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Office: (615) 343-1195 FAX: (615) 343-9494 david.lubinski@vanderbilt.edu

### **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

## Academic Background

Cornelius Vanderbilt Endowed Chair, Department of Psychology and Human Development, 2019-

Professor, Vanderbilt University, Department of Psychology and Human Development, 2001-2019

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

President, International Society for Intelligence Research, 2013

Board Member, International Society for Intelligence Research, 2012-2014

Board of Trustees, Society for Multivariate Experimental Psychology, 2012-2014

Co-Director, Quantitative Methods (QM) Division, Department of Psychology and Human Development, Vanderbilt University, 2009-2012

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

# **Awards and Honors**

Gifted Child Quarterly (2024) Ranked 2nd among scientists in the field of mathematical giftedness

Gifted Child Quarterly (2022) Paper of the Year Award

Outstanding Reviewer for 2021: Review of Educational Research

- International Society for Intelligence Research, Lifetime Achievement Award: For Outstanding Contributions to the Field of Intelligence (2018)
- APA George A. Miller Award Division I (Outstanding Article in General Psychology), 2017
- American Mensa Foundation: Lifetime Achievement Award (2015)
- AERA Pathbreaker Award for Research on Giftedness, Creativity, and Talent (2013)
- 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, 2011, 2012, 2013, 2016, 2017, 2021, 2023
- Dissertation Fellowship, University of Minnesota, 1985-86
- Eva O. Miller Fellowship, University of Minnesota, 1984-85

#### **Editorial Experience**

- Associate Editor, Journal of Personality and Social Psychology: Personality Processes and Individual Differences (2002-2003)
- Guest Editor (2014-2015). Journal of Experimental Psychology: General.
- 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*, 86, 96-199.
- 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); and *JPSP: PPID* (1997-2001, 2004-2009); *Gifted Child Quarterly* (2004 2018); *Perspectives on Psychological Science* (2008-2011); *Psychological Science* (2009-2011), *Review of Educational Research* (2012-), *Journal of Educational Psychology* (2024-).

Referee, American Educational Research Journal, American Journal of Psychology, American Psychologist, Applied Psychological Measurement, Behavioral and Brain Sciences, Behavior and Philosophy, Developmental Psychology, Gifted Child Quarterly, Hypertension, Intelligence, Journal of Applied Psychology, Journal of Consulting and Clinical Psychology, Journal of Counseling Psychology, Journal of Educational Psychology, Journal of Experimental Psychology: General, Journal of Personality and Social Psychology, Journal of Science and Technology, Journal of Vocational Behavior, Journal of Youth and Adolescence, Monographs of the Society for Research in Child Development, Molecular Psychiatry, Multivariate Behavioral Research, Personality and Social Psychology Bulletin, Perspectives on Psychological Science, Proceedings of the National Academy of Sciences, Psychological Assessment, Psychological Bulletin, Psychological Review, Psychological Science, Royal Society Open Science, Science, Sex Roles, Sage Publishers (prospectus reviewer), The American Statistician

### **Professional Memberships**

American Educational Research Association

American Psychological Association (Fellow, Divisions 1 & 5)

Association for Psychological Science (Fellow)

International Society for Intelligence Research

International Society for the Study of Individual Differences

National Association for Gifted Children

Society for Multivariate Experimental Psychology

Society for Industrial & Organizational Psychology (SIOP)

## **APA & SIOP Committees**

APA (2016-2018, Chair, Edwin Newman Graduate Research Award)

APA (2014-2016, Board of Educational Affairs)

APA (2012-2013, Ad Hoc Central Programming Working Group)

APA (2010-2011, Committee on Scientific Awards)

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

APA (2003, Program Chair, Division 1, General Psychology)

Society for Industrial & Organizational Psychology (SIOP) (2014-2021, Selection Committee Member: Marvin D. Dunnette Prize)

#### 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)**

Names in italics are current or former students and postdocs

- *McCabe, K. O., Kell, H. J.*, Lubinski, D., & Benbow, C. P. (in preparation). Making a difference: How gifted individuals enhance communities worldwide.
- *Bernstein, B. O.*, Lubinski, D., & Benbow, C. P. (in preparation). Gender-differentiating effects of parenthood on income among high-potential individuals in the context of other valued aspects of life.
- Lubinski, D. (in press). Education, intelligence, placement, and selection: A discussion of paradoxes and fairness. *Intelligence*.
- *Noreen, G. D.*, Lubinski, D., & Benbow, C. P. (in press). In their own voice: Educational perspectives from intellectually precocious youth as adults. *Gifted Child Quarterly*.

- Lubinski, D., Benbow, C. P., *McCabe, K. O.*, & *Bernstein, B. O.* (2023). Composing meaningful lives: Exceptional women and men at age 50. *Gifted Child Quarterly*, 67, 278-305.
- Kell, H. J., McCabe, K. O., Lubinski, D., & Benbow, C. P. (2022). Wrecked by success? Not to worry. *Perspectives on Psychological Science*, 17, 1291-1321.
- Bernstein, B. O., Lubinski, D., & Benbow, C. P. (2021). Academic acceleration in gifted youth and fruitless concerns regarding psychological well-being: A 35-year longitudinal study. *Journal of Educational Psychology*, 113, 830-845.
- Lubinski, D., & Benbow, C. P. (2021). Intellectual precocity: What have we learned since Terman? *Gifted Child Quarterly*, 65, 3-28. [Invited submission for the centennial of Terman's landmark study.]
- Lubinski, D. (2020). Understanding educational, occupational, and creative outcomes requires assessing intra-individual differences in abilities and interests. *Proceedings of the National Academy of Sciences*, 117, 16720-16722.
- McCabe, K. O., Lubinski, D., & Benbow, C. P. (2020). Who shines most among the brightest?: A 25-year longitudinal study of elite STEM graduate students. *Journal of Personality and Social Psychology*, 119, 390-416.
- Bernstein, B. O., Lubinski, D., & Benbow, C. P. (2019). Psychological constellations assessed at age 13 predict distinct forms of eminence 35 years later. *Psychological Science*, 30, 444-454.
- Zabaneh, D., Krapohl, E., Gasper, H., Curtis, C., Lee, S., Patel, H., Newhouse, S., Wu, H. M., Simpson, M., Putallaz, M., Lubinski, D., Plomin, R., & Breen, G. (2018). A genome-wide association study of extremely high intelligence. *Molecular Psychiatry*, 23, 1226-1232.
- Zabaneh, D., Krapohl, E., Simpson, M. A., Miller, M. B., Iacono, W. G., McGue, M., Putallaz, M., Lubinski, D., Plomin, R., & Breen, G. (2017). Fine mapping genetic associations between the HLA region and extremely high intelligence. *Scientific Reports*, 7, e41182.
- Lubinski, D. (2016). From Terman to today: A century of findings on intellectual precocity. *Review of Educational Research*, 86, 900-944.
- Spain, S. L., Pedroso, I., Kadeva, N., Miller, M. B., Iacono, W. G., McGue, M., Stergiakouli, E., Smith, G. D., Putallaz, M., Lubinski, D., Meaburn, E. L., Plomin, R., & Simpson, M. A. (2016). A genome-wide analysis of putative functional and exonic variation associated with extremely high intelligence. *Molecular Psychiatry*, 21, 1145-1151.
- Makel, M. C., *Kell, H. J.*, Lubinski, D., Putallaz, M, & Benbow, C. P. (2016). When lightning strikes twice: Profoundly gifted, profoundly accomplished. *Psychological Science*, *27*, 1004-1018.
- Lubinski, D., Benbow, C. P., & *Kell, H. J.* (2014). Life paths and accomplishments of mathematically precocious males and females four decades later. *Psychological Science*, *25*, 2217-2232.
- Kell, H. J., & Lubinski, D. (2013). Spatial ability: A neglected talent in educational and occupational settings. *Roeper Review*, 35, 219-230. [Special Issue: Spatial Ability, Guest Edited by M. Layne Kalbfleisch.]
- Lubinski, D. (2013). Arthur R. Jensen (1923-2012). American Psychologist, 68, 396-397.
- *Kell, H. J.*, Lubinski, D., Benbow, C. P., & Steiger, J. H. (2013). Creativity and technical innovation: Spatial ability's unique role. *Psychological Science*, *24*, 1831-1836.
- *Kell, H. J.*, Lubinski, D., & Benbow, C. P. (2013). Who rises to the top? Early indicators. *Psychological Science*, *24*, 648-658.

- Park, G., Lubinski, D., & Benbow, C. P. (2013). When less is more: Effects of grade skipping on adult STEM accomplishments among mathematically precocious youth. *Journal of Educational Psychology*, 105, 176-198.
- *Ferriman-Robertson, K., Smeets, S.*, Lubinski, D., & Benbow, C. P. (2010). Beyond the threshold hypothesis: Even among the gifted and top math/science graduate students, cognitive abilities, vocational interests, and lifestyle preferences matter for career choice, performance, and persistence. *Current Directions in Psychological Science*, *19*, 346-351.
- Lubinski, D. (2010). Spatial ability and STEM: A sleeping giant for talent identification and development. *Personality and Individual Differences*, 49, 344-351. [Special Issue: *Festschrift for Thomas J. Bouchard*, *Jr.*, Guest Edited by Matthew McGue & Wendy Johnson.]
- *Wai, J.*, Lubinski, D., Benbow, C. P., & Steiger, J. H. (2010). Accomplishment in science, technology, engineering, and mathematics (STEM) and its relation to STEM educational dose: A 25-year longitudinal study. *Journal of Educational Psychology*, *102*, 860-871.
- Lubinski, D. (2010). Neglected aspects and truncated appraisals in vocational counseling: Interpreting the interest-efficacy association from a broader perspective. *Journal of Counseling Psychology*, *57*, 226-238.
- Haworth, C. M. A., Wright, M. J., Luciano, M., Martin, N. G., de Geus, E. J. C., van Beijsterveldt, C. E. M., Bartels, M., Posthuma, D., Boomsma, D. I., Davis, O. S. P., Kovas, Y., Corley, R. P., DeFries, J. C., Hewitt, J. K., Olsen, R. K., Rhea, S-A, Wadsworth, S. J., Iacono, W. G., McGue, M., Petrill, S. A., Lubinski, D., & Plomin, R. (2010). The heritability of general cognitive ability increases linearly from childhood to young adulthood. *Molecular Psychiatry*, 15, 1112-1120.
- 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. [Special Issue: *Cognitive Epidemiology*, Guest Edited by Ian J. Deary.]
- 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 (1916-2003). 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., 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. *Human Molecular 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., 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., Owne, 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 and the role of spatial visualization in 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 and mathematical ability. *Psychological Bulletin*, 107, 385-393.
- Lubinski, D., & Thompson, T. (1987). An animal model of the interpersonal communication of interoceptive ("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**

- Lubinski, D. (2018). Individual differences at the top: Mapping the outer envelope of intelligence. In R. J. Sternberg (Ed.), *The nature of human intelligence* (pp. 230-255). Cambridge University Press: London, England.
- Lubinski, D., & Kell, H. J. (2018). Three crucial dimensions for students with intellectual gifts: It's time to stop talking and start thinking. In S. Pfeiffer, M. Foley-Nicpon, & E. Shaunessy-Dedrick (Eds.), Handbook of giftedness and talent (pp. 479-496). Washington, DC: American Psychological Association.
- *Kell, H. J.*, & Lubinski, D. (2015). Intellectual abilities for counseling interventions, practice, and theory: Dismissing their significance for learning and work constitutes malpractice. In P. J. Hartung, M. L. Savickas, & W. B. Walsh (Eds.), *APA handbook of career intervention* (vol. 1, pp. 303-326). Washington, D.C.: American Psychological Association.
- Lubinski, D. (2014). Intellectual abilities, interests, and mastery. In R. Biswas-Diener & E. Diener (Eds), *Noba textbook series: Psychology*. Champaign, IL: DEF Publishers. DOI: <u>www.nobaproject.com</u>.
- *Kell, H. J.*, & Lubinski, D. (2014). Study of Mathematically Precocious Youth: Insights on the components of genius. In D. K. Simonton (Ed.), *Handbook of genius* (pp. 397-421). New York: Wiley.
- Benbow, C. P., & Lubinski, D. (2009). Extending Sandra Scarr's ideas about development to the longitudinal study of intellectually precocious youth. In K. McCartney and R. A. Weinberg (Eds.), *Experience and development: A Festschrift in Honor of Sandra Scarr* (pp. 231-252). 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 (2<sup>nd</sup> 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.
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### **Encyclopedia Entries and Technical Reports**

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### Presentations

- *Noreen, G. D.*, Lubinski, D., & Benbow, C. P. (2024, July). In their own voice: Educational perspectives from intellectually precocious youth as adults. International Society for Intelligence Research: Zurich, Switzerland. University of Connecticut: Storrs, CT.
- Lubinski, D. (2024, May). *What is the future of gifted education and talent development?* Panel Discussion. Wallace Research Symposium on Talent Development. University of Connecticut: Storrs, CT.
- Lubinski, D. (2023, October). *Talent development among intellectually precocious youth: 50-years of longitudinal research on educational, occupational, & creative outcomes.* Colloquium Lecture, Teachers College, Columbia University, New York, NY.

- Lubinski, D. (2023, July). *Distinguished contributor interview: Frank Worrell*. Interview conducted at the twenty second annual meeting of the International Society for Intelligence Research: San Francisco, CA.
- Noreen, G. D., Lubinski, D., & Benbow, C. P. (2023, July). *Amplifying the signal: A mixed methods exploration of precocious individuals' thoughts on educational practices*. International Society for Intelligence Research: San Francisco, CA.
- Lubinski, D. (2022, December). *Which cognitive skills will be important for the fourth industrial revolution*. Keynote. XIV Meeting of the Psychological Assessment of Minas Gerais State (EMAP) Fourth Latin American Congress of Psychological Assessment: Belo Horizonte, Brazil.
- Lubinski, D. (2022, December). Finding optimal learning and work environments requires assessing abilities and passions multidimensionally: The same is true for modeling creativity and developing meaningful and satisfying lives. Workshop. XIV Meeting of the Psychological Assessment of Minas Gerais State (EMAP) Fourth Latin American Congress of Psychological Assessment: Belo Horizonte, Brazil.
- Lubinski, D. (2022, July). *Distinguished contributor interview: Matthew McGue*. Interview conducted at the twenty first annual meeting of the International Society for Intelligence Research: Vienna, Austria.
- Lubinski, D. (2022, April). Using abilities and interests to identify talent: A case for spatial ability (Keynote). Discussants: Nathan Kuncel, Fredrick Oswald, & Betsy Wills. Annual Conference of the Society for Industrial & Organizational Psychology. Seattle, WA.
- Lubinski, D. (2021, November). *Studying talent development among intellectually precocious youth: Educational and psychological implications of 40-years of longitudinal research.* Cornell University, Department of Psychology Colloquium Series. Ithaca, NY.
- Lubinski, D., & Benbow, C. P. (2019, July). *Profoundly gifted adolescents and top STEM graduate students at age 50: Creativity, productivity, and lifestyle*. Lifetime Achievement Award Address at the twentieth annual meeting of the International Society for Intelligence Research: Minneapolis, MN.
- *Bernstein, B. O.*, Lubinski, D., & Benbow, C. P. (2019, July). *Academic acceleration in gifted youth and fruitless concerns about psychological well-being: A 35-year longitudinal study*. International Society for Intelligence Research: Minneapolis, MN.
- McCabe, K. O., Lubinski, D., & Benbow, C. P. (2019, July). The path to STEM leadership: Consistent priorities between age 25 and age 50. International Society for Intelligence Research: Minneapolis, MN
- Lubinski, D. (2019, July). *Distinguished contributor interview: Randall W. Engle*. Interview conducted at the twentieth annual meeting of the International Society for Intelligence Research: Minneapolis, MN.
- Lubinski, D. (2018, June). *Finding and nurturing exceptional intellectual talent: Its long-term impact over 45 years*. Keynote Address, Fourth International Conference on Giftedness, Mexico City, Mexico.
- Lubinski, D. (2018, June). *What parents should know about gifted children: They are not all the same*. Workshop for Parents, Fourth International Conference on Giftedness, Mexico City, Mexico.
- Lubinski, D. (2018, November). *Finding and nurturing exceptional intellectual talent: Its long-term impact over 45 years*. Keynote Address, Learning & Brain Conference, Co-sponsored by Harvard & MIT, Boston, MA. [My flight was cancelled due to weather; a colleague gave my power point presentation.]
- Lubinski, D. (2018, September). *Finding and nurturing exceptional intellectual talent: Its long-term impact over 45 years*. Keynote Address, 6th Muensterscher Conference. Munster, Germany.
- Lubinski, D. (2018, August). From Terman to today: A century of findings on intellectual precocity. Invited Address (2017 George A. Miller Award Division I: Outstanding Article in General Psychology). American Psychological Association, San Francisco, CA.

- Bernstein, B. O., Lubinski, D., & Benbow, C. P. (2018, July). Contrasting constellations of promise among intellectually precocious youth foreshadow eminence 35 years later. International Society for Intelligence Research: Edinburgh, Scotland.
- *McCabe, K. O.*, Lubinski, D., & Benbow, C. P. (2018, July). *Contributions of gifted individuals in enhancing their communities: A world-wide perspective*. International Society for Intelligence Research: Edinburgh, Scotland.
- *Kell, H. J., McCabe, K. O.*, Lubinski, D., & Benbow, C. P. (2018, July). *Healthy, wealthy, and wise: Are intellectually precocious youth "wrecked by success" at midlife?* International Society for Intelligence Research: Edinburgh, Scotland.
- *McCabe, K. O.*, Lubinski, D., & Benbow, C. P. (2018, July). *Who are the best among the brightest: A 25year longitudinal study of elite STEM graduate students.* British Society for Individual Differences: Edinburgh, Scotland.
- Benbow, C. P., & Lubinski, D. (2018, April). Finding and nurturing exceptional intellectual talent: Its long-term impact over 45 years. Keynote Address, Wallace National Research Symposium on Talent Development. Johns Hopkins University: Baltimore, MD.
- Bernstein, B. O., Lubinski, D., & Benbow, C. P. (2018, July). Contrasting constellations of promise among intellectually precocious youth foreshadow eminence 35 years later. Wallace National Research Symposium on Talent Development. Johns Hopkins University: Baltimore, MD.
- *Kell, H. J., McCabe, K. O.*, Lubinski, D., & Benbow, C. P. (2018, July). *Healthy, wealthy, and wise: Are intellectually precocious youth "wrecked by success" at midlife?* Wallace Symposium. Johns Hopkins University: Baltimore, MD.
- McCabe, K. O., Lubinski, D., & Benbow, C. P. (2018, July). Who are the best among the brightest: A 25year longitudinal study of elite STEM graduate students. Wallace National Research Symposium on Talent Development. Johns Hopkins University: Baltimore, MD.
- *McCabe, K. O.*, Lubinski, D., & Benbow, C. P. (2018, July). *Who are the best among the brightest: A 25year longitudinal study of elite STEM graduate students*. Society for Personality and Social Psychology: Atlanta, GA.
- Benbow, C. P., & Lubinski, D. (2017, December). *Finding and nurturing exceptional intellectual talent: Its long-term impact over 45 years.* University Lecture. University of Tuebingen, Tuebingen: Germany.
- Lubinski, D. (2017, November). *Studying talent development among intellectually precocious youth: Educational and psychological implications of 40-years of longitudinal research.* Departmental Colloquium Lecture. Department of Psychology, Notre Dame University: South Bend, IN.
- Lubinski, D. (2017, November). *Conceptualizing life as a quantitative psychologist (and other possible lives)*. Professional developmental lecture for graduate students. Department of Psychology, Notre Dame University: South Bend, IN.
- Bernstein, B. O., Lubinski, D., & Benbow, C. P. (2017, October). Contrasting constellations of promise among intellectually precocious youth foreshadow eminence 35 years later. Society for Multivariate Experimental Psychology: Minneapolis, MN.
- Benbow, C. P., & Lubinski, D. (2017, July). Keynote Address: *Potential to eminence: Charting its path over* 45 years. International Society for Intelligence Research: Montreal, Canada.
- Bernstein, B. O., Lubinski, D., & Benbow, C. P. (2017, July). Contrasting constellations of promise among intellectually precocious youth foreshadow eminence 35 years later. International Society for Intelligence Research: Montreal, Canada.

- *Kell, H. J.*, Lubinski, D., & Benbow, C. P. (2017, July). *Gifted kids and high achievers stay fresh: Health outcomes of four SMPY cohorts at age 50*. International Society for Intelligence Research: Montreal, Canada.
- Lubinski, D. (2017, July). *Distinguished contributor interview: Steven Pinker*. Interview conducted at the eighteenth annual meeting of the International Society for Intelligence Research: Montreal, Canada.
- McCabe, K. O., Lubinski, D., & Benbow, C. P. (2017, July). Among top STEM graduate students, what early antecedents distinguish ultimate STEM leaders?: A 25-year longitudinal study. International Society for Intelligence Research: Montreal, Canada.
- McCabe, K. O., Lubinski, D., & Benbow, C. P. (2017, July). Among top STEM graduate students, what early antecedents distinguish ultimate STEM leaders?: A 25-year longitudinal study. Rising Stars Symposium, Association of Research in Personality: Sacramento, CA.
- Lubinski, D. (2016, October). *When lightning strikes twice: Profoundly gifted, profoundly accomplished.* Society for Multivariate Experimental Psychology: Richmond, VA.
- Lubinski, D. (2016, July). *Studying intellectual development longitudinally: The Study of Mathematically Precocious Youth.* Psychological Institute of Russian Academy of Education, supported by the Russian Science Foundation. Saint Petersburg, Russia.
- Lubinski, D. (2016, July). *Distinguished contributor interview: Linda S. Gottfredson*. Interview conducted at the seventeenth annual meeting of the International Society for Intelligence Research: Saint Petersburg, Russia.
- Lubinski, D. (2016, May). *When lightning strikes twice: Profoundly gifted, profoundly accomplished.* Symposium: The science of expertise. American Psychological Society, Chicago, IL.
- Lubinski, D. (2015, September). *Distinguished contributor interview: Robert Plomin*. Interview conducted at the sixteenth annual meeting of the International Society for Intelligence Research: Albuquerque, NM.
- *Kell, H. J.*, Lubinski, D., & Benbow, C. P. (2015, September). *Beyond human capital: Civic engagement and community involvement among intellectually precocious youth at midlife*. International Society for Intelligence Research: Albuquerque, NM.
- Plomin, R., Spain, S. L., Pedroso, I., Kadeva, N., Miller, M. B., Iacono, W. G., McGue, M., Stergiakouli, E., Smith, G. D., Putallaz, M., Lubinski, D., Meaburn, E. L., Plomin, R. Simpson, M. A. (2015, September). A genome-wide analysis of putative functional and exonic variation associated with extremely high intelligence. International Society for Intelligence Research: Albuquerque, NM.
- Lubinski, D. (2015, April). Forty years later: What happens to mathematically precocious youth identified at age 12? Colloquium Lecture. Department of Psychology, Purdue University: West Lafayette, IN.
- Kell, H. J., Makel, M. C., Lubinski, D., Putallaz, M., & Benbow, C. P. (2014, December). Replicable evidence for outstanding creative accomplishment among the top .01% of cognitive ability. President's Symposium. International Society for Intelligence Research: Graz, Austria.
- Lubinski, D. (2014, December). *Distinguished contributor interview: Ian J. Deary*. Interview conducted at the fifteenth annual meeting of the International Society for Intelligence Research: Graz, Austria.
- Lubinski, D. (2014, November). *Forty years later: What happens to mathematically precocious youth identified at age 12?* Keynote. IX Meeting of the Psychological Assessment of Minas Gerais State (EMAP) Fourth Latin American Congress of Psychological Assessment: Belo Horizonte, Brazil.
- Lubinski, D. (2014, May). Forty years later: What happens to mathematically precocious youth identified at age 12? Colloquium Lecture. Department of Psychology, University of Minnesota: Minneapolis, MN.

- Kell, H. J., Lubinski, D., & Benbow, C. P. (2013, December). "Wrecked by success?" No! Linkages of career accomplishment, health, and relationship satisfaction among the gifted. International Society for Intelligence Research: Hawthorn, Victoria, Australia.
- Lubinski, D. (2013, December). *Distinguished contributor interview: Nicholas J. Mackintosh.* Interview conducted at the fourteenth annual meeting of the International Society for Intelligence Research: Hawthorn, Victoria, Australia.
- Lubinski, D., Benbow, C. P., & Kell, H. J. (2013, December). Forty years later: What happens to mathematically precocious youth identified at age 12? President's Symposium. International Society for Intelligence Research: Hawthorn, Victoria, Australia.
- Makel, M. C., Kell, H. J., Lubinski, D., Putallaz, M., & Benbow, C. P. (2013, December). Profound intellectual talent: A compelling phenotype for behavioral genetics and neuroscience inquiry. President's Symposium. International Society for Intelligence Research: Hawthorn, Victoria, Australia.
- Lubinski, D. (2013, December). Spatial ability: Its implications for the selection, classification, and persistence of military personnel. National Research Council: Washington, D.C.
- Lubinski, D., Benbow, C. P., & Kell, H. J. (2013, October). Forty years later: What happens to mathematically precocious youth identified at age 12? Society for Multivariate Experimental Psychology: Tampa, FL.
- Lubinski, D. (2013, September). *The long term impact of finding and nurturing exceptional intellectual talent*. Invited Address. Grafenegg Congress on Talent Development: Grafenegg, Austria.
- Benbow, C. P., & Lubinski, D. (2013, August). *Forty years later: Mathematically precocious youth at midlife*. Plenary Session. American Psychological Association: Honolulu, HI.
- Lubinski, D. (2012, December). *Distinguished contributor interview: Richard J. Haier*. Interview conducted at the thirteenth annual meeting of the International Society for Intelligence Research: San Antonio, TX.
- Kell, H. J., Lubinski, D., Benbow, C. P., & Steiger, J. H. (2012, December). Spatial ability: Its unique role in creativity and technical innovation. International Society for Intelligence Research: San Antonio, TX.
- Kell, H. J., Lubinski, D., & Benbow, C. P. (2012, October). Spatial ability: Its unique role in creativity and technical innovation. Society for Multivariate Experimental Psychology: Vancouver, Canada.
- Lubinski, D. (2012, September). Spatial ability's unique role in learning, work, and creativity: A 35-year longitudinal study of intellectually precocious youth. Keynote Address, Spatial Cognition 2012: Munich, Germany.
- Lubinski, D. (2012, August). *Mathematically talented youth at age 50: Early results from a 40-year follow-up of SMPY participants*. Invited Address, Ester Katz Rosen Lecture. American Psychological Association: Orlando, FL.
- Lubinski, D. (2012, April). *What do we do well and what could we do better in the identification of gifted students?* Research Summit on Gifted and Talented Education: Johns Hopkins University, Baltimore, MD.
- Lubinski, D. (2012, March). Revealing the educational efficacy of advanced learning environments for meeting the needs of mathematically talented youth: Using appropriate controls and longitudinal outcomes collected over 25 years. Acceleration Summit: Washington, DC.
- Lubinski, D. (2012, January). Critical questions in talent development: Answered through 40-years of longitudinal research by the Study of Mathematically Precocious Youth (SMPY). Annual Hotung Lecture: Hong Kong.

- Lubinski, D. (2012, January). Studying talent development among intellectually precocious youth: Philosophical and psychological implications of 40-years of longitudinal research. Lingnan University: Hong Kong.
- Kell, H. J., Lubinski, D., & Benbow, C. P. (2011, December). *Identifying and tracking the development of exceptional human capital requires exceptional measures: Educational, occupational, and creative accomplishments of the profoundly gifted over three decades.* Paper presentation at the annual meeting of the International Society for Intelligence Research: Republic of Cyprus.
- Lubinski, D. (2011, December). *Distinguished contributor interview: Douglas K. Detterman*. Interview conducted at the twelfth annual meeting of the International Society for Intelligence Research: Republic of Cyprus.
- Lubinski, D. (2011, November). Grand Rounds. *Why is it difficult to do research on certain topics?* John F. Kennedy Center, Vanderbilt University: Nashville, TN.
- Lubinski, D., & Benbow, C. P. (2011, November). Signature Series. *Study of Mathematically Precocious Youth (SMPY): How 40 years of longitudinal research and theory development might shape educational policy and human capital initiatives*. National Association for Gifted Children: New Orleans, LA.
- Benbow, C. P., & Lubinski, D. (2011, November). Mini Keynote. *Critical questions in talent development: Answered through 40 years of longitudinal research by the Study of Mathematically Precocious Youth.* National Association for Gifted Children: New Orleans, LA.
- Benbow, C. B., & Lubinski, D. (2011, November). *Findings from the Study of Mathematically Precocious Youth: Four decades of longitudinal research*. American Enterprise Institute: Washington, DC.
- Kell, H. J., Lubinski, D., & Benbow, C. P. (2011, October). Identifying and tracking the development of exceptional human capital requires exceptional measures: Educational, occupational, and creative accomplishments of the profoundly gifted over three decades. Society for Multivariate Experimental Psychology: Norman, OK.
- Benbow, C. P., & Lubinski, D. (2011, August). Symposium. Study of Mathematically Precocious Youth: Fresh longitudinal findings with implications for talent development. American Psychological Association: Washington, DC.
- Lubinski, D. (2011, June). *The psychology of intellectual talent: Educational and career implications based on 40 years of longitudinal research.* Keynote Lecture, V Brazilian Conference of Psychological Assessment, Bento Goncalves, RS, Brazil.
- Lubinski, D. (2010, December). *Distinguished contributor interview: Frank L. Schmidt*. Interview conducted at the eleventh annual meeting of the International Society for Intelligence Research, Alexandria, VA.
- Park, G., Lubinski, D., & Benbow, C. P. (2010, December). *Time-saving from acceleration and the effect on STEM productivity in adulthood*. Paper presented at the eleventh annual meeting of the International Society for Intelligence Research, Alexandria, VA.
- Smeets, S., Lubinski, D., & Benbow, C. P. (2010, December). Development of scientific excellence in top STEM graduate students as a function of the adviser-advisee relationship. Paper presented at the eleventh annual meeting of the International Society for Intelligence Research, Alexandria, VA.
- Lubinski, D. (2010, December). *The Study of Mathematically Precocious Youth (SMPY): Four decades of longitudinal research with implications for STEM*. Colloquium Lecture, College of Engineering, Purdue University, West Lafayette, IN.
- Lubinski, D. (2010, December). *The psychology of intellectual precocity: Educational and career implications based on 40 years of longitudinal research*. Colloquium Lecture, College of Education, Purdue University, West Lafayette, IN.

- Lubinski, D. (2010, November). Project TALENT: Its contemporary significance for the social sciences. Symposium on Project TALENT, Gerontological Society of America, New Orleans, LA.
- Lubinski, D. (2010, October). *The Study of Mathematically Precocious Youth (SMPY), now living in a flat world: Four decades of longitudinal research.* Colloquium Lecture, Department of Psychology, University of Oklahoma, Norman, OK.
- Ferriman-Robinson, K., Lubinski, D., & Benbow, C. P. (2010, May). Predictors of persistence in highintensity STEM careers among top STEM graduate students: A 10-year longitudinal study. Paper presentation at the tenth biennial Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Lubinski, D. (2010, May). *Educational acceleration, individual differences, and the elephant in the classroom*. Keynote Panel. Tenth biennial Henry B. and Jocelyn Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Park, G., Lubinski, D., & Benbow, C. P. (2010, May). A 20-year follow-up of ability-matched accelerated gifted students. Paper presented at the tenth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Smeets, S., Lubinski, D., & Benbow, C. P. (2010, May). Interventions, supports, and opportunities characterizing the development of exceptional accomplishments among intellectually precocious youth.
  Paper presented at the tenth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Wai, J., Lubinski, D., Benbow, C. P., & Steiger, J. H. (2010, May). Accomplishments in science, technology, engineering, and mathematics (STEM) and its relation to STEM educational dose: A 25year longitudinal study. Paper presented at the tenth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Lubinski, D. (2010, January). *The Study of Mathematically Precocious Youth (SMPY), now living in a flat world: Four decades of longitudinal research.* Colloquium Lecture, Department of Psychology, Duke University, Durham, NC.
- Lubinski, D. (2009, December). *Distinguished contributor interview: Charles Murray*. Interview conducted at the tenth annual meeting of the International Society for Intelligence Research, Madrid, Spain.
- *Ferriman, K.*, Lubinski, D., & Benbow, C. P. (2009, December). *Predictors of persistence in high-intensity STEM careers: A 10-year longitudinal study*. Paper presented at the tenth annual meeting of the International Society for Intelligence Research, Madrid, Spain.
- 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 14<sup>th</sup> 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.

### Conference & Symposia (Organized)

- Lubinski, D., & Detterman, D. K. (2019, July). *Behavioral genetics of intelligence: Its history to the forefront of big data advances*. A full day Lecture Series (the day prior to ISIR's annual conference) consisting of three two-hour lectures to graduate students and postdocs as well as all ISIR conference attendees. Speakers: Thomas J. Bouchard Jr., James J. Lee, & Matthew McGue. Minneapolis, MN.
- Lubinski, D. (2014, October). *Annual Meeting of the Society of Multivariate Experimental Psychology*. Local Host. Nashville, TN.
- Haywood, H. C., & Lubinski, D. (2002, December). *Futures of intellectual assessment and psychometrics*. A full-day symposium of 11 scientific papers (the day prior to ISIR's annual conference). 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 (the day prior to AERA's annual convention). San Francisco, CA.

# **Courses/Seminars Taught**

General Psychology, Psychological Measurement, Assessing Individual Differences in Human Behavior, Human Abilities, Personality Assessment, and Statistics