986, 1989, 1992, 1994, 1995, 1997, 2002

Spencer Fellow, alternate, 1984, 1985, 1986

American Educational Research Association, Division E, Research Award in Human Development, 1983

Doctorate with Distinction, The Johns Hopkins University, 1981

John Curtis Gowan Graduate Student Research Prize of the National Association for Gifted Children,
November 1980, 1981

Phi Beta Kappa, The Johns Hopkins University, 1977

BA with Honors, The Johns Hopkins University, 1977