BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
Lubinski, David	Professor
eRA COMMONS USER NAME (credential, e.g., agency login)	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
University of Minnesota at Minneapolis	BA	1981	Psychology
University of Minnesota at Minneapolis	PhD	1987	Psychology

A. Positions and Honors

Positions and Employment

1987-1989 Postdoctoral Fellow, Quantitative Methods Training Program, Dept of Psychology, University of Illinois, Champaign-Urbana
1989-1990 Visiting Assistant Professor, Dept of Psychology, University of Illinois, Champaign-Urbana
1990-1994 Assistant Professor, Dept of Psychology, Iowa State University, Ames
1991-1998 Co-Director, Study of Mathematically Precocious Youth (SMPY) at ISU
1994-1998 Associate Professor, Dept of Psychology, Iowa State University, Ames
1994-1998 Director, Psychometrics and Applied Individual Differences (PAID) Division
1998-2001 Associate Professor of Psychology and Human Development, Vanderbilt University
1999-pres Director of Graduate Studies, Department of Psychology, Vanderbilt University
2001-pres Professor of Psychology and Human Development, Vanderbilt University

B. Selected Peer-reviewed Publications (in chronological order)

Lubinski, D., & Humphreys, L. G. (1990). A broadly based analysis of mathematical giftedness. *Intelligence, 14*, 327-355.
Lubinski, D., & Humphreys, L. G. (1990). Assessing spurious "moderator effects": Illustrated substantively with the hypothesized ("synergistic") relation between spatial visualization and mathematical ability. *Psychological Bulletin, 107*, 385-393.
Lubinski, D., & Benbow, C. P. (1992). Gender differences in abilities and preferences among the gifted: Implications for the math/science pipeline. *Current Direction sin Psychological Science, 1*, 61-66.
Lubinski, D., & Davis, R. V. (1992). Aptitudes, skills, and proficiencies. In M. D. Dunnette & L. M. Hough (Eds.), *The Handbook of industrial/organizational psychology*, 2nd Ed, (pp. 1-59). Palo Alto: Consulting Psychologists Press.
Lubinski, D., & Humphreys, L. G. (1992). Some bodily and medical correlates of mathematical giftedness and commensurate levels of socioeconomic status. *Intelligence, 16*, 99-115.
Humphreys, L. G., Lubinski, D., & Yao, G. (1993). Some curious regressions on a measure of general intelligence. *Journal of School Psychology, 31*, 385-405.
Humphreys, L. G., Lubinski, D., & Yao, G. (1993). Utility of predicting group membership: Exemplified by the role of spatial visualization for becoming an engineer, physical scientist, or artist. *Journal of Applied Psychology, 78*, 250-261.
Lubinski, D., & Thompson, T. (1993). Animal models: Nature made us, but was the mold broken? *Behavioral and Brain Sciences, 16*, 664-680.
Lubinski, D., & Thompson, T. (1993). Species and individual differences in communication based on private states. *Behavioral and Brain Sciences, 16*, 627-642.
Lubinski, D., & Benbow, C. P. (1995). Optimal development of talent: Respond educationally to individual differences in personality. *Educational Forum, 59*, 381-392.
Lubinski, D., Benbow, C. P., & Ryan, J. (1995). Stability of vocational interests among the intellectually gifted from adolescence to adulthood: A 15-year longitudinal study. *Journal of Applied Psychology, 80*, 90-94.
Sanders, C. E., Lubinski, D., Benbow, C. P. (1995). Does the Defining Issues Test measure psychological phenomena distinct from verbal ability: An examination of Lykken's query. *Journal of Personality and Social Psychology, 69*, 498-504.

Achter, J. A., Lubinski, D., & Benbow, C. P. (1996). Multipotentiality among intellectually gifted: "It was never there and already it's vanishing." *Journal of Counseling Psychology, 43*, 65-76.

Benbow, C. P., Lubinski, D., & Suchy, B. (1996). Impact of the SMPY model and programs from the perspective of the participant . In C. P. Benbow & D. Lubinski (Eds.), *Intellectual Talent: Psychometric and Social Issues* (pp. 226-300). Baltimore: Johns Hopkins University Press.

Lubinski, D. (1996). Applied individual differences research and its quantitative methods. *Psychology, Public Policy, and Law, 2*, 187-203.

Lubinski, D., & Humphreys, L. G. (1996). Seeing the forest from the trees: When predicting the behavior or status of groups, correlate means. *Psychology, Public Policy, and Law, 2*, 363-376.

Lubinski, D., Schmidt, D. B., & Benbow, C. P. (1996). A 20-year stability analysis of the Study of Values for intellectually gifted individuals from adolescence to adulthood. *Journal of Applied Psychology, 81*, 443-451.

Petrill, S. A., Plomin, R., McClearn, G. E., Smith, D. L., Vignetti, S., Chorney, M. J., Chorney, K., Thompson, L. A., Detterman, D. K., Benbow, C. P., Lubinski, D., Daniels, J., Owen, M. J., & McGuffin, P. (1996). DNA markers associated with general and specific cognitive abilities. *Intelligence, 23*, 191-203.

Achter, J. A., Benbow, C. P., & Lubinski, D. (1997). Rethinking multipotentiality among the intellectually gifted: A critical review and recommendations. *Gifted Child Quarterly, 41*, 5-15.

Lubinski, D., & Humphreys, L. G. (1997). Incorporating general intelligence into epidemiology and the social sciences. *Intelligence, 24*, 159-201.

Achter, J. A., Lubinski, D., Benbow, C. P., & Sanjani, H. (1999). Assessing vocational preferences among gifted adolescents adds incremental validity to abilities: A discriminant analysis of educational outcomes over a 10-year interval. *Journal of Educational Psychology, 91*, 777-786.

Benbow, C. P., Lubinski, D., & Sanjani, H. E. (1999). Our future leaders in science: Who are they? Can we identify them early? In N. Colangelo, S. A. Assouline, & D. L. Ambroson (Eds.), *Talent development* (Vol. 3). Dayton, OH: Ohio Psychology Press.

Fisher, P. J., Turic, D., Williams, N. M., McGiffin, P., Asherson, P., Ball, D., Craig, I., Eley, T., Hill, L., Chorney, K., Chorney, M. J., Benbow, C. P., Lubinski, D., Plomin, R., & Owen, M. J. (1999). DNA pooling identifies QTLs for general cognitive ability in children on chromosome 4. *Hum Molec Genetics, 8*, 915-922.

Hill, L., Asherson, P., Ball, D., Eley, T., Ninomiya, T., Fisher, P. J., Turic, D., McGiffin, P., Owen, M. J., Chorney, K., Chorney, M. J., Benbow, C. P. , Lubinski, D., Plomin, R., & Owen, M. J. (1999). DNA pooling and dense marker maps: A systematic search for genes for cognitive ability. *NeuroReport, 10*, 843-848.

Benbow, C. P., Lubinski, D., Sanjani, H. E., & Shea, D. L. (2000). Sex differences in mathematical reasoning ability: Their status 20 years later. *Psychological Science, 11*, 474-480.

Hogan, R., Harkness, A. H., & Lubinski, D. (2000). Personality and individual differences. In K. Pawlik and M. R. Roseenzweig (Eds.), *International handbook of psychology* (pp.283-304). London: Sage.

Lubinski, D. (2000). Intelligence: Success and fitness. In J. Goody (Ed.), *The nature of intelligence* (Novartis Foundation Symposium No. 233,). New York: John Wiley and Sons.

Lubinski, D. (2000). Measurement of intelligence and IQ tests. In A. E. Kazden (Ed.), *Encyclopedia of Psychology* (8C, 113-123). Washington, DC: American Psychological Association Press.

Lubinski, D. (2000). Scientific and social significance of assessing individual differences: "Sinking shafts at a few critical points." *Annual Review of Psychology, 51*, 405-444.

Lubinski, D., & Benbow, C. P. (2000). States of excellence: A psychological interpretation of their emergence. *American Psychologist, 51*, 137-150.

Lubinski, D., Benbow, C. P., & Morelock, M. (2000). Gender differences in engineering and the physical sciences among the gifted: An inorganic-organic distinction. In K. A. Heller, F. J. Mons, R. J. Sternberg, & R. F. Subotnik (Eds.), *International handbook for research on giftedness and talent* (2nd ed.). Oxford: Pergamon Press.

Lubinski, D., & Benbow, C. (2001). Choosing excellence. *American Psychologist, 56,* 76-77.

Lubinski, D., Benbow, C., Shea, D. L., Eftekhari-Sanjani, H., & Halvorson, M. B. J. (2001). Men and woman at promise for scientific excellence: Similarity not dissimilarity. *Psychological Science, 12.*

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.*

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.*

Hill, L., Chorney, M., J., Lubinski, D., Thompson, L. A., & Plomin, R. (2002). A quantitative trait locus not associated with cognitive ability in children: A failure to replicate. Psychological Science, 13, 561-562.

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. (2003). Lloyd Girton Humphreys (1913-2003). *Psychometrika,* 68, 483-484.

Lubinski, D. (2004). Introduction to the special section on cognitive abilities: 100 years after Spearman's (1904) "'General intelligence,' objectively determined and measured." *Journal of Personality and Social Psychology, 86,* 96-111.
Lubinski, D. (2004). Lloyd G. Humphreys: Quintessential scientist (1913-2003). *Intelligence, 32,* 221-226.
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.
Lubinski, D. (2004). John Bissell (Jack) Carroll. *American Psychologist, 59,* 43-44.
Wai, J., Lubinski, D., & Benbow, C. P. (2005). Creativity and occupational accomplishments among intellectually precocious youth: An age 13 to age 33 longitudinal study. *Journal of Educational Psychology, 97,* 484-492.
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.
Lubinski, D (2006). Lloyd G. Humphreys: 1913-2003. *American Journal of Psychology, 119*, 301-310.
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.
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.
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.

C. Research Support

Ongoing Research Support

Benbow & Lubinski (PI) 10/01/02 - 09/30/09
Anonymous Funding Corporation
The Study of Mathematically Precocious Youth: 50 Year Longitudinal Study
Role: Co-PI