

Jonathan A. Plucker

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EDUCATION

- 1993 – 1995 University of Virginia, Ph.D. in Educational Psychology with an emphasis in statistics and research methodology
Dissertation: Measurement and structure of the self-concept of gifted adolescents
- 1991 – 1992 The University of Connecticut, M.A. in Educational Psychology: Special Education with a concentration in Education of Gifted and Talented Students
- 1987 – 1991 The University of Connecticut, B.S. in Secondary Chemistry Education, with honors, additional concentration in mathematics
Honors thesis: Determination of sex-role stereotypes in the sciences

ACADEMIC EXPERIENCE

- 1997 – Present Professor of Educational Psychology and Cognitive Science, Indiana University, Bloomington, IN (Assistant Professor, 1997-2001; Associate Professor, 2001-2006)
- 1998, summer Visiting Scholar, Duke University Talent Identification Program, Durham, NC
- 1995 – 1997 Assistant Professor of Educational Psychology and Measurement, Maine Education Policy Research Institute, University of Maine, Orono, ME

OTHER PROFESSIONAL EXPERIENCE

- 2004 – Present Director, Center for Evaluation and Education Policy (resulting from the merger of the Indiana Center for Evaluation and Indiana Education Policy Center)
- 2003, fall Interim Director, Indiana Center for Evaluation, Indiana University
- 2003 Director, Indiana Education Policy Center, Indiana University
- 1999 Director, Peace Education/Violence Prevention Conference, Indiana University
- 1997 Director, Gifted Education Summer Institute, University of Maine
- 1993 – 1995 Research Assistant, The National Research Center on the Gifted and Talented, University of Virginia, Charlottesville, VA
- 1992 – 1993 Teacher, West Point (NY) Elementary and Middle Schools
- 1991 – 1992 Research Assistant, The National Research Center on the Gifted and Talented, The University of Connecticut

COURSES TAUGHT

- Theoretical Perspectives on Giftedness, Creativity, and Talent (doctoral seminar)
- Learning and Cognitive Theory in Education (graduate)
- Evaluation Models and Methods (graduate)
- Creativity: Research, Theory, and Instruction (doctoral seminar)
- Creativity: Debunking Myths & Enhancing Innovation (undergraduate)
- Intelligence Theory (doctoral seminar)
- College Teaching (graduate)
- Advanced Creativity Seminar (undergraduate)
- Introduction to Educational Research (University of Maine, graduate)
- Advanced Educational Psychology (University of Maine, doctoral seminar)
- Educational Psychology (University of Maine, undergraduate, graduate)
- Educational Measurement (University of Maine, graduate)

AWARDS AND FELLOWSHIPS

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| 2005, March | Teaching and Learning with Technology Grant, IU Teaching & Learning Technology Centers (Esping, A., & Plucker, J.) to expand intelligence web site |
| 2004, July | Poynter Fellowship on the Ethics of Childhood |
| 2003, March | OTRP Instructional Resource Award from The Society for the Teaching of Psychology (Esping, A., & Plucker, J.) to expand intelligence web site |
| 2001, December | Indiana University SBC Fellowship to develop intelligence web site |
| 2001, March | Robert C. Berlyne Award for outstanding research by a junior scholar, American Psychological Association Division 10 – Psychology & the Arts |
| 2000, September | Scholarship of Learning and Teaching Presentation Award, IU Dean of Faculties Office |
| 2000, May | Mensa Education and Research Foundation Award for Excellence in Research for the paper, with R. Dana, (1998). Alcohol, tobacco, and marijuana use: Relationships to undergraduate students' creative achievement. <u>Journal of College Student Development</u> , 39, 472-481. |
| 2000, March | Teaching Excellence Recognition Award, Indiana University School of Education |
| 1998, October | National Association for Gifted Children Curriculum Award for the unit <u>Turning students into inventors</u> (Gorman, M., Plucker, J., & Brittingham, M.). |
| 1998, July | National Association for Gifted Children Early Scholar Award |
| 1997, November | National Association for Gifted Children Honorable Mention for <u>Gifted Child Quarterly</u> Paper of the Year |
| 1997, May | Mensa International Award for Excellence in Research for Plucker, J., & Taylor, J. W., V. (1998). Too much too soon? Non-radical advanced grade placement and the self-concept of gifted students. <u>Gifted Education International</u> , 12, 121-135. |

GRANTS AND CONTRACTS

Over \$7 million from 60 grants and contracts, including:

Evaluation of the Reading First Program, Indiana Department of Education, \$986,016, 2006-2009.
Evaluation of the Amgen Scholars Program, Amgen Foundation, \$440,533, 2006-2010
Learn More Survey Project, Indiana Commission for Higher Education, \$99,927, 2006-2007
Evaluation of the Ohio Leadership Forum Project, Ohio Department of Education, \$40,881, 2006-2007
Help Me Grow Developmental Evaluation Tool Alignment, Ohio Department of Health, 2006-2007, \$97,238
Afterschool Randomized Controlled Trial: The Voyager Passport Program in Kentucky 21st Century Community Learning Centers, The National Partnership for Quality Afterschool Learning at SEDL, 2006-2008, \$603,543
Research-Based Reading Reform: Technical Support for Indiana's Early Intervention Grant Program, Indiana Department of Education, 2006-2007, \$165,000
Evaluation Technical Assistance, U. S. Department of Education Office of Innovation and Improvement and Synergy Enterprises, 2005-2006, \$117,086
Evaluation of the Kentucky Transition to Teaching Program, \$70,000, 2005-2007
Evaluation of the Computer Assisted Learning Method for Chemistry, Indiana Dept of Education, \$10,000, 2005
Alternative Education Program Profile Project, Indiana Department of Education, \$66,000, 2005-2007
Special Education Service Delivery Study, Indiana Department of Education, \$384,091, 2005
Cleveland Scholarship and Tutoring Program (CSTP) Evaluation, Ohio Department of Education, \$50,763, 2005
Experimental Evaluation of a Full-Day Kindergarten Program, U. S. Department of Education, Institute for Education Sciences, \$802,418, 2005-2008
Georgia Charter Schools Program Evaluation, Georgia Department of Education, \$19,557, 2005
Identification of Students who are Limited English Proficient as Gifted, Ohio Dept of Education, \$46,500, 2005
Evaluation of the Indiana Youth Institute's Compassion Capital Fund Demonstration Project, \$182,264, 2004-2007
Education Resource Center Evaluation, Simon Youth Foundation, \$90,253, 2004-2005.
Teaching American History Program Analysis and Technical Assistance, U.S. Department of Education and Synergy Enterprises, \$195,431, 2004-2006.
Evaluation of the Kentucky 21st Century Community Learning Centers Program, \$785,445, 2004-2006.
Evaluation of the Indianapolis Public Schools/National Urban Alliance Literacy Program, \$143,473, 2004.
Indiana Dept of Education Charter School Research and Technical Assistance Project, \$235,000, 2004-2005.
Evaluation of the Reading First Program, Indiana Department of Education, \$382,329, 2003-2006.
Evaluation of the "Expanding the Pool" Teacher Recruitment Pilot, Ohio Dept of Education, \$251,354, 2003-2005.
Research-Based Reading Reform: Technical Support for Indiana's Early Intervention Grant Program, Indiana Department of Education, \$422,711, 2002-2005.
Full Day Versus Half Day Kindergarten: Review and Analysis of National and Indiana Data, Indiana Association of Public School Superintendents, \$19,906, 2003.
Evaluation of the Comprehensive School Reform Program in Michigan: Years 3 and 4, Michigan Department of Education and NCREL, \$220,000, 2002-2003.
Analysis of Community Service Programming Options for Suspended and Expelled Students, Indiana Department of Education, \$10,000, 2002-2003.

PUBLICATIONS

Refereed Journal Publications

Harris, B., Rapp, K. E., Martinez, R. S., & Plucker, J. A. (in press). Identifying English language learners for gifted and talented programs: Current practices and recommendations for improvement. Roeper Review.
Beghetto, R., & Plucker, J. (in press). Darwinian creativity in the classroom? Creativity Research Journal.
Trotter, A., Eckes, S. & Plucker, J. (in press). Education management organizations and charter schools: Serving all students. Education Law Reporter.

Refereed Journal Publications, continued

- Plucker, J., Eckes, S., Rapp, K., Benton, S., & Simmons, A. (in press). Perspectives on the university sponsorship of charter schools: An exploration of one state's decision-making approach. Charter School Review.
- Eckes, S., Plucker, J., & Benton, S. (in press). Charter school accountability: Legal considerations concerning non-renewal and revocation procedures. Education and Law Journal.
- Plucker, J., Runco, M., & Lim, W. (2006). Predicting ideational behavior from divergent thinking and discretionary time on task. Creativity Research Journal, *18*, 55-63.
- Eckes, S. E., & Plucker, J. (2005). Charter schools and gifted education: Legal obligations. Journal of Law and Education, *34*, 421-436.
- Plucker, J. (2004). Exploratory and confirmatory factor analysis in gifted education: Examples with self-concept data. Journal for the Education of the Gifted, *27*, 20-35.
- Plucker, J., Beghetto, R. A., & Dow, G. (2004). Why isn't creativity more important to educational psychologists? Potential, pitfalls, and future directions in creativity research. Educational Psychologist, *39*, 83-96.
- Plucker, J., Robinson, N. M., Greenspon, T. S., Feldhusen, J., McCoach, D. B., & Subotnik, R. (2004). It's not how the pond makes you feel, but rather how high you can jump [Comment]. American Psychologist, *59*, 268-269.
- Plucker, J. (2004). Generalization of creativity across domains: Examination of the method effect hypothesis. Journal of Creative Behavior, *38*, 1-12.
- Paul, K. M., & Plucker, J. (2004). Two steps forward, one step back: Effect size reporting in gifted education research from 1995-2000. Roeper Review, *26*, 68-72.
- Rinn, A. N., & Plucker, J. (2004). We recruit them, but then what? The educational and psychological experiences of academically talented undergraduates. Gifted Child Quarterly, *48*, 54-67.
- Plucker, J., & Teed, C. (2004). Evaluation of an alternative methodology for investigating leadership and binge drinking among sorority members. Addictive Behaviors, *29*, 381-388.
- Grow, P. L., & Plucker, J. (2003). Good problems to have: Implementing problem-based learning without redesigning a curriculum. The Science Teacher, *70*(9), 31-35.
- Lim, B., Plucker, J., & Bichelmeyer, B. (2003). Learning by web design: How it affects graduate student attitudes. College Teaching, *51*(1), 13-19.
- Machek, G. R., & Plucker, J. (2003, December). Individual intelligence testing and giftedness: A primer for parents. Parenting for High Potential, 10-15.
- Levy, J. J., & Plucker, J. (2003). Assessing the psychological presentation of gifted and talented clients: A multicultural perspective. Counselling Psychology Quarterly, *16*, 229-247.
- MaKinster, J. G., Beghetto, R. A., & Plucker, J. A. (2002). Why can't I find Newton's Third Law? Case studies of students' use of the Web as a science resource. Journal of Science Education & Technology, *11*, 155-172.
- Plucker, J. (2002). What's in a name? Young adolescents' implicit conceptions of invention. Science Education, *86*, 149-160.
- Nowak, J. A., & Plucker, J. (2002). Do as I say, not as I do? Student assessment in problem-based learning. Inquiry: Critical Thinking Across the Disciplines, *21*(2), 17-31.
- Barab, S. A., & Plucker, J. (2002). Smart people or smart contexts? Talent development in an age of situated approaches to learning and thinking. Educational Psychologist, *37*, 165-182.
- Lim, W., Plucker, J., & Im, K. (2002). We are more alike than we think we are: Implicit theories of intelligence with a Korean sample. Intelligence, *20*, 185-208.
- Plucker, J. (2000-2001). Introduction to the special issue: Commemorating Guilford's 1950 presidential address. Creativity Research Journal, *13*, 247.
- Runco, M. A., Plucker, J., & Lim, W. (2000-2001). Development and psychometric integrity of a measure of ideational behavior. Creativity Research Journal, *13*, 393-400.
- Beghetto, R. A., Plucker, J., & MaKinster, J. G. (2000-2001). Who studies creativity and how do we know? Creativity Research Journal, *13*, 351-357.
- Marsh, H. W., Plucker, J., & Stocking, V. B. (2001). The Self-Description Questionnaire II and gifted students: Another look at Plucker, Taylor, Callahan & Tomchin's (1997) "Mirror, Mirror on the Wall." Educational and Psychological Measurement, *61*, 976-996.
- Plucker, J., & Stocking, V. (2001). Looking outside and inside: Self-concept development of gifted adolescents. Exceptional Children, *67*, 535-548.

Refereed Journal Publications, continued

- Lim, W., & Plucker, J. (2001). Creativity through a lens of social responsibility: Implicit theories of creativity with Korean samples. Journal of Creative Behavior, *35*, 115-130.
- Lim, B., Plucker, J., & Nowak, J. (2001). We are what we weave? Issues and guidelines for learning by web design. Educational Technology, *41*(6), 23-27.
- Plucker, J. (2001). Looking back, looking around, looking forward: The impact of intelligence theories on gifted education. Roeper Review, *23*, 124-125.
- Plucker, J., & Levy, J. J. (2001). The downside of being talented [Comment]. American Psychologist, *56*, 75-76.
- Plucker, J. (2000). Flip sides of the same coin or marching to the beat of different drummers? A response to Pyryt. Gifted Child Quarterly, *44*, 193-195.
- Plucker, J., & Slavkin, M. L. (2000). No school is an island. Principal Leadership, *1*(1), 48-53.
- Plucker, J. (1999). Is the proof in the pudding? Reanalyses of Torrance's (1958 to present) longitudinal study data. Creativity Research Journal, *12*, 103-114. Reprinted in (2000). Mensa Research Journal, *45*, 117-134.
- Plucker, J., & Gorman, M. E. (1999). Invention is in the mind of the adolescent: Evaluation of a summer course one year later. Creativity Research Journal, *12*, 141-150.
- Plucker, J. (1999). Reanalyses of student responses to creativity checklists: Evidence of content generality. Journal of Creative Behavior, *33*, 126-137.
- Plucker, J., & Yecke, C. (1999). The effect of relocation on gifted students. Gifted Child Quarterly, *43*, 95-106.
- Reynolds, E., & Plucker, J. (1999). Panning for gold (creatively) on the new frontier: Locating and evaluating educational resources on the Internet. NASSP Bulletin, *83*, 8-15.
- Plucker, J., Hill, C., & Yecke, C. (1998, March). "We're moving again?" Starting your gifted child in a new school. Parenting for High Potential, *23*, 31.
- Plucker, J., & Taylor, J. W., V. (1998). Too much too soon? Non-radical advanced grade placement and the self-concept of gifted students. Gifted Education International, *12*, 121-135.
- Plucker, J., & Runco, M. (1998). The death of creativity measurement has been greatly exaggerated: Current issues, recent advances, and future directions in creativity assessment. Roeper Review, *21*, 36-39. Reprinted in (2001), Mensa Research Journal, *32*(1).
- Plucker, J., & Dana, R. Q. (1998). Alcohol, tobacco, and marijuana use: Relationships to undergraduate students' creative achievement. Journal of College Student Development, *39*, 472-481.
- Plucker, J., & Dana, R. Q. (1998). Creativity of undergraduates with and without family history of alcohol and other drug problems. Addictive Behaviors, *23*, 711-714.
- Plucker, J. (1998). Beware of simple conclusions: The case for content generality of creativity. Creativity Research Journal, *11*, 179-182.
- Plucker, J. (1998). Gender, race, and grade differences in gifted adolescents' coping strategies. Journal for the Education of the Gifted, *21*, 423-436.
- Plucker, J., & Quaglia, R. J. (1998). The student aspirations survey: Assessing student effort and goals. Educational and Psychological Measurement, *58*, 252-257.
- Gorman, M. E., Plucker, J., & Callahan, C. M. (1998, March). Turning students into inventors: Active learning modules for secondary students. Phi Delta Kappan, 530-535.
- Plucker, J. (1998). The relationship between school climate conditions and student aspirations. The Journal of Educational Research, *91*, 240-246.
- Cunningham, C. M., Callahan, C., Plucker, J., Roberson, S., & Rapkin, A. (1998). Identifying Hispanic students of outstanding talent: Psychometric integrity of a peer nomination form. Exceptional Children, *64*, 197-209.
- Plucker, J. (1997). Debunking the myth of the "highly significant" result: Effect sizes in gifted education research. Roeper Review, *20*, 122-126.
- Plucker, J. (1997). Psychometric characteristics of the *Adolescent Coping Scale* with academically gifted adolescents. The Journal of Secondary Gifted Education, *9*, 5-14.
- Plucker, J., Taylor, J. W., V., Callahan, C. M., & Tomchin, E. M. (1997). Mirror, mirror, on the wall: Reliability and validity evidence for the *Self Description Questionnaire - II* with gifted students. Educational and Psychological Measurement, *57*, 704-713.
- Plucker, J. (1997, January 17). Giving traditional psychometrics its due: Response to Taylor and Nolen (1996). Education Policy Analysis Archives, *4*(17). Available at <http://olam.ed.asu.edu/epaa/v4n17c2.html>.

Refereed Journal Publications, continued

- Plucker, J. (1996). Construct validity of the *Student Aspirations Survey*. Jrl of Res in Rural Education, *12*, 161-170.
- McIntire, J., & Plucker, J. (1996). Availability of extracurricular and cultural opportunities for rural middle level gifted students. Rural Special Education Quarterly, *15*(4), 28-35.
- Plucker, J. (1996). Secondary science and mathematics teachers and gender equity: Attitudes and attempted interventions. Journal of Research in Science Teaching, *33*, 737-751.
- Plucker, J., & Ball, D. (1996). Comment on "Learning science in a cooperative setting: Academic achievement and affective outcomes." Journal of Research in Science Teaching, *33*, 677-679.
- Plucker, J., Callahan, C. M., & Tomchin, E. M. (1996). Wherefore art thou, multiple intelligences? Alternative assessments for identifying talent in ethnically diverse and economically disadvantaged students. Gifted Child Quarterly, *40*, 81-92.
- Plucker, J., & McIntire, J. (1996). Academic survivability in high potential, middle school students. Gifted Child Quarterly, *40*, 7-14.
- Plucker, J. (1996). Gifted Asian American students: Curricular and counseling concerns. Journal for the Education of the Gifted, *19*, 315-343.
- Plucker, J., & Gorman, M. E. (1996). Nurturing future Edisons: Teaching invention to gifted students. Tempo: Journal of the Texas Association for the Gifted and Talented, *16*, 10-12.
- Plucker, J., & Gorman, M. E. (1995). Group interaction during a summer course on invention and design for high ability secondary students. The Journal of Secondary Gifted Education, *6*, 258-272.
- Callahan, C. M., Cunningham, C. M., & Plucker, J. (1994). Foundations for the future: The socio-emotional development of gifted, adolescent women. Roeper Review, *17*, 99-105.
- Plucker, J. (1994). Introducing female, quantitative role models into the curriculum: Location and evaluation of resources. Journal of Women and Minorities in Science and Engineering, *1*, 209-220.
- Plucker, J. (1994). Issues in the social-emotional adjustment and development of a gifted, Chinese American student. Roeper Review, *17*, 89-94.

Chapters and Related Book Contributions

- Makel, M. C., & Plucker, J. (in press). Creativity. In S. I. Pfeiffer (Ed.), Handbook of the gifted & talented: A psychological approach. New York: Kluwer Academic/Plenum Publishers.
- Esping, A., & Plucker, J. (in press). Theories of intelligence. In F. A. Karnes & K. R. Stephens (Eds.), Gifted education. Merrill Education/Prentice-Hall Publishing.
- Plucker, J., & Esping, A. (in press). L. L. Thurstone. In F. T. L. Leong (Ed.), Encyclopedia of counseling. Sage.
- Beghetto, R. A., & Plucker, J. (2006). The relationship among schooling, learning, and creativity: "All roads lead to creativity" or "You can't get there from here"? In J. C. Kaufman & J. Baer (Eds.), Creativity and reason in cognitive development (pp. 316-332). New York: Cambridge University Press.
- Kaufman, J. C., Plucker, J., Dow, G. T., Baer, J., Andrews, C. J., Mitchell, E. R., & Kaufman, A. B. (2006). Creativity and the special education student. In E. Fletcher-Janzen & C. R. Reynolds (Eds.), Special education almanac (pp. 369-390). Hoboken, NJ: John Wiley.
- Plucker, J., & Barab, S. A. (2005). The importance of contexts in theories of giftedness: Learning to embrace the messy joys of subjectivity. In R. J. Sternberg & J. A. Davidson (Eds.), Conceptions of giftedness (2nd ed.) (pp. 201-216). New York: Cambridge University Press.
- Plucker, J. (2005). The (relatively) generalist view of creativity. In J. C. Kaufman & J. Baer (Eds.), Creativity across domains: Faces of the muse (pp. 307-312). Mahwah, NJ: Lawrence Erlbaum Associates.
- Plucker, J., & Beghetto, R. (2004). Why creativity is domain general, why it looks domain specific, and why the distinction does not matter. In R. J. Sternberg, E. L. Grigorenko, & J. L. Singer (Eds.), Who's creative (pp. 153-167)? Washington, DC: American Psychological Association.
- Plucker, J., & Esping, A. M. (2003). Henry H. Goddard. In J. W. Guthrie (Ed.), Encyclopedia of education (2nd ed.) (pp. 940-942). New York: Macmillan Reference.
- Plucker, J. (2003). John B. Watson. In J. W. Guthrie (Ed.), Encyclopedia of education (2nd ed.) (pp. 2668-2670). New York: Macmillan Reference.

Chapters and Related Book Contributions, continued

- Plucker, J., & Beghetto, R. (2003). Why not be creative when we enhance creativity? In J. H. Borland (Ed.), Rethinking gifted education (pp. 215-226). New York: Teachers College Press.
- Gorman, M. E., & Plucker, J. (2003). Teaching invention as critical creative processes: A course on technoscientific creativity. In M. A. Runco (Ed.), Critical creative processes (pp. 275-302). Cresskill, NJ: Hampton Press.
- Plucker, J., & Runco, M. A. (2001). Current issues, recent advances, and future directions in creativity assessment. In N. Colangelo & S. G. Assouline (Eds.), Talent development IV: Proceedings of the Wallace Symposium (pp. 405-409). Scottsdale, AZ: Great Potential Press.
- Stocking, V., & Plucker, J. (2001). Evaluation of the internal/external frame of reference model for gifted early adolescents' self-concept. In N. Colangelo & S. G. Assouline (Eds.), Talent development IV: Proceedings of the Wallace Symposium (pp. 439-443). Scottsdale, AZ: Great Potential Press.
- Plucker, J., & Nowak, J. (2000). Creativity in science for K-8 practitioners: Problem-based approaches to discover and invention. In M. D. Lynch & C. R. Harris (Eds.), Fostering creativity in children, K-8 (pp. 145-158). Boston: Allyn and Bacon.
- Plucker, J. (1999). Scenarios on fostering creativity. In S. Totten, C. Johnson, L. R. Morrow, & T. Sills-Briegel (Eds.), Practicing what we preach: Preparing middle level educators (pp. 60-63). New York: Falmer Press.
- Plucker, J. (1999). Assessment simulation. In S. Totten, C. Johnson, L. R. Morrow, & T. Sills-Briegel (Eds.), Practicing what we preach: Preparing middle level educators (pp. 210-214). New York: Falmer Press.
- Plucker, J., & Runco, M. (1999). Deviance. In M. A. Runco & S. Pritzker (Eds.), Encyclopedia of creativity (pp. 541-545). San Diego, CA: Academic Press.
- Plucker, J., & Runco, M. (1999). Enhancement of creativity. In M. A. Runco & S. Pritzker (Eds.), Encyclopedia of creativity (pp. 669-675). San Diego, CA: Academic Press.
- Plucker, J., & Dana, R. Q. (1999). Drugs and creativity. In M. A. Runco & S. Pritzker (Eds.), Encyclopedia of creativity (pp. 607-611). San Diego, CA: Academic Press.
- Plucker, J., & Renzulli, J. S. (1999). Psychometric approaches to the study of human creativity. In R. J. Sternberg (Ed.), Handbook of creativity (pp. 35-60). New York: Cambridge University Press.

Selected Book Reviews

- Makel, M. C., & Plucker, J. (in press). An exciting – but not necessarily comprehensive – tour of the globe: A review of *The International Handbook of Creativity. Psychology of Aesthetics, Creativity, and the Arts*.
- Makel, M. C., & Plucker, J. (in press). A review of *Nurturing Talent in High School: Life in the Fast Lane* by Laurence J. Coleman. Gifted Child Quarterly.
- Jackson, K., & Plucker, J. (2005, April 13). Leading or workbooking for results? [Review of *Leading for Results: Transforming Teaching, Learning, and Relationships in Schools*]. PsycCRITIQUES, 50(15), Article 16.
- Martínez, R. S., & Plucker, J. (2004). Identifying gifted students: How far has gifted education progressed and where is it heading? [Review of the book *Identification of students for gifted and talented programs*]. PsycCRITIQUES: APA Review of Books, 49(12).
- Plucker, J. (2004). Gifted education policy: A first step on a difficult but necessary journey. [Review of the book *Public policy in gifted education*]. PsycCRITIQUES: APA Review of Books, 49(10).
- Plucker, J., & Dow, G. T. (2003). What type of role should psychologists play in education? Review of *American Psychology & Schools: A Critique* by Seymour B. Sarason. Contemporary Psychology, 48, 604-606.
- Plucker, J., & Beghetto, R. (2000). Needles in haystacks or fields of plenty? A content analysis of popular creativity texts. Gifted Child Quarterly, 44, 135-138.
- Plucker, J., & Nowak, J. (1999). Review of *How to Use Problem-based Learning in the Classroom and Problems as Possibilities: Problem-based Learning for K-12 Education*. Roeper Review, 22, 69-70.
- Plucker, J. (1999). The vineyard of measurement: Is the wine old? Are the bottles new? A review of *Advanced Applications of Curriculum-Based Measurement*. Contemporary Psychology, 44, 197-199.
- Plucker, J. (1995). *Creativity: Beyond the myth of genius* [Book Review]. Roeper Review, 17, 215.
- Plucker, J. (1994). 101 ways to read a book: A review of *Terman's kids* by Joel Shurkin. Journal for the Education of the Gifted, 17, 472-475.

Selected Book Reviews, continued

- Plucker, J. (1994). *Creating minds* [Book review]. Gifted Child Quarterly, 38, 49-51.
- Plucker, J. (1994). *Lifting the barriers* [Book Review]. Journal of Women and Minorities in Science and Engineering, 1, 171-173.

Selected Other Publications

Selected technical reports

- Plucker, J., Spradlin, T., Kemp, A., Bodack, K., Macey, E., & Cary, S. (2007). Evaluation of the Early Literacy Intervention Grant Program: Preliminary report. Bloomington, IN: CEEP [for the Indiana Department of Education].
- Plucker, J., Moss, M. A., & Trotter, A. E. (2006). The state of teacher education in Indiana. Bloomington, IN: CEEP [for the Indiana Association of Colleges for Teacher Education].
- Plucker, J., Spradlin, T., Eckes, S., Toutkoushian, R., Michael, R., Williamson, G., et al. (2006). Special education service delivery in Indiana. Bloomington, IN: CEEP [for the Indiana Department of Education].
- Plucker, J., Eckes, S., Rapp, K. E., Ravert, R., Hansen, J., Trotter, A., & Makel, M. (2005). Baseline evaluation of Georgia's charter schools program: Summary and technical reports. Bloomington, IN: CEEP [for the Georgia Department of Education].
- Plucker, J., Muller, P., Hansen, J., Ravert, R., & Makel, M. (2005). Evaluation of the Cleveland Scholarship and Tutoring Program: Summary and technical reports 1998-2004. Bloomington, IN: CEEP [for the Ohio Department of Education].
- Plucker, J., Muller, P., Rapp, K., Jones, M., & Ravert, R. (2005). Evaluation of Simon Youth Foundation's education resource centers. Bloomington, IN: CEEP.
- Plucker, J., Martinez, R., Harris, B., & Rapp, K. (2005). Identification of students who are limited English proficient as gifted. Bloomington, IN: CEEP [for the Ohio Department of Education].
- Plucker, J., Spradlin, T., Zapf, J., & McQueen, K. (2005). Middle school curriculum project: Final report. Bloomington, IN: CEEP [for the Indiana Department of Education].
- Plucker, J., Eckes, S., Rapp, K., & Benton, S. (2004). Review of charter school application processes of Indiana charter school sponsors. Bloomington, IN: CEEP [for the Indiana Department of Education].
- Plucker, J., Simmons, A., Eckes, S., et al. (2004). University sponsorship of charter schools in Indiana. Bloomington, IN: CEEP [for the Indiana Department of Education].
- Plucker, J., Ravert, R. D., Simmons, A. B., & Kohler, K. M. (2004). A follow-up study of three cohorts of IUB teacher education graduates. Bloomington, IN: CEEP.
- Plucker, J., Humphrey, J., Simmons, A., et al. (2004). Trend analysis of Indiana K-12 library services since the school library printed materials grant. Bloomington, IN: CEEP.
- Plucker, J., Simmons, A. B., Rapp, K. E., et al. (2004). Indiana's early intervention grant program: Site visit report for 2002-2003. Bloomington, IN: CEEP [for the Indiana Department of Education].
- Plucker, J., Ravert, R., Lim, W., et al. (2004). Implementing comprehensive school reform: Lessons from Michigan's statewide evaluations, 2003. Naperville, IL: NCREL/LPA.
- Plucker, J., Pope, A. P., Simmons, A. B., et al. (2004). Case studies in school reform: Comprehensive school reform in Michigan, implementation study for 2002-2003. Naperville, IL: NCREL/LPA.
- Plucker, J., Hessing, J. J., Lim, W., et al. (2003). Indiana's early intervention grant program impact study for 2001-2002. Bloomington, IN: IEPC.
- Plucker, J., Simmons, A. B., Lim, W., et al. (2003). Comprehensive school reform: Effect on teachers and teaching in three states. Naperville, IL: NCREL.
- Plucker, J., Dow, G. T., & Simmons, A. D. (2003). Analysis of programming options for the community service grant program. Bloomington, IN: IEPC.
- Plucker, J., Lim, W., Patterson, A. P., et al. (2003). Implementing comprehensive school reform: Lessons from Michigan's statewide evaluations, 2002. Naperville, IL: NCREL.
- Plucker, J., Patterson, A. P., St. John, E. P., et al. (2003). Case studies in school reform: CSR in Michigan: Implementation study for 2001-2002. Naperville, IL: NCREL.

Selected brief reports

- Plucker, J., Spradlin, T., Zapf, J., & Chien, R. (2007). 2006 public opinion survey on education in Indiana. Bloomington, IN: CEEP.
- Zapf, J., Spradlin, T., & Plucker, J. (2006). Redesigning high schools to prepare students for the future: 2006 update. Education Policy Briefs, 4(6).
- Plucker, J., Wongsarnpigoon, R. L., & Houser, J. H. (2006). Examining college remediation trends in Indiana. Education Policy Briefs, 4(5).
- Rapp, K. E., Eckes, S. E., & Plucker, J. (2006). Cyber charter schools in Indiana: Policy implications of the current statutory language. Education Policy Briefs, 4(3).
- Plucker, J. A., Chien, R. W., & Zaman, K. (2006). Enriching the high school curriculum through postsecondary credit-based transition programs. Education Policy Briefs, 4(2).
- Spradlin, T. E., Plucker, J. A., Prendergast, K. A., & Bell, B. L. (2006). Are Indiana's public schools in need of education deregulation? Education Policy Brief, 4(1).
- Plucker, J., Spradlin, T., Zapf, J., Chien, R., & Jackson, R. (2006). 2005 public opinion survey on education in Indiana. Bloomington, IN: CEEP.
- Plucker, J., Eckes, S., Chang, Y., Benton, S., Trotter, E., Bradford, M., & Associates. (2005). Charter schools in Indiana: Overview, funding, and federal expenditures. Bloomington, IN: CEEP.
- Plucker, J., Spradlin, T., Cline, K., & Wolf, K. (2005). No Child Left Behind spring 2005 implementation update. Education Policy Briefs, 3(6).
- Plucker, J., Zapf, J., & McNabb, S. (2005). Rewarding teachers for students' performance: Improving teaching through alternative teacher compensation programs. Education Policy Briefs, 3(5).
- Plucker, J., & Zapf, J. (2005). Short-lived gains or enduring benefits? The long-term impact of full-day kindergarten. Education Policy Briefs, 3(4).
- Cline, K., Spradlin, T., & Plucker, J. (2005). Child obesity in Indiana: A growing public policy concern. Education Policy Briefs, 3(1).
- Plucker, J., Spradlin, T., & Zapf, J. (2005). 2004 public opinion survey on education in Indiana. Bloomington, IN: CEEP.
- Plucker, J. A., Zapf, J. S., & Spradlin, T. E. (2004). Redesigning high schools to prepare students for the future. Education Policy Briefs, 2(6).
- Eckes, S. A., & Plucker, J. (2004). Charter revocations: Legal considerations concerning procedure. Education Policy Briefs, 2(5).
- Plucker, J., Simmons, A. B., Eckes, S., Rapp, K. E., & Benton, S. A. (2004). University sponsorship of charter schools in Indiana. Bloomington, IN: CEEP.
- Plucker, J., Chamberlin, M., Zapf, J., & Simmons, A. (2004). 2003 public opinion survey on education in Indiana. Bloomington, IN: CEEP.
- Plucker, J., Eaton, J., Rapp, K., et al. (2004). The effects of full day versus half day kindergarten: Review and analysis of national and Indiana data. Indianapolis, IN: Indiana Assoc. of Public School Superintendents.
- Chamberlin, M., Plucker, J., & Kearns, A. (2004). Highly qualified teachers in Indiana. Ed Policy Briefs, 1(4).
- Plucker, J., Jones, M. H., & Chamberlin, M. A. (2003). ISTEPing in the right direction? An analysis of fall versus spring testing. Education Policy Briefs, 1(3).
- Chamberlin, M., & Plucker, J. (2003). The four-day school week. Education Policy Briefs, 1(2).
- Plucker, J. (2003). Analysis of Indiana's efforts to improve student literacy. Education Policy Briefs, 1(1).

Selected newspaper publications

- Plucker, J. (2007, March 1). Charter movement must spread word about itself. Indianapolis Star, A11.
- Plucker, J. (2006, October 1). Full-day kindergarten. Indianapolis Star, E1, E5.
- Plucker, J. (2006, September 27). School finance vs. school choice: The "65 percent solution" is no solution at all. Education Week, 26(5), 30.
- Plucker, J. (2006, September 17). Researcher errs in voucher assumptions. Indianapolis Star, E2.
- Plucker, J. (2006, June 4). Research shows benefits of full-day kindergarten. Bloomington Herald-Times, A10.
- Plucker, J. (1998, March 11). Is gifted education still viable? Yes – But we should broaden our definition of talent. Education Week, 17(26), 33-35.
- Plucker, J., & Omdal, S. N. (1997, June 18). Beyond "boredom": Addressing complex issues with real solutions. Education Week, 16(38), 32.
- Plucker, J. (1996, Aug. 4). Government has role in helping gifted students. Maine Sunday Telegram, 1C, 6C.

EDITORIAL EXPERIENCE

Editorial Boards

2006 – Present	<u>Psychology of Aesthetics, Creativity, and the Arts</u>
2005 – 2006	<u>Journal of Secondary Gifted Education</u>
2003 – Present	<u>Journal of Creative Behavior</u> (reviewer, 2002)
2002 – Present	<u>Creativity Research Journal</u> (reviewer, 1992-2002; action editor, 1999, 2005)
1998 – 2003	Contributing Editor, <u>Roeper Review</u>
1997 – 2002	<u>Journal of Research in Rural Education</u> (reviewer, 1995-1997, 2002-present)
1996 – 2001	<u>Journal of Research in Science Teaching</u> (reviewer, 1995-1996, 2001-present)
1995 – Present	<u>Gifted Child Quarterly</u> (also reviewer, 1994-1995)

Ad Hoc Review and Editorial Responsibilities

1994 – Present	Reviewer for <u>Addictive Behaviors</u> , <u>American Journal of Evaluation</u> , <u>Learning and Individual Differences</u> , <u>Journal of Personality and Social Psychology</u> , <u>Journal of Personality</u> , <u>Imagination, Cognition, & Personality</u> , <u>International Journal of Psychology</u> , <u>European Journal of Psychology in Education</u> , <u>Psychological Reports</u> , <u>Public Health Nutrition</u> , <u>Journal of Research in Personality</u> , <u>Perceptual and Motor Skills</u> , <u>Research in the Schools</u> , <u>Journal of Educational Psychology</u> , <u>Educational and Psychological Measurement</u> , <u>Journal of Women & Minorities in Science & Engineering</u> , <u>Journal for the Education of the Gifted</u> , <u>Urban Review</u>
2006	Guest Editor, <u>Journal of Secondary Gifted Education</u> , new voices in gifted education
2001 – 2002	Guest Editor, <u>Inquiry: Critical Thinking Across Disciplines</u> , giftedness
2001	Guest Editor, <u>Roeper Review</u> , new and emerging conceptions of intelligence
2000/2001	Guest Editor, <u>Creativity Research Journal</u> , Guilford's influence on the field
2000	Guest Editor, <u>NASSP Bulletin</u> , school violence prevention
1997	Guest Editor, <u>NASSP Bulletin</u> , giftedness and talent

Other Editorial Responsibilities

2004	Proposal Reviewer, Vienna Science and Technology Fund (WWTF)
2003-2004	Panel Member and Ad Hoc Proposal Reviewer, National Science Foundation
2003	Proposal Reviewer, two grant review panels for the U. S. Department of Education
2001 – 2003	Proposal Reviewer, SENG Research Grants Program
1996 – Present	Reviewer, book proposals and manuscripts for several publishers, including Lawrence Erlbaum, Corwin Press, Allyn & Bacon, Oxford University Press, Merrill-Prentice Hall, American Psychological Association, Cambridge University Press, Teachers College Press, and Sage
1992-1994, 2000	Reviewer, National Research Center on the Gifted & Talented Monograph Series
2000	Section Reviewer, <u>What Works with Talented Youth</u> , U.S. Dept. of Education
1998 – 1999	Proposal Reviewer, AERA Division D
1997 – 1998	Reviewer, two submissions to the <u>Encyclopedia of Creativity</u> , Academic Press
1996	Proposal Reviewer, Canadian Social Sciences and Humanities Research Council

SELECTED PRESENTATIONS

Over 125 presentations at international, national, regional, and local conferences, annual meetings, and symposia. Recent selected presentations include:

- Plucker, J., Makel, M., & Associates. (2006, November). The impact of charter schools on promoting high levels of mathematics achievement. Paper presented at the annual conference of the National Association for Gifted Children, Charlotte, NC.
- Plucker, J. (2006, November). Creativity and critical thinking. Invited panel presentation at the annual conference of the National Association for Gifted Children, Charlotte, NC.
- Plucker, J., Esping, A., & Spradlin, T. (2006, August). The excellence achievement gap: State-level data. Paper presented at the annual meeting of the American Psychological Association, New Orleans, LA.
- Plucker, J., Neustadter, D., & Holden, J. (2006, August). The criterion problem and cinematic creativity: Psychometric characteristics of alternative measures. Paper presented at the annual meeting of the American Psychological Association, New Orleans, LA.
- Harris, B., & Plucker, J. (2006, August). Giftedness in the Mexican culture: Analysis, comparison, and implications. Poster presented at the annual meeting of the American Psychological Association, New Orleans, LA.
- Plucker, J. (2006, June). Enhancing creativity in the classroom. Invited keynote at the second annual Discover Institute, West Lafayette, IN.
- Plucker, J., & Muller, P. (2006, June). An experimental evaluation of full-day kindergarten. Poster presented at the annual research conference of the Institute for Education Sciences, Washington, DC.
- Plucker, J. (2006, April). Enhancing creativity in the classroom, businesses, and families. Invited lecture at Beijing Normal University, Beijing, China.
- Plucker, J., Gentry, M., Martinez, R., Harris, B., Rapp, K., Owen, S. V., & Thomas, A. (2006, April). Under-identification of minority, poor, and English language learners as gifted: A state-wide evaluation study. Paper presented at the annual conference of the American Educational Research Association, San Francisco, CA.
- Eckes, S., Plucker, J., Benton, S., & Trotter, A. (2006, April). Charter school accountability: Legal considerations concerning nonrenewal and revocation procedures. Paper presented at the annual conference of the American Educational Research Association, San Francisco, CA.
- Plucker, J., & Muller, P. A. (2006, April). Impact of a voucher program on academic achievement: Findings from the seven-year longitudinal study. Paper presented at the annual conference of the American Educational Research Association, San Francisco, CA.
- Plucker, J. (2005, November). The achievement gap in Indiana. Presentation sponsored by the Marion County Commission on Youth, Indianapolis, IN.
- Lim, W., & Plucker, J. (2005, November). Evaluation of a model of the impact of constraints on creativity. Paper presented at the annual conference of the National Association for Gifted Children, Louisville, KY.
- Plucker, J. (2005, September). Is there a basic right to gifted education? Philosophical issues in the debate between minimal competency and maximal achievement. Paper presented at the annual symposium of the Poynter Center for the Study of Ethics and American Institutions, Bloomington, IN.
- Plucker, J., & Lim, W. (2005, August). Implicit conceptions on creativity and intelligence across cultures. Paper presented at the annual conference of the American Psychological Association, Washington, DC.
- Plucker, J., Eckes, S., et al. (2005, April). Universities as potential sponsors of charter schools: What do universities consider? Paper presented at the AERA annual conference, Montreal, Quebec.

PROFESSIONAL ORGANIZATIONS

- American Educational Research Association (1993 – Present)
 - Divisions C (Learning & Instruction), D (Measurement & Res Methodology), L (Education Policy & Politics)
 - Research on Giftedness & Talent SIG: Publications Committee, 2004 – Present (Chair, 2005 – Present), Program Chair, 1996 – 1997 (Assistant Program Chair, 1995 – 1996)
 - Charter Schools SIG

Professional Organizations, continued

- American Psychological Association (1997 – Present)
 - Division 10, Society for the Psychology of Aesthetics, Creativity and the Arts: Webmaster, 2000 – 2003; Awards Committee, 2004; At-Large Member, Exec Comm, 2002 – 2005; Treasurer-Secretary, 2005 – 2006, President-elect, 2006 – 2007
 - Division 15, Educational Psychology: Electronic Communication Committee, 2002 – 2003
- National Association for Gifted Children (1991 – Present)
 - Research & Evaluation Division: Past Chair, 2003 – 2005; Chair, 2001 – 2003; Chair-elect, 1999 – 2001
 - Bylaws & Policies Committee (2005 – 2007), Awards Committee (2004 – Present), Governance Task Force (2004 – Present), Committee on Diverse Student Populations in Gifted Education (2001 – Present)
 - Executive Director Search Committee (2003 – 2004)
 - Convention Program Advisory Committee (2001 – 2004)
 - Task Force on Gifted Education at the Secondary Level (1995 – 1997)

SELECTED UNIVERSITY SERVICE

University

- Advisory Committee for the IU Research Scholars Fellowship Program (2006 – Present)
- Provost's Task Force on Graduate Assistant Fee Remissions (2006)
- TLTC Grant Proposal Review Committee (2006)
- Research Integrity Committee (2005 – Present)
- Bloomington Faculty Council Budgetary Affairs Committee (2005 – Present)
- Research Compliance Inquiry Committee (2004 – 2005)
- Grant-in-Aid Review Committee, Office of the Vice President for Research (2004)
- Chancellor's Task Force on Responding to the Lilly Endowment RFP on the Indiana Brain Drain (2003)
- President's Task Force on Indiana's P-16 Plan (2003)
- Wells Scholars Advisory Committee (2002 – 2005)
- Search Committee for Director of Wells Scholars Program (2002 – 2003)
- President's Summer Research Undergraduate Proposal Review Committee (2002 and 2003)
- Chancellor's Task Force on Freshmen Curriculum Reform (2000)
- Dean of Students Faculty Advisory Committee (1998 – 2001)
- Frequent Speaker at Admissions, Orientation, and Continuing Studies events (1998 – Present)
- Chancellor's Task Force on the Feasibility of an IU-based high school for the arts (1998 – 1999)

School of Education

- Search Committee for director of the National Survey of Student Engagement (2006 – 2007)
- Charter Schools Task Force (Co-chair, 2006 – Present)
- Faculty and Budgetary Affairs Committee (2001 – 2004), Chair (2002 – 2004)
- Search Committee for senior learning sciences faculty position (2004)
- Educational Technology Services Advisory Committee (2003-2004)
- Graduate Affairs Committee (1999 – 2002), Seminars and Colloquia Committee (1998 – 1999)
- Lectures and Seminars Committee (1998 – 1999)

Department of Counseling and Educational Psychology

- Merit Review Committee (1999, 2002, 2003)
- Program Head, Learning, Cognition, & Instruction Program (2002 – 2003, 2005 – Present)
- Search Committees for two counseling psychology (2001 – 2002) and inquiry (2006 – 2007) faculty positions
- Educational Psychology Admissions Committee (2000 – 2003)
- Director, department's Preparing Future Faculty program (1998 – 1999)
- Chair, Educational Psychology Associate Instructor Selection Committee (1998)