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Educational Background

BA - University of Minnesota, 1981: Summa cum laude with major in Psychology

Honors Thesis:

On a qualitative distinction between hypothetical constructs and intervening variables

PhD - University of Minnesota, 1987: Psychology

Dissertation:

An animal model of the interpersonal communication of interoceptive ("private") states

Postdoctoral Fellow - University of Illinois, Champaign-Urbana, 1987-1990: Quantitative Methods Training Program, Department of Psychology

Awards and Honors

Distinguished Scholar Award, National Association for Gifted Children (2006)

James McKeen Cattell Sabbatical Award (2003-2004)

Top 5% Productivity Rating Among Developmental Science Faculty (*Developmental Review*, 21), 2001

APA & Templeton Foundation: Templeton Award for Positive Psychology, 2000

Marquis Who's Who in America, 1999

APA Distinguished Scientific Award for Early Career Contribution to Psychology
(Applied Research/Psychometrics), 1996

APA George A. Miller Award - Division I (Outstanding Article in General Psychology), 1996

AERA Research Excellence Award - Division E (Counseling and Human Development), 1995

Mensa Awards for Research Excellence, 1990, 1991, 1994, 1999, 2002, 2003, 2008

Dissertation Fellowship, University of Minnesota, 1985-86

Eva O. Miller Fellowship, University of Minnesota, 1984-85

Academic Background

Professor, Vanderbilt University, Department of Psychology and Human Development, 2001

Associate Professor, Vanderbilt University, Department of Psychology and Human Development,
1998-2001

Associate Professor, Iowa State University, Department of Psychology, 1994-1998

Assistant Professor, Iowa State University, Department of Psychology, 1990-1994

Administrative Background

Director of Graduate Studies, Department of Psychology and Human Development, Vanderbilt University, 1999-2003

Co-Director, Study of Mathematically Precocious Youth (SMPY), 1991-present

Director, Psychometrics and Applied Individual Differences (PAID) Division, Department of Psychology, Iowa State University, 1994-1998

Editorial Experience

Guest Editor (2004). Special Section: Cognitive abilities: 100 years after Spearman's (1904) "'General intelligence,' objectively determined and measured." *Journal of Personality and Social Psychology: Personality Processes and Individual Differences (JPSP: PPID)*, 86, 96-199.

Associate Editor, *JPSP: PPID* (2002-2003)

Guest Editor, *American Psychologist*, Methodology & Individual Differences (1998-1999, 2002)

Guest Editor. (1996). Special Issue: Applied Individual Differences Research: Its Quantitative Methods and Its Policy Relevance. *Psychology, Public Policy, and Law*, 2, 187-392.

Associate, *Behavioral and Brain Sciences* (1993-Present)

Editorial Board, *The Behavior Analyst* (1989-1991); *JPSP: PPID* (1997-2001, 2004-); *Perspectives on Psychological Science* (2008-); and *Psychological Science* (2009-).

Referee, *American Journal of Psychology*, *American Psychologist*, *Applied Psychological Measurement*, *Behavioral and Brain Sciences*, *Behavior and Philosophy*, *Developmental Psychology*, *Gifted Child Quarterly*, *Intelligence*, *Journal of Applied Psychology*, *Journal of Educational Psychology*, *Journal of Consulting and Clinical Psychology*, *Journal of Personality and Social Psychology*, *Journal of Science and Technology*, *Journal of Vocational Behavior*, *Journal of Youth and Adolescence*, *Multivariate Behavioral Research*, *Personality and Social Psychology Bulletin*, *Perspectives on Psychological Science*, *Psychological Assessment*, *Psychological Bulletin*, *Psychological Review*, *Psychological Science*, *Sex Roles*, Sage Publishers (prospectus reviewer), *Science*, *The American Statistician*

Professional Memberships

American Psychological Association
(Fellow, Divisions 1 & 5)

Association for Psychological Science
(Fellow)

International Society for Intelligence Research
(Advisory Committee)

International Society for the Study of Individual Differences

Society for Multivariate Experimental Psychology

Committee and Program Chair

APA (2008, Chair, Early Career Award in Applied Psychology)

APA (2003, Division 1, General Psychology)

Books

- Benbow, C. P., & Lubinski, D. (Eds.). (1996). *Intellectual talent: Psychometric and social issues*. Baltimore: Johns Hopkins University Press.
- Lubinski, D., & Dawis, R. V. (Eds.). (1995). *Assessing individual differences in human behavior: New methods, concepts, and findings*. Palo Alto, CA: Consulting Psychologists Press.

Publications (Refereed Outlets)

- 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.
- Lubinski, D. (under review). Spatial ability: Putting it to applied and theoretical use is long overdue.
- Haworth, C. M. A., Wright, M. J., Martin, N. G., Boomsma, D. I., Hewitt, J. K., Iacono, W. G., McGue, M., Petrill, S. A., Lubinski, D., & Plomin, R. (2009). The heritability of general cognitive ability increases linearly from childhood to young adulthood: An analysis of 11,000 twin pairs. *Molecular Psychiatry*, 1-9.
- Haworth, C. M. A., Wright, M. J., Martin, N. G., Boomsma, D. I., Hewitt, J. K., Iacono, W. G., McGue, M., Petrill, S. A., Lubinski, D., & Plomin, R. (2009). A twin study of the genetics of high cognitive ability selected from 11,000 twin pairs in six studies from four countries. *Behavior Genetics*, 39, 359-370.
- Lubinski, D. (2009). Exceptional cognitive ability: The phenotype. *Behavior Genetics*, 39, 350-358.
- 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.
- Lubinski, D. (2009). Cognitive epidemiology: With emphasis on untangling cognitive ability and socioeconomic status. *Intelligence*, 37, 625-633.
- 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.
- 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.
- Lubinski, D. (2006). Lloyd G. Humphreys: 1913-2003. *American Journal of Psychology*, 119, 301-310.
- 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). Creativity and occupational accomplishments among intellectually precocious youth: An age 13 to age 33 longitudinal study. *Journal of Educational Psychology, 97*, 484-492.
- 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.
- 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. (2003). Lloyd Girton Humphreys (1913-2003). *Psychometrika, 68*, 483-484.
- 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., & Benbow, C. P. (2001). Choosing excellence. *American Psychologist, 56*, 76-77.
- 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.
- Plomin, R., Hill, L., Craig, I., McGuffin, P., Purcell, S., Sham, P., Lubinski, D., Thompson, L., Fisher, P. J., Turic, D., & Owen, M. J. (2001). A genome-wide scan of 1847 DNA markers for allelic associations with general cognitive ability: A five stage design using DNA pooling. *Behavior Genetics, 31*, 497-509.
- 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.
- Benbow, C. P., Lubinski, D., Shea, D. L., & Eftekhari-Sanjani, H. (2000). Sex differences in mathematical reasoning ability: Their status 20 years later. *Psychological Science, 11*, 474-480.
- 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. *American Psychologist, 55*, 137-150.
- Achter, J. A., Lubinski, D., Benbow, C. P., & Eftekhari-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.
- Fisher, P. J., Turic, D., Williams, N. M., McGuffin, 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. *Human Molecular Genetics*, 8, 915-922.
- Hill, L., Asherson, P., Ball, D., Eley, T., Ninomiya, T., Fisher, P. J., Turic, D., McGuffin, P., Owen, M. J., Chorney, K., Chorney, M. J., Benbow, C. P., Lubinski, D., Thompson, L. A., Plomin, R. (1999). DNA pooling and dense marker maps: A systematic search for genes for cognitive ability. *NeuroReports*, 10, 843-848.
- Ball, D., Hill, L., Eley, T. C., Chorney, M. J., Chorney, K., Thompson, L. A., Detterman, D. K., Benbow, C. P., Lubinski, D., Owen, M., McGuffin, P., & Plomin, R. (1998). Dopamine markers and general cognitive ability. *NeuroReports*, 9, 347-349.
- Chorney, M. J., Chorney, K., Seese, N., Owen, M. J., McGuffin, P., Daniels, J., Thompson, L. A., Detterman, D. K., Benbow, C. P., Lubinski, D., Eley, T. C., & Plomin, R. (1998). A quantitative trait locus (QTL) associated with cognitive ability in children. *Psychological Science*, 9, 159-166.
- Petrill, S. A., Ball, D., Hill, L., Plomin, R., McClearn G. E., Smith, D. L., Chorney, K., Chorney, M., Seese, N., Detterman, D. K., Thompson, L. A., Benbow, C. P., Lubinski, D., Daniels, J., Owen, M. J., & McGuffin, P. (1998). Failure to replicate a QTL association between a DNA marker identified by EST00083 and IQ. *Intelligence*, 25, 179-184.
- 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., & McGuffin, P. (1998). No association between general cognitive ability and the A1 Allele of the D2 dopamine receptor gene. *Behavior Genetics*, 27, 29-31.
- Schmidt, D. B., Lubinski, D., & Benbow, C. P. (1998). Validity of assessing educational-vocational preference dimensions among intellectually talented 13-year olds. *Journal of Counseling Psychology*, 45, 436-453.
- 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. (1996). Multipotentiality among intellectually gifted: "It was never there and already it's vanishing." *Journal of Counseling Psychology*, 43, 65-76.
- 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.
- 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.
- 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. (1992). Gender differences in abilities and preferences among the gifted: Implications for the math/science pipeline. *Current Directions in Psychological Science, 1*, 61-66.
- Lubinski, D., & Humphreys, L. G. (1992). Some bodily and medical correlates of mathematical giftedness and commensurate levels of socioeconomic status. *Intelligence, 16*, 99-115.
- 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., & Thompson, T. (1987). An animal model of the interpersonal communication of introceptive ("private") states. *Journal of the Experimental Analysis of Behavior, 48*, 1-15.
- Thompson, T., & Lubinski, D. (1986). Units of analysis and the kinetic structure of behavioral repertoires. *Journal of the Experimental Analysis of Behavior, 46*, 219-242.
- Lubinski, D., & MacCorquodale, K. (1984). "Symbolic communication" between two pigeons (*Columba livia*) without unconditioned reinforcement. *Journal of Comparative Psychology, 98*, 372-380.
- Lubinski, D. (1983). The androgyny dimension: A comment on Stokes, Childs, and Fuehrer. *Journal of Counseling Psychology, 30*, 130-133.
- Lubinski, D., Tellegen, A., & Butcher, J. N. (1983). Masculinity, femininity, and androgyny: Viewed and assessed as distinct concepts. *Journal of Personality and Social Psychology, 44*, 428-439.
- Tellegen, A., & Lubinski, D. (1983). Some methodological comments on labels, traits, interaction, and types in the study of "femininity" and "masculinity": Reply to Spence. *Journal of Personality and Social Psychology, 44*, 447-455.
- Lubinski, D., Tellegen, A., & Butcher, J. N. (1981). The relationship between androgyny and subjective indicators of emotional well-being. *Journal of Personality and Social Psychology, 40*, 722-730.

Reviews

- Lubinski, D. (2001). Interests: A critical domain of psychological diversity: Review of M. L. Savickas and A. R. Spokane (Eds.), *Vocational interests: Meaning, measurement, and counseling use*. *Contemporary Psychology*, 46, 82-86.
- Lubinski, D. (1996). Conceptualizations of "Intelligence": Review of Jean Khalfa's "What is intelligence?" *American Scientist*, 84, 86-87.
- Lubinski, D. (1995). A "must read": Review of Daniel Seligman's *A question of intelligence*. *Contemporary Psychology*, 40, 967-968.
- Lubinski, D., & Benbow, C. P. (1995). An opportunity for "Accuracy": Rejoinder to Gardner's "Response on four fronts." *Contemporary Psychology*, 40, 939-940.
- Lubinski, D., & Benbow, C. P. (1995). An opportunity for empiricism: Review of Howard Gardner's *Multiple intelligences: The theory in practice*. *Contemporary Psychology*, 40, 935-938.

Book Chapters

- Benbow, C. P., & Lubinski, D. (in press). Extending Sandra Scarr's ideas about development to the longitudinal study of intellectually precocious youth. In K. McCartney and R. A. Weinberg (Eds.), *Understanding development: A Festschrift for Sandra Scarr*. Taylor & Francis: London.
- Wai, J., Lubinski, D., & Benbow, C. P. (2009). Aligning promise and passion: Best practices for educating intellectually talented youth. In J. S. Renzulli, E. J. Gubbins, K. S. McMillen, R. D. Eckert, & C. A. Little (Eds.) *Systems and models for developing programs for the gifted and talented* (2nd Ed., pp. 693-716). Mansfield Center, CT: Creative Learning Press, Inc.
- Lubinski, D., & Bleske-Rechek, A. (2007). Enhancing development in intellectually talented populations. In P. C. Kyllonen, R. D. Roberts, and L. Stankov (Eds.), *Enhancing intelligence: Extending new constructs* (pp. 93-113). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Lubinski, D., & Benbow, C. P. (2007). Personal attributes for the development of scientific expertise. In S. J. Ceci and W. M. Williams (Eds.) *Why aren't more women in science?: Top researchers debate the evidence* (pp. 79-100). Washington, DC: American Psychological Association.
- Lubinski, D. (2006). Ability tests. In M. Eid and E. Diener (Eds.), *Handbook of multimethod measurement in psychology* (pp. 101-114). Washington, DC: American Psychological Association.
- Achter, J. A., & Lubinski, D. (2005). Blending promise with passion: Best practices for counseling intellectually talented youth. In S. D. Brown and R. W. Lent (Eds.), *Career development counseling: Putting theory and research to work*. (pp. 600-624). Hoboken, NJ: John Wiley & Sons.
- Lubinski, D. (2004). Long term effects of educational acceleration (pp. 23-37). In N. Colangelo, S. Assouline, and M. Gross (Eds.) *The Templeton National Report on Acceleration*. Iowa City, IA: University of Iowa.
- Achter, J. A., & Lubinski, D. (2003). Fostering exceptional development in intellectually talented populations. In W. B. Walsh (Ed.), *Counseling psychology and optimal human functioning* (pp. 25-54). Mahwah, NJ: Lawrence Erlbaum Associates.
- Lubinski, D. (2003). Exceptional spatial abilities. In N. Colangelo & G. A. Davis (Eds.), *Handbook of gifted education* (3rd ed., pp. 521-532). Boston: Allyn and Bacon.
- Hogan, R., Harkness, A., & Lubinski, D. (2000). Personality and individual differences. In K. Pawlik and M. R. Rosenzweig (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, pp. 6-36). New York: John Wiley and Sons.
- 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. Monks, R. J. Sternberg, & R. F. Subotnik (Eds.), *International handbook for research on giftedness and talent* (2nd ed., pp. 627-641). Oxford: Pergamon Press.
- Benbow, C. P., Lubinski, D., & Eftekhari-Sanjani, H. (1999). Our future leaders in science: Who are they? Can we identify them early? In N. Colangelo, & S. G. Assouline (Eds.), *Talent development* (Vol. 3, pp. 59-70). Dayton, OH: Ohio Psychology Press.
- Benbow, C. P., & Lubinski, D. (1997). Intellectually talented children: How can we best meet their needs? In N. Colangelo & G. A. Davis (Eds.), *Handbook of gifted education* (2nd ed., pp. 155-169). Boston: Allyn and Bacon.
- 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. 266-300). Baltimore: Johns Hopkins University Press.
- Humphreys, L. G., & Lubinski, D. (1996). Brief history and psychological significance of assessing spatial visualization. In C. P. Benbow & D. Lubinski (Eds.), *Intellectual talent: Psychometric and social issues* (pp. 116-140). Baltimore: Johns Hopkins University Press.
- Benbow, C. P., & Lubinski, D. (1994). Individual differences among the mathematically gifted: Their educational and vocational implications. In N. Colangelo, S. G. Assouline, & D. L. Ambroson (Eds.), *Talent development* (Vol. 2, pp. 83-100). Dayton, OH: Ohio Psychology Press.
- Lubinski, D., & Benbow, C. P. (1994). The Study of Mathematically Precocious Youth (SMPY): The first three decades of a planned 50-year study of intellectual talent. In R. Subotnik & K. Arnold (Eds.), *Beyond Terman: Longitudinal studies in contemporary gifted education* (pp. 255-281). Norwood, NJ: Ablex.
- Benbow, C. P., & Lubinski, D. (1993). Consequences of gender differences in mathematical reasoning ability and some biological linkages. In M. Haug, R. E. Whalen, C. Aron, & K. L. Olsen (Eds.), *The development of sex differences and similarities in behaviour* (pp. 87-109). London, England: Kluwer Academic Publishers in the NATO series.
- Benbow, C. P., & Lubinski, D. (1993). Psychological profiles of the mathematically talented: Some gender differences and evidence supporting their biological basis. In K. Ackerill (Ed.), *The origins and development of high ability* (pp. 44-59) [Ciba Foundation Symposium No. 178]. New York: John Wiley and Sons.
- Lubinski, D., Benbow, C. P., & Sanders, C. E. (1993). Reconceptualizing gender differences in achievement among the gifted. In K. A. Heller, F. J. Monks, & A. H. Passow (Eds.), *International handbook for research on giftedness and talent* (pp. 693-707). Oxford: Pergamon Press.
- Lubinski, D., & Dawis, 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., & Thompson, T. (1986). Functional units of human behavior and their integration: A dispositional analysis. In T. Thompson & M. D. Zeiler (Eds.), *Analysis and integration of behavioral units* (pp. 275- 314). Hillsdale, NJ: Lawrence Erlbaum Associates.

Encyclopedia Entries and Technical Reports

- Wai, J., & Lubinski, D. (in press). Intelligence. *Encyclopedia of counseling psychology*. Thousand Oaks: Sage Publications.
- Webb, R. M., & Lubinski, D. (2006). Individual differences. In S. Rozelberg (Ed.), *Encyclopedia of industrial/organizational psychology* (Vol. 1, pp. 344-348). Thousand Oaks: Sage Publications.
- Lubinski, D., & Webb, R. M. (2003). Individual differences. In L. Nadel (Ed.), *Encyclopedia of cognitive science* (Vol. 2, pp. 503-510). London: Macmillan.
- Lubinski, D., & Bleske-Rechek, A. (2002). Measuring intelligence. In J. W. Guthrie (Ed.), *Encyclopedia of education* (second edition, Vol. IV, pp. 1194-1198). London: Macmillan.
- 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.
- American Psychological Association Division 12 (Clinical) Presidential Task Force (1999). Assessment for the twenty-first century: A model curriculum. *The Clinical Psychologist*, 52, 10-15.
- Humphreys, L. G., Jones, L. V., Davenport, E. C., & Lubinski, D. (1991). *The influence of college enrollment patterns on the U. S. science and engineering talent pool in three decades* (Research Report 91-1). Chapel Hill: University of North Carolina, L. L. Thurstone Psychometric Laboratory.

Presentations

- Lubinski, D. (2009, August). Cognitive and noncognitive characteristics of an innovator. Expert Panel Discussion Preparing the Next Generation of STEM Innovators. National Science Board: Arlington, VA.
- Lubinski, D. (2009, July). The Study of Mathematically Precocious Youth (SMPY): Now living in a flat world. Four decades of longitudinal research. Symposium on SMPY at the 14th biennial conference of the International Society for the Study of Individual differences. Evanston, IL.
- Lubinski, D. (2009, June). Spatial ability: A sleeping giant for talent identification and development. Festschrift presentation for Thomas J. Bouchard, Jr. University of Minnesota: Minneapolis, MN.
- Lubinski, D. (2009, May). The high potential personality: Personality differences within exceptional human capital portend distinct developmental paths and creativity. Building bridges between economics and personality. University of Chicago: Chicago, IL.
- Lubinski, D. (2009, March). Giftedness as a construct. Festschrift presentation for Joyce Van Tassel-Baska. College of William and Mary: Williamsburg, VA
- Ferriman, K., Lubinski, D., & Benbow, C. P. (2008, December). *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*. Paper presented at the ninth annual meeting of the International Society for Intelligence Research, Atlanta, GA.
- Lubinski, D. (2008, December). *Distinguished contributor interview: Ted Nettelbeck*. Interview conducted at the ninth annual meeting of the International Society for Intelligence Research, Atlanta, GA.
- Park, G., Lubinski, D., & Benbow, C. P. (2008, December). *Creativity and Exceptional Promise: The Other Half of Cognitive Epidemiology*. Paper presented at the ninth annual meeting of the International Society for Intelligence Research, Atlanta, GA.
- Wai, J., Lubinski, D., & Benbow, C. P. (2008, December). *Creativity in science, technology, engineering, and mathematics (STEM) and its relationship to STEM educational dose: A 25-year longitudinal study*. Paper presented at the ninth annual meeting of the International Society for International Society for Intelligence Research, Atlanta, GA.

- Lubinski, D. (2008, November). Vanderbilt delegation to China: Delivered a series of formal and informal presentations at Normal University (Beijing), Fudan Institute of Education (Shanghai), and the Institute of Education (Hong Kong) to facilitate collaborations between Vanderbilt faculty and academics at major research universities in China.
- Lubinski, D. (2008, September). Intellectually precocious youth with exceptional potential for scientific creativity: What we know about maximizing their development. Invited address: How can we improve our brains? The Banbury Center, Cold Spring Harbor Laboratory: Long Island, NY.
- Park, G., Lubinski, D., & Benbow, C. P. (2008, May). For scientific creativity, ability matters within educational degrees. Paper presented at the ninth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Wai, J., Lubinski, D., & Benbow, C. P. (2008, May). Spatial ability for science, technology, engineering, and mathematics (STEM): Over a half century of cumulative science reveals its importance. Paper presented at the ninth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Park, G., Lubinski, D., & Benbow, C. P. (2007, December). For scientific creativity, ability matters within educational degrees. Paper presented at the eighth annual meeting of the International Society for Intelligence Research, Amsterdam, The Netherlands.
- Wai, J., Lubinski, D., & Benbow, C. P. (2007, December). Spatial ability for STEM domains: Over fifty years of cumulative psychological knowledge highlights its longstanding neglect. Paper presented at the eighth annual meeting of the International Society for Intelligence Research, Amsterdam, The Netherlands.
- Lubinski, D. (2007, December). *Distinguished contributor interview: James R. Flynn*. Interview conducted at the eighth annual meeting of the International Society for Intelligence Research, Amsterdam, Netherlands.
- Lubinski, D. (2007, November). *SMPY at 35: The Study of Mathematically Precocious Youth now living in a "Flat World."* Invited address: Signature series. National Association for Gifted Children, Minneapolis, MN.
- Lubinski, D. (2007, July). *Tracking exceptional human capital over 25 years*. Keynote address. Biennial International Conference: International Association for Cognitive Education and Psychology, Knoxville, TN.
- Lubinski, D. (2007, June). *Tracking exceptional human capital over 25 years*. Invited address. Genius week. University of Pennsylvania, Philadelphia, PA.
- Benbow, C. P., & Lubinski, D. (2007, May). *Extending Sandra Scarr's ideas about development to the longitudinal study of intellectually precocious youth*. Invited address: A Festschrift for Sandra Scarr. Annual meeting of the Association for Psychological Science, Washington, DC.
- Bleske-Rechek, A., Webb, R. M., Lubinski, D., & Benbow, C. P. (2006, December). *Career outcomes and perceptions of the graduate advisor-advisee experience: A 10-year follow-up of the graduate students in the top-15 math-science programs*. Paper presented at the seventh annual meeting of the International Society for Intelligence Research, San Francisco, CA.
- Ferriman, K., Lubinski, D., & Benbow, C. P. (2006, December). *Sex differences in personal views among the top math/science graduate students and the profoundly gifted*. Paper presented at the seventh annual meeting of the International Society for Intelligence Research, San Francisco, CA.
- Park, G., Lubinski, D., & Benbow, C. P. (2006, December). *Intellectual topography of creative accomplishments in the arts and sciences: Some antecedents to C. P. Snow's "two cultures."* Paper

- presented at the seventh annual meeting of the International Society for Intelligence Research, San Francisco, CA.
- Webb, R. M., Lubinski, D., Benbow, C. P., & Bleske-Rechek, A. (2006, December). *Work-family balance among highly talented STEM professionals and their spouses: A 10-year follow-up of graduate students in the top-15 math-science programs*. Paper presented at the seventh annual meeting of the International Society for Intelligence Research, San Francisco, CA.
- Lubinski, D. (2006, December). *Distinguished contributor interview: John C. Loehlin*. Interview conducted at the seventh annual meeting of the International Society for Intelligence Research, San Francisco, CA.
- Lubinski, D. (2006, November). *Study of Mathematically Precocious Youth (SMPY) after 35 years: Uncovering antecedents for the development of math-science expertise*. National Association for Gifted Children, Charlotte, NC.
- Park, G., Lubinski, D., & Benbow, C. P. (2006, October). *Intellectual topography of creative accomplishments in the arts and sciences: Some antecedents to C. P. Snow's "Two Cultures."* Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Lawrence, KS.
- Lubinski, D. (2006, August). *Personal attributes for the development of scientific expertise*. Plenary symposium. American Psychological Association, New Orleans, LA.
- Lubinski, D. (2006, August). *Standing on the shoulders of Terman: A tribute to Julian C. Stanley*. American Psychological Association, New Orleans, LA.
- Lubinski, D., Benbow, C. P., Webb, R. M., Bleske-Rechek, A., & Wai, J. (2006, August). *Tracking exceptional human capital over two decades*. American Psychological Association, New Orleans, LA.
- Wai, J., Lubinski, D., & Benbow, C. P. (2006, May). *Creativity: Individual differences within the top 1% of ability make a difference*. Poster presented at the eighth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2006, May). *Spatial ability: A neglected dimension in talent searches for intellectually precocious youth*. Paper presented at the eighth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Wai, J., Lubinski, D., & Benbow, C. P. (2005, December). *Creative accomplishments covary with ability even among the top 1%*. Paper presented at the sixth annual meeting of the International Society for Intelligence Research, Albuquerque, NM.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2005, December). *Spatial ability: A neglected dimension in talent searches for intellectually precocious youth*. Paper presented at the sixth annual meeting of the International Society for Intelligence Research, Albuquerque, NM.
- Lubinski, D. (2005, December). *Distinguished contributor interview: Earl B. Hunt*. Interview conducted at the sixth annual meeting of the International Society for Intelligence Research, Albuquerque, NM.
- Lubinski, D., Benbow, C. P., Webb, R. M., Bleske-Rechek, A., & Wai, J. (2005, October). *Tracking exceptional human capital over two decades*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Lake Tahoe, NV.
- Lubinski, D. (2005, January). *Modeling the development of exceptional intellectual talent*. Colloquium Lecture, Department of Psychology, Washington University, St. Louis, MO.
- Lubinski, D., Benbow, C. P., Webb, R. M., & Bleske-Rechek, A. (2004, December). *Tracking exceptional human capital*. Paper presented at the fifth annual meeting of the International Society for Intelligence Research, New Orleans, LA.

- Wai, J., Lubinski, D., & Benbow, C. P. (2004, December). *Vocational achievement and creativity among intellectually precocious youth: An age 13 to age 33 longitudinal study*. Paper presented at the fifth annual meeting of the International Society for Intelligence Research, New Orleans, LA.
- Lubinski, D. (2004, December). *Distinguished contributor interview: Thomas J. Bouchard, Jr.* Interview conducted at the fifth annual meeting of the International Society for Intelligence Research, New Orleans, LA.
- Lubinski, D. (2004, September). *Examining the development of intellectually precocious youth over the life span: Standing on the shoulders of Charles Spearman (1904)*. Keynote Address. Annual Meeting of the Spanish Society for the Study of Individual Differences, University of Barcelona, Barcelona, Spain.
- Wai, J., Lubinski, D., & Benbow, C. P. (2004, May). *Ability intensity and ability/preference configuration both contribute to the prediction of educational and vocational outcomes over 20 years*. Paper presented at the seventh biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2004, May). *Trait constellations in intellectually able adolescents: Distinct preference patterns and educational choices at contrasting levels of spatial ability*. Paper presented at the seventh biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Lubinski, D. (2004, March). *Studying talent development among intellectually precocious populations throughout the life span*. Colloquium Lecture, Department of Psychology, University of Illinois, Champaign, IL.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2003, December). *Trait constellations in intellectually precocious adolescents: Integrating cognitive abilities, interests, and personality*. Paper presented at the meeting of the International Society for Intelligence Research. Irvine, CA.
- Lubinski, D. (2003, December). *Distinguished contributor interview: Arthur R. Jensen*. Interview conducted at the fourth annual meeting of the International Society for Intelligence Research, Irvine, CA.
- Lubinski, D. (2003, October). *Intellectual precocity*. Invited Address. Gallup Organization's Summit on Positive Psychology. Washington, DC.
- Lubinski, D. (2003, September). *Evaluating the psychological import of surface traits versus source traits*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Keystone, CO.
- Lubinski, D. (2003, June). *The neglected role of ability tests in large-scale assessments*. Council of Chief State School Officers: Annual National Conference, San Antonio, TX.
- Bleske-Rechek, A., Lubinski, D., & Benbow, C. P. (2002, December). *Importance of Advanced Placement: Intellectually talented individuals report on their high school experiences*. Paper presented at the meeting of the International Society for Intelligence Research. Nashville, TN.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2002, December). *Mathematically facile adolescents with math/science aspirations: New perspectives on their educational and vocational development*. Paper presented at the meeting of the International Society for Intelligence Research. Nashville, TN.
- Lubinski, D. (2002, September). *Untangling the causal influences of general intelligence and SES in determining important life outcomes*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, University of Virginia, Charlottesville, VA.
- Lubinski, D. (2002, August). *Construct validity for the new century*. Invited Address. American Psychological Association, Chicago, IL.

- Lubinski, D. (2002, May). *On becoming a natural: Studying intellectual precocity throughout the lifespan*. Julian C. Stanley Keynote Address. Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Lubinski, D. (2002, April). *Contemporary findings from the Study of Mathematically Precocious Youth: What they tell us about talent development*. Colloquium Lecture. Department of Psychology, Georgia Institute of Technology. Atlanta, GA.
- Webb, R. M., Lubinski, D., & Benbow, C. P. (2002, April). *Mathematically facile adolescents with math/science aspirations: New perspectives on their educational and vocational development*. Paper presented at the meeting of the American Educational Research Association, New Orleans, LA.
- Lubinski, D., Benbow, C. P., Shea, D. L. Eftekhari-Sanjani, H., & Halvorson, M. B. J. (2001, December). *Men and woman at promise for scientific excellence: Similarity not dissimilarity*. Paper presented at the meeting of the International Society for Intelligence Research. Cleveland, OH.
- Lubinski, D. (2001, November). *Facilitating the development of different kinds of intellectual precocity through longitudinal research*. Keynote Address: Spearman symposium. University of Sydney, Sydney Australia.
- Lubinski, D. (2001, November). *The intelligence phenotype*. Invited presentation for an American Association for the Advancement of Science (AAAS) meeting: Crafting Tools for Public Conversation about Behavior Genetics. Washington, DC.
- Lubinski, D., Benbow, C. P., Shea, D. L. Eftekhari-Sanjani, H., & Halvorson, M. B. J. (2001, October). *Men and woman at promise for scientific excellence: Similarity not dissimilarity*. Paper presented at the meeting of the Society for Multivariate Experimental Psychology, Monterey, CA.
- Lubinski, D., & Benbow, C. P. (2001, August). *Ten- and twenty-year findings from the Study of Mathematically Precocious Youth (SMPY)*. World Conference, Barcelona, Spain.
- Lubinski, D., Benbow, C. P., Shea, D. L. Eftekhari-Sanjani, H., & Halvorson, M. B. J. (2001, April). *Men and woman at promise for scientific excellence: Similarity not dissimilarity*. Paper presented at the meeting of the American Educational Research Association, Seattle, WA.
- Lubinski, D. (2000, August). *Positive and negative emotionality: Their role in the development of expertise*. Symposium. Emotional core of personality: A tribute to Auke Tellegen. American Psychological Association, Washington, DC.
- Lubinski, D. (2000, May). *Gifted education in the 1900s: Major successes and failures*. Invited Panelist. Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Shea, D. L., Lubinski, D., & Benbow, C. P. (2000, October). *Importance of assessing spatial ability in intellectually talented young adolescents: A 20-year longitudinal study*. Paper presented at the meeting of the Society for Multivariate Experimental Psychology, Saratoga Springs, NY.
- Benbow, C. P., Lubinski, D., & Shea, D. L. (2000, April). *Findings from SMPY's first 20-year follow up: What they tell us about talent development*. Paper presented at the meeting of the American Educational Research Association, New Orleans, LA.
- Lubinski, D., Webb, R. M., Morelock, M. J., & Benbow, C. P. (2000, April). *Top 1 in 10,000: A 10 year follow up of the profoundly gifted*. Paper presented at the meeting of the American Educational Research Association, New Orleans, LA.
- Lubinski, D. (1999, November). *Intelligence: Success and fitness*. Invited address: The Novartis (formerly Ciba) Foundation (Symposium No. 233), The nature of intelligence. London, UK.
- Lubinski, D. (1998, August). *Findings from SMPY's first 20-year follow up*. Invited address: Presidential symposium on prevention. American Psychological Association, San Francisco, CA.

- Lubinski, D. (1998, May). *Personal determinants of scientific achievement*. Invited address. Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Lubinski, D. (1997, September). *The theory of work adjustment: How it helps us understand educational and vocational adjustment*. Paper presented to the American Board of Vocational Adjustment, Minneapolis, MN.
- Benbow, C. P., & Lubinski, D. (1997, August). *Understanding gender differences in math/science careers*. Invited Address. American Statistical Association, Anaheim, CA.
- Lubinski, D. (1997, August). *Human abilities, interests, and personality: Their role as determinants of scientific excellence*. Invited Address (1996 Distinguished Scientific Award for Early Career Contribution to Psychology: Applied Research/Psychometrics). American Psychological Association, Chicago, IL.
- Lubinski, D., & Thompson, T. (1997, August). *Another's nature as one's own: Humanity and communicative variation*. Invited Address (1996 George A. Miller Award - Division I: Outstanding Article in General Psychology). American Psychological Association, Chicago, IL.
- Benbow, C. P., & Lubinski, D. (1997, April). *The Study of Mathematically Precocious Youth (SMPY): Empirical findings based on 25 years of empirical research*. Paper presented at the meeting of the Society for Research in Child Development, Washington, DC.
- Achter, J. A., Lubinski, D., & Benbow, C. P. (1995, November). *Multipotentiality among the intellectually gifted: It was never there in the first place, and already it's vanishing*. Paper presented at the meeting of the National Association for Gifted Children, Tampa, FL.
- Lubinski, D. (1995, July). *Intellectual abilities, interests, and personality: Their role as determinants of what we experience and how we choose to develop*. Invited Address. American Psychological Society, New York, NY.
- Lubinski, D. (1995, May). *Temporal stability of vocational interests and values among the intellectually gifted: A 15- and 20-year longitudinal study*. Paper presented at the Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Lubinski, D. (1995, April). *Differential educational/vocational expectations as a function of contrasting mathematical, spatial-mechanical, and verbal ability profiles: A longitudinal analysis of Project TALENT*. Invited Address. Division C, American Educational Research Association, San Francisco, CA.
- Benbow, C. P., & Lubinski, D. (1993, November). *How teachers can respond to different types and levels of giftedness, gender differences, and the different interests of gifted students*. Paper presented at the meeting of the National Association for Gifted Children (NAGC), Atlanta, GA.
- Lubinski, D. (1993, October). *Identifying and fostering spatially gifted, socio-economically disadvantaged students with special aptitude for the physical sciences, creative arts and engineering*. In Gifted and talented students: Recognition and response. Invited seminar conducted by The Faculty of Professional Studies, The University of New South Wales, Kensington, Australia.
- Lubinski, D. (1993, October). *Individual differences among mathematically gifted students: Implications for counselors and teachers*. In Gifted and talented students: Recognition and response. Invited seminar conducted by The Faculty of Professional Studies, The University of New South Wales, Kensington, Australia.
- Benbow, C. P., & Lubinski, D. (1993, August). *Reconceptualizing gender differences in achievement among the gifted: An outcome of contrasting attributes for personal fulfillment in the world of work*. In Gender differences in abilities, achievements and attitudes among the gifted. Symposium conducted at the 10th World Congress on Gifted and Talented Education, Toronto, Canada.

- Lubinski, D. (1993, May). *Spatial abilities: The educational significance of assessing all three sectors of the radex*. Paper presented at the Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Benbow, C. P., & Lubinski, D. (1993, January). *Gender differences in mathematical reasoning: Some biological linkages*. In *The origins and development of intellectual talent*. Invited symposium conducted at the meeting of the CIBA Foundation, London, England.
- Benbow, C. P., & Lubinski, D. (1992, June). *Gender differences in abilities and preferences among the gifted: Implications for the math/science pipeline*. Invited address. American Psychological Society, San Diego, CA.
- Lubinski, D. (1991, May). *On the relation between intellectual precocity and "psychological androgyny."* Paper presented at the Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Lubinski, D. (1990, August). *Species and individual differences in the communication of private states*. Invited address. Division 25, American Psychological Association, Boston, MA.
- Lubinski, D. (1988, May). *Constructing animal models of the interpersonal communication of private states: Synthesizing behavior experimentally*. Paper presented at the annual meeting of the Association for Behavior Analysis, Philadelphia, PA.
- Thompson, T., & Lubinski, D. (1984, October). *Units of analysis and the kinetic structure of behavior*. Paper presented at a symposium honoring Kenneth MacCorquodale, St. Paul, MN.
- Thompson, T., & Lubinski, D. (1982, May). *A functional taxonomy of behavioral units*. Paper presented at the meeting of the Association for Behavior Analysis, Milwaukee, WI.

Symposium (Organized)

- Haywood, H. C., & Lubinski, D. (2002, December). *Futures of intellectual assessment and psychometrics*. A full-day symposium of 11 scientific papers. Nashville, TN.
- Benbow, C. P., & Lubinski, D. (1992, April). *From psychometrics to giftedness*. A full-day symposium of 22 scientific papers presented in honor of Julian C. Stanley. San Francisco, CA.

Courses/Seminars Taught

General Psychology, Psychological Measurement, Individual Differences, Human Abilities, Personality Assessment, Statistics.