VITA

Cheryll McLaughlin Adams Director Emerita, Center for Gifted Studies and Talent Development Ball State University

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EDUCATIONAL BACKGROUND

The University of Virginia, Doctor of Philosophy, Educational Psychology, 1994

Major Area of Concentration: Gifted Education, Research

Dissertation title: Determinants of Gifted Middle School and High School Females' Intentions to

Pursue a Career in Science: A Test of the Theory of Planned Behavior

The University of Virginia, Master of Education, Educational Psychology, 1990

The University of Georgia, Bachelor of Science in Education, cum laude, Secondary Science, 1970

PROFESSIONAL EXPERIENCE

University of Virginia 2012-current

Adjunct Instructor, On-line Courses

Ball State University

1996-2012 Director, Center for Gifted Studies and Talent Development

Develop, implement, and evaluate projects that support the mission of the Center; Promote the Center at local, state, national, and international levels; Provide professional development in the area of gifted education and coordinate the endorsement in gifted education; Develop, implement, and evaluate the Saturday Scholars Programs and Summers Scholars programs. Collaborate with other University personnel who wish to research the gifted population; Engage in consulting, research, publication, conference presentations and other activities to assist in securing state and national prominence for the Center. Plan, host, and evaluate the annual Share-IN conference on Parenting and Teaching Gifted Children.

1994-96

Director of Academic Life The Indiana Academy for Science, Mathematics, and Humanities

Supervise and direct the Academy academic program; coordinate, develop, implement, and evaluate the Academy curriculum and academic life program; develop supervise and evaluate the Academy faculty; coordinate and provide leadership to the three Academic Division Chairs (Science, Mathematics, and Humanities); coordinate with the Office of Outreach, Admissions, and Residential Life regarding related aspects of the operation of the Academy; serve as the Academic liaison with Burris Laboratory School.

Steering Committee, Center for Gifted Studies and Talent Development

Develop and participate in Legacy 21, a television series of 10 programs on various topics pertaining to gifted education; teach courses in gifted education; advise other areas of the University regarding gifted students; disseminate information on gifted education throughout the state; initiate and carry out research.

1992-1994

THE UNIVERSITY OF VIRGINIA
Javits Evaluation Grant
The National Research Center on the Gifted and Talented

Graduate Research Assistant:

Document and analyze components of the Javits Grants Projects; Assist in construction of matrix and categorize components of the Javits Grants Projects; Assist in constructing standards for judging success of given strategies and practices among Javits Grants Projects; Draft quarterly reports submitted to OERI; Provide technical assistance for site evaluators; Update Javits files and matrix to reflect new information as received.

Investigation into Instruments and Designs used in Identification of Gifted Students and the Evaluation of Gifted Programs: Continue validity studies on the Diet Cola Science Abilities Test; reliability and validity studies on Montgomery County, MD's Checklist for Identification of Multiple Intelligences; Assist with drafting technical report for OERI.

<u>Pre-Service Teacher Preparation in Meeting the Needs of Diverse Learners</u>: Curriculum coach for preservice teachers; classroom observer for first year teachers; In charge of all quantitative data analysis for project.

1991-1992

THE UNIVERSITY OF VIRGINIA
The National Research Center on the Gifted and Talented

Graduate Research Assistant:

Investigation into Instruments and Designs used in Identification of Gifted Students and the Evaluation of Gifted Programs: Initiated reliability studies of the Diet Cola Science Abilities Test; Data entry-information on test reviews, articles, and other documents related to identification and evaluation practices; Used this information to organize and create 16 databases at the NRC/GT; Updated local files from school systems sending material for inclusion into databases; reviewed over 50 published and unpublished instruments used in identification and evaluation of gifted students using the Scale for the Evaluation of Gifted Identification Instruments, created by the NRC/GT staff

Pre-Service Teacher Preparation in Meeting the Needs of the Gifted: Assisted in the development of the Survey of Practices with Students of Varying Needs Questionnaire; Classroom observer for preservice teacher; In charge of all quantitative data analysis

THE UNIVERSITY OF VIRGINIA, ENHANCING CLASSROOM INSTRUCTION: INTEGRATING MATH AND SCIENCE

Project Director:

A series of 10 television classes for elementary and middle school science teachers; Hired professors and classroom teachers for the series; Identified topics to be covered; Coordinated taping in classrooms for each program; Organized and facilitated two workshops for program participants; Attended each program.

1992-1993

1990-1994

THE UNIVERSITY OF VIRGINIA, DIVISION OF CONTINUING **EDUCATION**

Adjunct Faculty:

Courses Taught

The University of Virginia, Southwest Center

Updates in Math and Science, Spring 1990, Fall 1990 Identification, Characteristics, and Needs of Gifted Students, Spring, 1991

Creativity, Spring 1990, Fall 1991

Practicum in Gifted Education, Summer 1993

The University of Virginia, Lynchburg Center

Identification, Characteristics, and Needs of Gifted Students, Fall 1993

Curriculum for the Gifted and Talented, Fall 1993

Teaching Thinking Skills, Fall 1993

Models, Strategies, and Techniques of Instruction for Gifted Students, Spring 1994

Creativity, Spring 1994

Special Populations of Gifted Students, Spring 1994

The University of Virginia, Roanoke Center

Creativity, Fall 1991 Learning Styles, Fall 1993

Curriculum for the Gifted and Talented, Spring 1994

1993, Summer

THE UNIVERSITY OF VIRGINIA SUMMER ENRICHMENT **PROGRAM**

Administrative Intern: Supervised 9 interns and master teachers in the Summer Enrichment Program; Provided verbal and written evaluations on a weekly basis; Provided final evaluations at the conclusion of the program; worked with individual teachers as necessary to assist them in differentiating curriculum for gifted learners; Made daily observation visits in classrooms; Edited all student evaluations written by master teachers and interns; Other duties as assigned by Program supervisor.

PROGRAM

Master Teacher:

Designed and implemented science curriculum for high ability learners in three two-week sessions/summer. Topics included consumer chemistry, polymer chemistry, and science process skills.

1982-1991 SULLINS ACADEMY

Bristol, VA

Math and Science Coordinator, Testing Coordinator, Teacher of Science, Grades 4-8; Teacher of Math 3, 6, Algebra I, Pre-Algebra; Teacher of Computer, PK3-8; Teacher of Problem-

Solving Skills, Grades 4-8

1974-1975 CHRIST EPISCOPAL SCHOOL

Greenville, SC

Teacher of Math, Grade 7; Teacher of Earth Science, Grade 8;

Teacher of Life Science, Grade 7

1971-1974; 1975-1976 THE EPISCOPAL DAY SCHOOL

Augusta, GA

Teacher of Science and Math, Grades 3-7

1970-1971 COLUMBIA HIGH SCHOOL

Decatur, GA

Teacher of Chemistry

Courses Taught at Ball State

EDEL 676 Research in Elementary Education, Spring 2013 (4 sections)

EDEL 676 Research in Elementary Education, Fall 2012 (2 sections)

EDPSY 520 Introduction to the Gifted Child, Summer 1995, 1996, 1997, 1998, 1999, 2000

EDPSY 520 Introduction to the Gifted Child, televised, Fall 1996, 1998, 2000, 2002

EDPSY 520 Introduction to the Gifted Child, Internet, 2003, 2004, 2009, 2010

EDPSY 621 Identification and Evaluation of Gifted Children, televised, Fall 1997, Spring 1999, 2001

EDPSY 621 Identification & Evaluation of Gifted Children, Summer 2001, 2002, 2003, 2004, 2005, 2006, 2007

EDPSY621 Internet Spring 2004, 2005, 2006, 2007, 2008, Summer 1 2008, Spring 2009, Summer I, 2009, 2010, 2011, SS1 2012

EDPSY 625 Internet, Fall 2007 (formerly EDEL657), Fall 2008, Spring 2009 , Fall 2009, Spring 2010, Fall 2010, Spring 2011, Fall 2011, Spring 2012

EDSEC Authentic Assessment, Summer 1996

EDPSY 290 Educational Psychology, Spring 1997, Fall 1999

MATHS 388H, Underrepresented Voices in Mathematics, Science, and Technology, Fall 1998,

weekly guest lecturer

EDEL657/EDSEC668 Curriculum for Gifted Students, televised, Spring 1998, Fall 1999, Fall 2001, 2002,

2003, 2004

EDEL657, Internet, Fall 2005, 2006,

Courses Taught at The University of Virginia

EDIS 5045 Introductory Strategies for Gifted Education Spring 2013, Spring 2014

EDIS 5046 Introduction to Curriculum for the Gifted Summer 2013, Fall 2013, Spring 2014

ACHIEVEMENTS AND HONORS

Undergraduate

Phi Beta Kappa

Phi Kappa Phi

Graduated cum laude, The University of Georgia, with junior and senior division honors

Honors program, The University of Georgia

Kappa Delta Epsilon, honorary education society, treasurer

Who's Who in Colleges and Universities

Professional

Distinguished Service Award, 2014, National Association for Gifted Children

Legacy Award from Texas Association for the co-authored book, Action Research for Kids, 2013

Indiana Academy for Science, Mathematics, & Humanities John Worthen Leadership in Gifted Education Award, 2012

Vivian L. Conley Award, Muncie 2009

Colby Award, Sigma Kappa National Sorority for Leadership in Education, 2006

Outstanding Service Award, Indiana Association for the Gifted, 2005, 2007

Outstanding Administrative Service, Ball State University, 2004

Early Leader Award, National Association for Gifted Children, 2002

Leadership Award, Indiana Association of the Gifted, 1998

Sigma Xi, 1997

Recipient, John C. Gowan Outstanding Graduate Student Award, National Association for Gifted Children, November, 1994

Recipient, Sigma Kappa Foundation Alumnae Scholarship, January, 1994

Phi Society, 1994

Phi Delta Kappa, 1993

Nominated for Presidential Award for Excellence in Science and Mathematics Teaching, State of Virginia, 1989.

Georgia Association of Independent Schools, Award for Excellence in Teaching, 1974

WEBINARS

Adams, C. M., & Cotabish, A.E. (2013, October). Differentiating Next Generation Science Standards for Gifted and Advanced Learners. Webinar presented for NAGC WOW Series for Fall 2013.

Adams, C. M. (2013, March). Expanding the conversation to include science. Webinar presented for NAGC WOW Series for Winter 2013.

BOOKS

- **Adams, C. M.,** Cotabish, A., & Dailey, D. (2015). A teacher's guide to using the Next Generation Science Standards with gifted and advanced learners. Waco, TX: Prufrock Press
- Adams, C. M., Cotabish, A., & Ricci, M.C. (2014). Using the Next Generation Science Standards with gifted and advanced learners. Waco, TX: Prufrock Press
- **Adams, C.M &** Chandler, K. (2014), Effective programs and program models for underserved gifted students. Waco, TX: Prufrock Press
- Latz, A. O. & Adams, C. M., (2013). Action research for kids. Waco, TX: Prufrock Press.
- **Adams, C.M**. (2013) **Contributing Author.** *Using the Common Core State Standards in mathematics with gifted and advanced learners*, S.K. Johnsen & L. J. Sheffield, editors.. Waco, TX: Prufrock Press
- **Adams, C.M &** Boswell, C. A. (2012), Effective program practices for underserved gifted students. Waco, TX: Prufrock Press.
- Adams, C. M. & Pierce, R. L. (2012) Differentiation the really works: Language Arts grades 6-12. . Waco, TX: Prufrock Press
- **Adams, C. M.** & Pierce, R. L. (2012) *Differentiation the really works: Science grades 6-12.* Waco, TX: Prufrock Press.
- Adams, C. M. & Pierce, R. L. (2012) Differentiation the really works: Math grades 6-12. Waco, TX: Prufrock Press.
- **Adams, C. M.** & Pierce, R. L. (2010) *Differentiation the really works: grades K-2.* Waco, TX: Prufrock Press.
- Adams, C. M. & Pierce, R. L. (2010) Differentiation the really works: grades 3-5. Waco, TX: Prufrock Press.
- Adams, C. M. & Pierce, R. L. (2006). Differentiating Instruction: A Practical Guide to Tiered Lessons in the Elementary Grades. Waco, TX: Prufrock Press.

BOOK CHAPTERS

- **Adams, C. M.** & Pierce, R. L. (2014). Science. In J. Plucker & C. Callahan (Eds.), *Critical issues and practices in gifted education*, 2nd ed, pp
- **Adams, C. M.** (2012). On-line measures of student evaluation of instruction. In M.E. Kite (Ed). Effective evaluation of teaching. http://teachpsych.org/ebooks/evals2012/index.php
- Adams, C. M., Yssel, N., & Anwiler, H. (2012). Twice exceptional gifted learners and RTI: Targeting both sides of the same coin. In M. R. Coleman & S.K. Johnsen (Eds.). Implementing RtI with gifted students: service models, trends, and issues, pp.229-252.
- **Adams, C.M.** (2012). Introduction to programming for gifted learners. In T.L.Cross & J. R. Cross (Eds.). *Handbook for counselors serving students with gifts and talents: Development, relationships, school issues, and counseling needs/interventions*, pp. 105-120.
- **Adams, C. M.,** Murskey, C. V., & Keilty, B. (2012). Programming models and programming design. In S. Johnsen (Ed), *NAGC pre-k*–grade 12 gifted education programming standards: a guide to planning and implementing high-quality services, pp. 141-174.
- Adams, C. M. & Pierce, R. L. (2008). Science, Elementary. In J. Plucker & C. Callahan (Eds.), *Critical issues and practices in gifted education*, pp 563-578.
- **Adams, C. M.** & Pierce, R. L. (2006). Creative thinking. In Felicia Dixon &, Sidney Moon (Eds). *Handbook of Secondary Gifted Education*, pp 343-362. Waco, TX: Prufrock Press.
- Adams, C. M. (2006). Articulating gifted education program goals. In Jeanne Purcell & Rebecca Eckert (Eds.). Designing services and programs for high ability learners: A guidebook for gifted education, pp. 62-72. Thousand Oakes, CA: Corwin
- Pierce, R. L., & Adams, C. M. (2005). Tiered Lessons: One way to differentiate mathematics instruction. In Susan Johnsen & James Kendrick (eds.), *Math education for gifted students*, pp 49-59. Waco, TX: Prufrock Press
- Adams, C. M. (2004). Critical questions about tiered lessons. In Carol Tomlinson, *Instructional Strategies for the Differentiated Classroom: Facilitator's Guide for tapes 1-4*, pp. 256-262. Alexandria, VA: ASCD.
- Tomlinson, C. A., Tomchin, E. M., Callahan, C. M., Adams, C. M., Pizzat-Tinnen, P. M., Cunningham, C. M., Lutz, L. J., Roberson, S. C., Landrum, M. S., Hunsaker, S., & Eiss, N. (2004). Practices of preservice teachers related to gifted and other diverse learners. In Carol Tomlinson (Ed). Differentiation for Gifted and Talented Students, pp. 191-208. Thousand Oaks, CA: Corwin Press.
- **Adams, C. M.** & Pierce, R. L. (2004). Characteristics of Effective Teaching, in Deborah Balog and Mary Kite (Eds). Traditions and Innovations: Teaching at Ball State University. Accessed at www.bsu.edu/gradschool/gsdc.

- Adams, C. M. (2003). Nurturing talent in science. In Paula Olzewski-Kubilius (Ed.) *Early Gifts.*, pp. 19-38. Prufrock Press.
- **Adams, C. M.** (2003). Assessment: Impact on children, parents, and teachers. In Joan F. Smutney (Ed.), *Designing and developing programs for Gifted Students*, pp.145-164. Thousand Oakes, CA: Corwin.
- **Adams, C. M.**, & Moore, S. D. (2003). Designing and implementing curriculum for programs: Elementary and middle levels. In Joan F. Smutney (Ed.), *Designing and developing programs for Gifted Students*, pp.59-68. Thousand Oakes, CA: Corwin.
- Callahan, C. M., Adams, C. M., Bland, L. C., Moon, T. R., Moore, S. D., Perie, M. A., & McIntire, J. A. (1996). Factors influencing recruitment, enrollment, and retention of young women in special schools of mathematics, science, and technology. *Remarkable women: Perspectives on female talent development*. Eds. K. Arnold, K. D. Noble, & R. F. Subotnick (pp. 243-260). Cresskill, NJ: Hampton Press.

PUBLICATIONS in REFEREED JOURNALS

- Yssel, N., Adams, C. M., Clarke, L.S., & Jones, R. (2014). Applying an Rtl model for students with learning disabilities who are gifted. *TEACHING Exceptional Children*, 46(3), 42-52.
- Miller, A. L., Latz, A. O., Jenkins, S.C.W., & Adams, C.M. (2012). A pastiche of outcomes for a teacher-student pair: Experiences within a reading group cluster. *Creative Education*, 3, 61-66. doi:10.4236/ce.2012.31010
- **Adams, C. M.** & Slaven, E. J. (2011). Mentoring in two voices: An autoethnographic fugue. *International Journal of Mentoring and Coaching*, 9(2), 38-55.
- Latz, A. O., & Adams, C. M. (2011). Critical differentiation and the twice oppressed: Social class and giftedness. *Journal for the Education of the Gifted*, *34*, 773-789.
- Pierce, R. L., Cassady, J. C., & Adams, C. M., Speirs Neumeister, K.L., Dixon, F. A., & Cross, T.L. (2011). The effects of clustering and curriculum on the development of gifted learners' math achievement. *Journal for the Education of the Gifted*, 34, 569-594.
- Pierce, R. L., Latz, A. O., & Adams, C. M. (2009). Calculate the possibilities: A case study. *Journal of Women and Minorities in Science and Engineering*, 15(4).
- Adams, C. M. (2009). Myth 14: Waiting for Santa Claus. Gifted Child Quarterly, 53, 272-273.
- Bintz, W. P., Moore, S.D., **Adams, C. M.**, & Pierce, R.L. (Fall, 2009). Using statistics to lie, distort, and abuse data. *Understanding Our Gifted*, 22(1), 14-18.
- Latz, A. O., Speirs Neumeister, K. L., **Adams, C. M.**, and Pierce, R. L. (2009). Peer coaching to improve classroom differentiation: Perspectives from Project CLUE. *Roeper Review, 31*,

- 27-39.
- Cross, T. L., Cassady, J. C., **Adams, C.,** & Dixon, F. (2008). The psychology of gifted adolescents as measured by the MMPI-A. *Gifted Child Quarterly*, *52*, 326-339. *Received MENSA Award for Excellence in Research*
- Speirs Neumeister, K. L., Adams, C. M., Pierce, R. L., Cassady, J. C., & Dixon, F. D. (2007). Fourth-grade teachers' perceptions of giftedness: Implications for identifying and serving diverse gifted students. *Journal for the Education of the Gifted*, 30(4), 479-499.
- Pierce, R. L., **Adams, C. M.**, Speirs Neumeister, K. L. Cassady, J. C., Dixon, F. D., Cross, T. L. (2007). Development of an identification procedure for a large urban school corporation: Identifying culturally diverse and academically gifted elementary students. *Roeper Review*, *29*, 113-118.
- Pierce, R. L., **Adams, C.M.,** & Speirs Neumeister, K. L. (2006) A case for using nonverbal assessment to identify gifted minority students. *Journal of the European Teacher Education Network*, 1(2).
- **Adams, C. M.,** Pierce, R. L., & Speirs Neumeister, K. L. (2005), Identifying underserved populations for gifted services. In N. Hall & D. Springate (Ed.), *The proceedings of the 15th Annual Conference of the European Teacher Education Network.* (pp. 191-196). The University of Greenwich: ETEN
- Pierce, R. L., & Adams, C. M. (2005). Differentiation in mathematics through tiered lessons. *Mathematics Teaching in the Middle School, 11*, 144-149.
- Cross, T.L., Adams, C.M., Dixon, F. A., & Holland, J. (2004). Psychological characteristics of gifted adolescents attending a residential academy: A longitudinal study. *Journal for the Education of the Gifted, 28*, 159-181
- Adams, C. M., & Pierce, R. L. (2004). Attitudes of American & English preservice teachers toward gifted learners, *Gifted and Talented International*, 19, 15-23.
- Adams, C. M. & Pierce, R. L. (2004). Using the CIRCLE MAP to Differentiate Instruction through Tiered Lessons. In N. Hall & D. Springate (Ed.), *Occasional Papers 2004*, The University of Greenwich: ETEN.
- **Adams, C. M.** & Pierce, R. L. (2004). A model for differentiating instruction using tiered lessons. In N. Hall & D. In N. Hall & D. Springate (Ed.), *The proceedings of the 14th Annual Conference of the European Teacher Education Network.* (pp. 171-176). The University of Greenwich: ETEN.
- Pierce, R. L. & Adams, C. M. (2004, Spring). Tiered lessons: One way to differentiate mathematics instruction. *Gifted Child Today*, 27₍₂₎, pp. 58-65.

- Cassady, J. C., Speirs Neumeister, K. L., **Adams, C.M.**, Cross, T.L., Dixon, F.A., & Pierce, R.L., (2004). The differentiated classroom observation scale. *Roeper Review*, 26(3), pp.139-146.
- **Adams, C. M**. & Pierce, R. L. (2003, November/December). Teaching by Tiering, *Science and Children*, 41(3), pp. 30-34
- **Adams, C. M.** (2003). Twenty-five years later- Spinning our wheels or moving forward? *Roeper Review*, 25, 116-117.
- Adams, C. M. & Pierce, R. L. (2003). Attitudes of American and English preservice teachers towards gifted learners. In N. Hall & D. Springate (Ed.), *Occasional Papers 2003*, (pp.109-122). The University of Greenwich: ETEN
- Adams, C. M. & Pierce, R. L. (2003). Attitudes of preservice teachers towards diverse learners. In N. Hall & D. Springate (Ed.), *The proceedings of the 13th Annual Conference of the European Teacher Education Network*. (pp.147-153). The University of Greenwich: ETEN
- Pierce, R. L & Adams, C. M. (2002, April). Differentiated Instruction through tiered lessons in mathematics. *Ohio Journal of Mathematics, Spring* 2002,(45), 24-27.
- Dixon, F. A., Cross, T.C., & Adams, C. M. (2001). Psychological characteristics of academically gifted students in a residential setting: A cluster analysis, *Psychology in the Schools*.
- **Adams, C. M.**, & Cross, T. L. (1999/2000). Distance learning opportunities for academically gifted students. *Journal of Secondary Gifted Education*, 11., 88-96.
- **Adams, C. M.** (1996). Gifted girls and science: Revisiting the issues. *Journal of Secondary Gifted Education*, 7,(4), 447-458.
- Adams, C. M. (1996). Adolescent suicide: One school's response. *Journal of Secondary Gifted Education*, 7, (3), 410-417.
- **Adams, C. M.**, & Callahan, C. M. (1995). The reliability and validity of a performance task for evaluation of science process skills. *Gifted Child Quarterly*, 39, 14-20.
- Tomlinson, C. A., Tomchin, E. M., Callahan, C. M., Adams, C. M., Pizzat-Tinnen, P. M., Cunningham, C. M., Lutz, L. J., Roberson, S. C., Landrum, M. S., Hunsaker, S., & Eiss, N. (1994). Practices of preservice teachers related to gifted and other diverse learners. *Gifted Child Quarterly*, 38, 106-114.
- **Adams, C. M.** (1992). Thinking skills for gifted students. *Journal of Early Childhood Education, 5*, 271-280. [This journal is published by the National Taichung Teachers College, Taichung, Taiwan, Republic of China.]

OTHER JOURNALS

- Cotabish, A. Dailey, D., Miller, R., Coxon, S., & Adams, C.M. (Winter, 2014). The Next Generation Science Standards and high-ability learners. *Teaching for High Potential, Winter, 2014*, 1, 16-17.
- Cotabish, A., & Adams, C. M. (September, 2010). Parent Seminar 101: Teacher standards and gifted learners. *Parenting for High Potential, September, 2010*, 7-10.
- Cotabish, A., Lord, E.W., & **Adams, C. M.** (Fall, 2010). Standards? Standards? Did you say more standards? *Teaching for High Potential*, Fall 2010, p.4, 23.
- Adams, C. M. (2002), Professional Development. Quest, 13(2), 5, 8-9.
- **Adams, C. M.** (2001, Fall). The Iowa acceleration scale. *Images: Journal of the Indiana Association for the Gifted, 15*(3), pp 6.
- **Adams, C. M.** (2001, Winter). An assessment primer. *Images: Journal of the Indiana Association for the Gifted*, 15(4), pp 5-7.
- **Adams, C. M.** (2001, Summer). Professional development through distance learning: Making it work at Ball State University. *Gifted Education Communicator*, 32(2). Pp.16-18.
- **Adams, C. M.** (2001, Winter). Critical questions about tiered lessons. *Images: Journal of the Indiana Association for the Gifted, 15*(1), pp 7-9.
- **Adams, C. M.** (1998, Summer). Center for gifted studies and talent development focusing on three major projects. *Images: Journal of the Indiana Association for the Gifted, 12*(4), pp 1, 14.
- Adams, C. M. (1998, Spring). Gifted Girls conference at Ball State University. *Images: Journal of the Indiana Association for the Gifted*, 12(3), pp.2-3.

NEWSLETTERS

- Adams, C. M. & Pierce, R. L. (2007, June). Elementary Science. SCOPE: Newsletter of the NAGC Curriculum Studies Division, 2 (2).
- **Adams, C. M.**, & Callahan, C. M. (1994, Fall). Examining a tool for assessing multiple intelligences. *The National Research Center on the Gifted and Talented Newsletter*, 6-7.
- Callahan, C. M., Adams, C. M., Moore, S. D., & Pizzat, P. M. (1993, Winter). Developments in identification and evaluation: Databases, new instrument development, and promising practices. *The National Research Center on the Gifted and Talented Newsletter*, 8-9.

BROCHURES

Adams, C. M & Moore, S. D., (2006). Should my child be tested for gifts and talents? Washington, D. C.: NAGC.

BOOK REVIEWS

- Adams, C. M. (2001). Review of Understanding the enneagram. *Roeper Review*.
- **Adams, C. M.** (1997). Essays by Teachers of Math and Science. Review of Celebrating women in mathematics and science. (1996). Miriam P. Cooney, Ed. National Council of Teachers Mathematics, in *Journal of Secondary Gifted Education*, 8(2), 97.
- **Adams, C. M.** (1997). Talented Children and Adults. Review of *Talented children and adults*. (1994). Jane Piirto. New York: Merrill, in *Journal for the Education of the Gifted*, 21(1), 116-119.

SERIES EDITORSHIPS

Adams, C. M., Cross, T.L., Johnsen, S. K., & Montgomery, D. Series Editors: Effective Practices for Underserved Gifted Students. A CEC-TAG Educational Resource series of seven books.

EDITORSHIPS

- Images, (2000-2003) the Journal of the Indiana Association for the Gifted.
- **Adams, C. M., &** Dixon, F. A., (2000). *Research Briefs, 16.* National Association for Gifted Children, Research and Evaluation Division.
- Dixon, F. A., & Adams, C. M., (2001). *Research Briefs, 15.* National Association for Gifted Children, Research and Evaluation Division.
- Adams, C. M., & Dixon, F. A., (2000). *Research Briefs*, 14. National Association for Gifted Children, Research and Evaluation Division.
- Dixon, F. A., & Adams, C. M., (1999). *Research Briefs, 13*. National Association for Gifted Children, Research and Evaluation Division.
- Adams, C. M., & Dixon, F. A., (1998). *Research Briefs, 12*. National Association for Gifted Children, Research and Evaluation Division.
- **Adams, C. M.**, (1996). *The Journal of Secondary Gifted Education, 7*(4). (Gifted Girls: Revisiting the Issue).

MONOGRAPHS

Callahan, C. M., Hunsaker, S. L., **Adams, C. M.**, Moore S. D., & Bland, L. C. (1995). *Instruments used in the identification of gifted and talented students*. Charlottesville, VA: National Research Center on the Gifted and Talented.

PRESENTATIONS

International Conferences

- **Adams, C. M.** & Pierce. R. L. (April 2012). The differentiated classroom observation scale-revised. Paper presented at the European Teacher Education Network Annual Conference, Coimbra, Portugal.
- **Adams, C.M.** & Slaven, E. J. (May, 2011). Mentoring in two voices: An autoethnographic fugue. Paper presented at the 7th International Congress on Qualitative Inquiry, Urbana-Champaign, IL.
- Slaven, E. J. & Adams, C.M. (May, 2011). Mentoring outside one's filed: Turning the negatives into positives. Paper presented at the 7th International Congress on Qualitative Inquiry, Urbana-Champaign, IL.
- Bintz, W.P., Moore, S.D., Pierce, R.L., **Adams, C.M.,** Kelly-Freer, T., Robinson, C., & Dutson, S. (2008, July). Literacy across the curriculum: Using an interdisciplinary framework and award-winning literature to learn about the man who solved one of the most important problems of the 19th century. Paper presented at the 22nd World Congress on Reading, San Jose, Costa Rica.
- **Adams, C. M.,** & Pierce, R. L., (April, 2007). The differentiated classroom observation scale. Paper presented at the European Teacher Education Network Annual Conference, Porto, Portugal.
- Adams, C. M., Pierce, R. L., Kelly-Freer, T., & Robinson, C. (February, 2006). *The synergism of design, math, literacy, and science for exceptional students*. Paper presented at the European Teacher Education Network Annual Conference, Leiden, The Netherlands.
- **Adams. C. M.** Pierce, R. L., & Speirs Neumeister, K. L. (2005, February). *Identifying underserved populations for gifted services*. Paper presented at the European Teacher Education Network Annual Conference, Ohrid, Macedonia, FYRO.
- Moore, S.D., Bintz, W. P., Pierce, R. L., & Adams, C. M. (2004, July). Findings from using an interdisciplinary curriculum framework with award-winning literature to integrate reading, mathematics, & science, 4-8. Paper presented at the International Reading Conference, Manila, Philippines.
- **Adams. C. M.** & Pierce, R. L. (2004, February). *A model for differentiating instruction using tiered lessons*. Paper presented at the European Teacher Education Network Annual Conference, Viana do Castelo, Portugal.
- **Adams, C. M.**, & Pierce, R. L. (2003, February). *Attitudes of American and English preservice and experienced teachers toward diverse learners*. Paper presented at the European Teacher Education Network Annual Conference, Groningen, The Netherlands.
- Adams, C. M. & Pierce, R. L. (2003, January) Differentiating Instruction in Science Through Tiered Lessons. Paper presented at the first annual Hawaii International Education Conference, Honolulu, Hawaii

- Pierce, R. L. & Adams, C. M. (2003, January) *Attitudes of Preservice Teachers Toward Gifted Learners*. Paper presented at the first annual Hawaii International Education Conference, Honolulu, Hawaii
- Callahan, C. M., Adams, C. M., Cunningham, C. M., & Moore, S.D. (1993, August). *The reliability and validity of instruments used in the identification of gifted students*. Paper presented at the World Conference for Gifted and Talented Children, Toronto, Canada.
- Tomlinson, C.A., & Adams, C. M. (1993, August). Attitudes of pre-service teachers and experienced teachers toward gifted students. Paper presented at the World Conference for Gifted and Talented Children, Toronto, Canada.
- Callahan, C. M., Adams, C. M., Bland, L. C., & Moore, S.D. (1993, August). Factors influencing the recruitment, enrollment, and retention of students in special schools of mathematics, science, and technology. Paper presented at the World Conference for Gifted and Talented Children, Toronto, Canada.

National Conferences

- **Adams, C. M.,** Cotabish, A. E.& Dailey, D. (2014, November). *Differentiating the Next Generation Science Standards for grades K-5*. Preconference Workshop presented at the 61th Annual Conference of the National Association of Gifted Children, Baltimore, MD.
- **Adams, C. M.,** Cotabish, A. E.& Dailey, D.. (2014, November). *Differentiating the Next Generation Science Standards at the middle and high school levels*. Preconference Workshop presented at the 61th Annual Conference of the National Association of Gifted Children, Baltimore, MD.
- **Adams, C. M.,** Cotabish, A. E.& Dailey, D.. (2014, November). *Problem-based and project-based learning for scientifically advanced learners*. Preconference Workshop presented at the 61th Annual Conference of the National Association of Gifted Children, Baltimore, MD.
- **Adams, C. M.,** Cotabish, A. E.& Dailey, D.. (2014, November). Lessons from the field: Practitioners talk about using the Next Generation Science Standards in the classroom. Preconference Panel presented at the 61th Annual Conference of the National Association of Gifted Children, Baltimore, MD.
- Olzewski-Kubilius, P. & **Adams, C. M.** (2014, November). *Effective program practices that serve low income and culturally and linguistically diverse learners.*. Preconference Panel presented at the 61th Annual Conference of the National Association of Gifted Children, Baltimore, MD.
- **Adams, C. M.,** Cotabish, A. E.& Dailey, D.. (2014, November). *Differentiating the Next Generation Science Standards for gifted students*. Presented at the 61th Annual Conference of the National Association of Gifted Children, Baltimore, MD.

- Harrison, R., & Adams, C.M. (2014, November). Through the jeweler's loop: Seeing the value of combining challenge, complexity, creativity, and care for our gifted learners. Presentation at the 61th Annual Conference of the National Association of Gifted Children, Baltimore, MD.
- Adams, C. M., Cotabish, A. E.& Dailey, D.. (2014, April). *Differentiating the Next Generation Science Standards for gifted students*. Presented at the Annual Conference of the Council for Exceptional Children, Philadelphia, PA.
- Johnsen, S.K., **Adams, C. M.,** & Kettler, T. (2013, November). *National standards and program design: What every gifted educator needs to know.* Preconference Workshop Essentials Opening Session, presented at the 60th Annual Conference of the National Association of Gifted Children, Indianapolis, IN
- **Adams, C. M.,** Cotabish, A. E.& Ricci, M. K.. (2013, November). *Using the Next Generation Science Standards*. Preconference Workshop presented at the 60th Annual Conference of the National Association of Gifted Children, Indianapolis, IN.
- **Adams, C. M.,** Cotabish, A. E.& Ricci, M. K.. (2013, November). *Gifted education and the Next Generation Science Standards*. Presentation at the 60th Annual Conference of the National Association of Gifted Children, Indianapolis, IN.
- Pierce, R. L., Cassady, J.C., Heller, M. L., & Adams, C. M. (2013, November). *Alternative modes for teacher professional development: Achieving teacher change at a distance*. Poster Presentation at the 60th Annual Conference of the National Association of Gifted Children, Indianapolis, IN.
- Pierce, R. L., Cassady, J.C., Schelling, N., & Adams, C. M. (2013, November). *The impact of math anxiety for gifted learners*. Presentation at the 60th Annual Conference of the National Association of Gifted Children, Indianapolis, IN.
- Dailey, D. D., Cotabish, A. E., & Adams, C.M. (2013, November). Supporting elementary teachers in implementing the Next Generation Science Standards. Presentation at the 60th Annual Conference of the National Association of Gifted Children, Indianapolis, IN.
- Makel, M., **Adams, C.M.,** Plucker, J.A., Sheffield, L/J., & Subotnick, R. F. 2013, November). *Math and science education: From Sputnik to the present and beyond.* Panel discussion at the 60th Annual Conference of the National Association of Gifted Children, Indianapolis, IN.
- **Adams, C. M.,** Boswell, C., Johnsen, S. (2013, April). Modifying state and national curriculum standards for gifted students. Paper presented at the Annual Conference of the Council for Exceptional Children, San Antonio, TX.
- Adams, C. M, (2013, April). Perfectionism. Symposium paper presented at the Annual Conference of the Council for Exceptional Children, San Antonio, TX.

- Yssel, N. & Adams, C.M. (2013, April). *RtI and twice-exceptional students: A promising it.*Paper presented at the Annual Conference of the Council for Exceptional Children, San Antonio, TX.
- Robert, J.L., **Adams, C. M.,** Chandler, K., Johnsen, S, &. Jolly, J. (2013, April). *Using TAG books to highlight diverse learners with gifts and talents*. Showcase presented at the Annual Conference of the Council for Exceptional Children, San Antonio, TX.
- **Adams, C. M.,** Cotabish, A.; Johnsen, S. K., & Sheffield L. J. (2012, November). *Implementing common core mathematics standards: operations and algebra, geometry, measurement and data, and statistics and probability.* Preconference Workshop presented at the 59th Annual Conference of the National Association of Gifted Children, Denver, Co.
- **Adams, C. M.,** Hughes, C., & Murskey, C. (2012, November). *Collaborating with general and special education to better support high-ability students*. Preconference Workshop presented at the 59th Annual Conference of the National Association of Gifted Children, Denver, Co.
- **Adams, C. M.,** (2012, November). *Linking the Common Core State Standards and the Next Generation Science Standards*. Preconference Workshop presented at the 59th Annual Conference of the National Association of Gifted Children, Denver, Co.
- **Adams, C. M.,** (2012, November). *Creativity and complexity in math and science*. Paper presented at the 59th Annual Conference of the National Association of Gifted Children, Denver, Co.
- Sheffield, L. J., Johnsen, S.K., **Adams, C.M**., Cotabish, A., Murskey, C. (2012, November). *Gifted education and the Common Core State Standards: A focus on mathematics*. Paper presented at the 59th Annual Conference of the National Association of Gifted Children, Denver, Co.
- Adams, C. M. (2012. April). Research on Giftedness, Creativity, & Talent SIG: Advanced Curriculum and Classroom Practices Effect on Learners and Teachers, Discussant. American Educational Research Association Annual Meeting, Vancouver, BC, Canada.
- Adams, C. M., & Boswell, C. A. (2012, April). Effective programming for underserved gifted students: practical applications. Paper presented at Annual Conference of the Council for Exceptional Children, Denver, CO.
- **Adams, C. M**. (2012, April). Programming models and programming designs. Symposium presentation. Presented at Annual Conference of the Council for Exceptional Children, Denver, CO.
- Johnsen, S. K., **Adams, C. M.,** Ford, D. Y., & Roberts, J. L. (2012, April) Implementing the PreK to grade 12 gifted programming standards: What makes them work. Paper presented at Annual Conference of the Council for Exceptional Children, Denver, CO.

- Johnsen, S. K., **Adams, C. M.,** Boswell, C. A. (2012, April) Using the Response to intervention framework with learners with gifts and talents. Paper presented at Annual Conference of the Council for Exceptional Children, Denver, CO.
- **Adams, C. M.** (2011, November) *Creative science: An oxymoron or exciting innovation?*. Preconference Workshop presented at the 58th Annual Conference of the National Association of Gifted Children, New Orleans.
- **Adams, C. M.,** & Boswell, C. A. (2011, November). *Effective practices for twice-exceptional students*. Presented at the 58th Annual Conference of the National Association of Gifted Children, New Orleans.
- Gong, X, Cassady, J.C., **Adams, C.M**., Pierce, R. L. *The relationship between differentiated instruction and teacher control in gifted clustered classrooms*. Presented at the 58th Annual Conference of the National Association of Gifted Children, New Orleans
- Latz, A. O., Hurley, E. J., **Adams, C.M.**, & Pierce, R. L. (2011, November). *Myths at work: exploring teachers perceptions of the construct of a child who is gifted*. Presented at the 58th Annual Conference of the National Association of Gifted Children, New Orleans.
- Tipple, C. E., Cassady, J.C., Gong, X., **Adams, C.M.**, & Pierce, R. L. (2001, November). *Parental satisfaction with a gifted program*. Presented at the 58th Annual Conference of the National Association of Gifted Children, New Orleans.
- Adams, C. M. (2011. April). Research on Giftedness, Creativity, & Talent SIG roundtable I, Chair. American Educational Research Association Annual Meeting
- **Adams, C.M**. (2010, November). Exemplary Science Activities for Gifted Learners. Workshop presented at the STEM SIG Preconference Workshop: Invest in America's Future: Maximize The Challenge for Stem Students. Pre-conference workshop presented at the 57th Annual Conference of the National Association of Gifted Children, Atlanta.
- Latz, A. O., **Adams, C. M.**, & Ribiero, M. (2010, November). Baseline classroom observation results from Project CLUE-Plus: The state of differentiated instruction. Paper presented at the 57th Annual Conference of the National Association of Gifted Children, Atlanta.
- Cassady, J.C., Pierce, R.L., **Adams, C.M.**, & Ribiero, M. (2010, November). Mathematics achievement: Relations among teacher instruction, teacher knowledge, and student outcomes. Paper presented at the 57th Annual Conference of the National Association of Gifted Children, Atlanta.
- **Adams, C. M**. & Pierce, R.L. (2010, November). Jammies, coffee, and professional development. Paper presented at the 57th Annual Conference of the National Association of Gifted Children, Atlanta.

- **Adams, C.** M. (2010, November). Moderator for the panel, Unanswered questions in gifted education: A panel discussion with senior scholars at the 57th Annual Conference of the National Association of Gifted Children, Atlanta.
- Latz, A. O., & Adams, C. M. (2010, May). The twice oppressed and critical differentiation: Social class and giftedness. Presentation given at the 10th Biennial Wallace Research Symposium on Talent Development, Iowa City, IA.
- Latz, A. O., Miller, A. L., Jenkins, S. C., & Adams, C. M. (2010, May). Cluster grouping as experienced by a teacher-student pair: Social, affective, and motivational outcomes. Roundtable presentation given at the American Educational Research Association Annual Meeting, Denver, CO.
- Jameson, M. M., Pierce, R. L., & Adams, C. M. (2010, May). Problem solving in action: Using authentic assessment in elementary math classes. Roundtable presentation given at the American Educational Research Association Annual Meeting, Denver, CO.
- Adams, C. M. (2010, May). Chair, Roundtable Session on Gifted Education Research I, at the American Educational Research Association Annual Meeting, Denver, CO.
- Adams, C. M. (2010, April). Differentiation in the laboratory school setting. Paper presented at the National Association of Laboratory Schools National Conference, Muncie, IN.
- Sheffield, L., **Adams, C.M.**, Gavin, M. K., Chamberlin, S. (2009, November). *Science*, *technology, engineering, and mathematics*, *(STEM) Oh My!* Pre-conference workshop presented at the 56th Annual Conference of the National Association for Gifted Children, St. Louis, MO.
- Pierce, R. L., & Adams, C. M. (2009, November). *BIG M program for middle school students*. Paper presented at the 56th Annual Conference of the National Association for Gifted Children, St. Louis, MO.
- Latz, A. O., **Adams, C. M.,** & Pierce, R.L. (2009, November). *Building a successful peer coaching program to bolster differentiation practice: Lessons from Project CLUE*. Paper presented at the 56th Annual Conference of the National Association for Gifted Children, St. Louis, MO.
- **Adams, C. M.,** Pierce, R.L., Debbink, K.M., Hillman, T. L. (2009, November). *Project CEM2: Finding excellent math materials*. Paper presented at the 56th Annual Conference of the National Association for Gifted Children, St. Louis, MO.
- Pierce, R. L., & Adams, C. M., (2009, April). Rx from the differentiation doctors: Meeting the academic needs of mathematically promising students. Paper presented at the National

- Council of Teachers of mathematics 2009 Annual Meeting & Expositions, Washington, DC.
- **Adams, C.M.**, Southern, T., Coleman, L., Rizza, M. (2009, April). *The legacy of the Javits program: Evidence-based practice in gifted education.* Paper presented at the 2009 Council for Exceptional Children Convention & Expo, Seattle, WA.
- Adams, C.M., Coleman, M, R., Shah-Coltrane, S., Johnsen, S., Montgomery, D., Taradash, G., Rizza, M. (2009, April). *Evidence-based practice in gifted education*. Full-day preconference workshop, presented at the 2009 Council for Exceptional Children Convention & Expo, Seattle, WA.
- Sheffield, L., **Adams, C.M.**, Gavin, M. K., Chamberlin, S. (2008, November). *Promising students in STEM fields*. Pre-conference workshop presented at the 55th Annual Conference of the National Association for Gifted Children, Tampa, FL.
- **Adams, C. M.**, Pierce, R. L., Zimmerman, R. J., Cross, T. L., Moore, B. D. (2008, November). The good, the bad, and the ugly: Lessons learned from eleven years of Javits grants. Paper presented at the 55th Annual Conference of the National Association for Gifted Children, Tampa, FL.
- Bintz, W. P., Pierce, R.L., **Adams, C. M.**, & Moore, S.D. (2008, November). *How to lie with statistics: Linking math, science, & literacy.* Paper presented at the 55th Annual Conference of the National Association for Gifted Children, Tampa, FL.
- Pierce, R.L., Latz, A. O., & Adams, C. M. (2008, November). Calculate the possibilities: Bolstering the stem career awareness of gifted young women. Paper presented at the 55th Annual Conference of the National Association for Gifted Children, Tampa, FL.
- Pierce, R.L., Latz, A. O., & Adams, C. M. (2008, May). *Calculate the possibilities: A longitudinal study*. Paper presented at the 9th Biennial Wallace National Research Symposium on Talent Development, Iowa City, Iowa.
- Bintz, W. P., Pierce, R.L., **Adams, C. M.**, & Moore, S.D. (2008, April). *How to lie with statistics and other literature that show how to distort and abuse data*. Paper presented at the National Science Teachers Association Convention, Boston, MA.
- Pierce, R. L., Cassady, J. C., **Adams, C. M.,** Dixon, F. A., Speirs Neumeister, K.L., & Cross T.C. (2008, March). The effects of clustering and curriculum development in gifted learners' math ability. Paper presented at the Annual Convention of the American Educational Research Association, New York, NY.
- Pierce, R.L., Jameson, M.M., **Adams, C. M.,** & Sutherland, J. (2007, November). Problem solving in action. Paper presented at the 54th annual conference of the National Association for Gifted Children, Minneapolis, MN.

- **Adams, C. M.,** Pierce, R.L., Bintz, W. P., & Moore, S. D. (2007, November). Integrating science and literature: Where in the world are we and how did we get here? Paper presented at the 54th annual conference of the National Association for Gifted Children, Minneapolis, MN.
- Adams, C. M., Pierce, R.L., Bintz, W. P., & Moore, S. D. (2007, April). *Paper airplanes: The Synergism of design, science, literacy and math.* Paper presented at the National Science Teachers Association Convention, St. Louis, MO.
- Moore, S. D., **Adams, C. M.,** Pierce, R.L., & Bintz, W. P., & (2007, April). Where in the world are we? Science, longitude, and literature. Paper presented at the National Science Teachers Association Convention, St. Louis, MO.
- Pierce, R. L., Cassady, J. C., Adams, C. M., Dixon, F. D., Speirs Neumeister, K. L., & Cross, T. L. (2007, April). Cluster grouping and the academic achievement of gifted students. Paper presented at the Annual Convention of the American Educational Research Association, Chicago, IL.
- VanTassel-Baska, J., Feng, A., **Adams, C. M.**, Coleman, L., Olszewski-Kubilius, P. (2006, November), *The underside of gifted education*. Special session presented at the Annual Convention of the National Association for Gifted Children.
- **Adams, C. M.,** & Pierce, R. L. (2006, November), Differentiation Doctors: First aid for your classroom using tiered lessons. Paper presented at the 53rd Annual Convention of the National Association for Gifted Children.
- Pierce, R. L. & Adams, C. M. (2006, November), Flying paper airplanes across the Atlantic: Connecting math & science in England and the US. Paper presented at the 53rd Annual Convention of the National Association for Gifted Children.
- Purcell, J. & Adams, C. M. (2006, November), *Designing Services for High ability learners: Program goals*_Paper presented at the 53rd Annual Convention of the National Association for Gifted Children.
- Speirs Neumeister, K., Adams, C. M., & Pierce, R. L. (2006, November), *Teacher perceptions of giftedness in minority and economically disadvantaged students*. Paper presented at the 53rd Annual Convention of the National Association for Gifted Children.
- Pierce, R. L, Adams, C. M., Speirs Neumeister, K. L., Cassady, J.C., Dixon, F. A., & Cross, T. L. (2006, April). Development of an identification procedure for a large urban school district: Identifying culturally diverse and academically gifted elementary students.. Paper presented at the Annual Conference of the American Educational Research Association, San Francisco.
- Dixon, F. A., Cassady, J.C., **Adams, C. M.,** Pierce, R. L, Speirs Neumeister, K. L., & Cross, T. L. (2006, April). *Enhancing the quality if teaching gifted students in an urban setting: Project CLUE*. Paper presented at the Annual Conference of the American Educational Research Association, San Francisco.

- **Adams, C. M.** & Pierce, R. L. (2006, April). *Once we identify gifted and talented students, how do we sustain GT services over time?* Paper presented at the annual Javits Conference, Hartford, CT.
- Bintz, W., Moore, S. D., Adams, C.M., & Pierce, R. L. (April, 2006). Where in the world are we? Teaching the mathematics of longitude through literature. National Council of Teachers of Mathematics Annual Conference, St. Louis, MO.
- Wojnowski, D., Adams, C. M., Pierce, R. L., Bintz, W. P., & Moore, S. D. (2006, April) *Linking Science and Literacy to teach environmental science*. Paper presented at the National Science Teachers Association National Convention, Anaheim.
- **Adams, C. M.,** Pierce, R. L., & Speirs Neumeister, K. L. (2005, November). *Identifying gifted minority students in an urban setting.* Paper presented at the 52nd Annual Conference of the National Association for Gifted Children, Louisville, KY
- Pierce, R. L, & Adams, C. M., (2005, November). Super Scientists and Math Whizzes. Paper presented at the 52nd Annual Conference of the National Association for Gifted Children, Louisville, KY.
- Adams, C. M., Pierce, R. L., Bintz, W. P., & Moore, S. D. (2005, April) *Differentiating instruction in science through literature*. Paper presented at the National Science Teachers Association National Convention, Dallas.
- Pierce, R. L, Adams, C. M., Bintz, W. P., & Moore, S. D. (2005, April) *Elementary science tiered lessons: Step by step.* Paper presented at the National Science Teachers Association National Convention, Dallas.
- Bintz, W. P., Moore, S. D, Adams, C. M., & Pierce, R. L. (2005, April) Shooting rubber band cannons and reading literature to teach experimental design. Paper presented at the National Science Teachers Association National Convention, Dallas
- **Adams, C. M.** & Pierce, R. L. (2004, November). *Rocks in Our Heads! Rocks in Our Heads!* Paper presented at the 51st Annual Conference of the National Association for Gifted Children, Salt Lake City.
- Pierce, R. L, **Adams**, C. M., & Dixon, F. A. (2004, November). *Get a clue about gifted math and reading curriculum*. Paper presented at the 51st Annual Conference of the National Association for Gifted Children, Salt Lake City.
- Speirs Neumeister, K., Adams, C. M., Cassady, J. C., Cross, T. L., Dixon, F. A., & Pierce, R. L. (2004, November). *An overview of the differentiated classroom observation scale (DCOS)*. Paper presented at the 51st Annual Conference of the National Association for Gifted Children, Salt Lake City.
- Moore, S. D., Bintz, W. P., Pierce, R. L., & Adams, C. M., (2004, April). Supporting mathematics instruction with literature and science. Paper presented at the Annual Conference of the National Council of Teachers of Mathematics.

- Adams, C. M., & Pierce, R.L., (2004, April). Differentiating high school instruction through tiered lessons. Paper presented at the Annual National Science Teachers Association Conference, Atlanta.
- Dixon, F. A., Cassady, J. C., Speirs Neumeister, K. L., **Adams, C. M.**, Pierce, R. L. (2004, April). Enhancing the quality of urban education: Project CLUE. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Moore, S.D., Bintz, W. P., **Adams, C. M.**, & Pierce, R. L. (2004, April). *Supporting science instruction with literature and mathematics*. Paper presented at the Annual National Science Teachers Association Conference, Atlanta..
- **Adams, C. M.**, & Moore, B. D. (2003, November) *Identifying gifted minority students- What works at IPS*. Paper presented at the 50th Annual Conference of the National Association for Gifted Children, Indianapolis, IN
- Moore, B. D. & **Adams, C. M**. (2003, November) Cluster grouping-A multiple lens approach. Paper presented at the 50th Annual Conference of the National Association for Gifted Children, Indianapolis, IN
- Vaughn, V. L., **Adams, C. M**., Cross, T. L., Moon, S.M., Moore, B. D., (2003, November). Can't get Indiana off my mind-Universities and schools working together. Paper presented at the 50th Annual Conference of the National Association for Gifted Children, Indianapolis, IN.
- Adams, C. M., & Pierce, R. L. (2003, April). Attitudes of preservice and experienced teachers toward gifted learners. Paper presented at the Annual Conference of the American Educational Research Association, Chicago, IL.
- **Adams, C. M.**, & Pierce, R. L. (2002, October-November). *Attitudes of preservice and experienced teachers toward diverse learners*. Paper presented at the 49th Annual Conference of the National Association for Gifted Children, Denver, CO.
- Pierce, R. L. & **Adams, C. M.** (2002, October-November). *Nuts and Bolts of Cubing*. Paper presented at the 49th Annual Conference of the National Association for Gifted Children, Denver, CO.
- Adams, C. M., & Pierce, R. L. (2002, April). *Differentiating instruction in elementary science*. Paper presented at the Annual National Science Teachers Association Conference, San Diego.
- **Adams, C. M.**, Pierce, R. L., & Moore, S.D. (2001, November). *Differentiating instruction in mathematics and science in the high school*. Half-day workshop presented at the 48th Annual Convention of the National Association for Gifted Children, Cincinnati, OH.
- **Adams, C. M.** & Pierce, R. L. (2001, April). *Differentiating instruction in middle school science*. Paper presented at the National Science Teachers Association, St. Louis.

- Pierce, R. L. & Adams, C. M. (2001, April). *Tiered lessons in middle school mathematics*. Paper presented at the National Council of Teachers of Mathematics, Orlando, FL.
- **Adams, C. M.**, Pierce, R. L., & Moore, S.D. (2000 November). *Differentiating instruction in mathematics and science in the Middle School*. Half-day workshop presented at the 47th Annual Convention of the National Association for Gifted Children, Atlanta, GA
- **Adams, C. M.,** Cross, T.L., Butler, M., Crespi, A, Pierce, R. L., Shade, R., Williams, D. C. (2000, November). *Differentiating Instruction at the Middle Level: Project G.A.T.E.:* Paper presented at the 47th Annual Convention of the National Association for Gifted Children, Atlanta, GA.
- Dixon, F. D., **Adams, C. M.,** & Cross, T. L. (2000, August). *Psychological Development in Academically Gifted Adolescents*. Paper presented at the 108th Annual conference of the American Psychological Association. Washington, D.C..
- Adams, C. M., & Pierce, R. L. (2000, April). *Underrepresented voices in mathematics, science, and technology: Shared inquiry in an undergraduate seminar*. Paper presented at the annual conference of the American Educational Research Association, New Orleans.
- **Adams, C. M.**, Pierce, R. L., & Moore, S.D. (1999, November). *Differentiating instruction in mathematics and science, K-5*. Half-day workshop presented at the 46th Annual Convention of the National Association for Gifted Children, Albuquerque, NM.
- **Adams, C. M.,** Cross, T.L., Dixon, F. A., Pierce, R. L., Rizza, M. G., Shade, R., Williams, D. C. (1999, November). *Project G.A.T.E.: Opening the door for all.* Paper presented at the 46th Annual Convention of the National Association for Gifted Children, Albuquerque, NM.
- Pierce, R. L., & Adams, C. M., (1999). Underrepresented voices in mathematics, science, and technology. Paper presented at the National Council for Teachers of Mathematics. San Francisco, CA.
- **Adams, C. M.** (1998, November). *The virtual governor's school: parameters, possibilities and pitfalls.*Paper presented at the 45th Annual Convention of the National Association for Gifted Children, Louisville, KY.
- **Adams, C. M.,** Cross, T. L., Dixon, F. A., Rizza, M. G., Shade, R. A., (1998, November). *Using technology to enhance professional development*. Paper presented at the 45th Annual Convention of the National Association for Gifted Children, Louisville, KY.
- Rizza, M. G., & Adams, C. M. (1998, November). Scholars in Action: Pairing preservice teachers with gifted students. Paper presented at the 45th Annual Convention of the National Association for Gifted Children
- **Adams, C. M.** (1998, April). Facing the challenges: Inclusion and differentiating instruction. Paper presented at the 1998 Annual Conference of the American Educational Research Association. San Diego, CA.

- **Adams, C. M.** (1997, November). *Gifted girls in the middle: working to succeed.* Paper presented at the Forty-fourth Annual Conference of the National Association for Gifted Children. Little Rock, AR.
- Adams, C. M., Dixon, F. A., & Cross, T. L. (1997, November). Residential programs for gifted students: Are they successful? Paper presented at the Forty-fourth Annual Conference of the National Association for Gifted Children. Little Rock, AR.
- Dixon, F. A., Adams, C. M., & Cross, T. L. (1997, November). Future teachers: Spreading the word. Paper presented at the Forty-fourth Annual Conference of the National Association for Gifted Children. Little Rock, AR.
- Craig, M. J., **Adams, C. M.,** Rogers, H. H. (1997, November). *Attending to gifted women (and men)*. Paper presented at the Attending to Early Modern Women: Crossing Boundaries Symposium. University of Maryland, College Park, MD.
- **Adams, C. M.** (1996, November). *Identification of gifted students at the secondary level*. Paper presented at the Forty-third Annual Conference of the National Association for Gifted Children, Indianapolis, IN.
- Cross, T. L., **Adams, C. M,** Feldhusen, J., & others (1996, November). Gifted and talented education in Indiana: Past, present, and future. Presentation at the Forty-third Annual Conference of the National Association for Gifted Children, Indianapolis, IN.
- **Adams, C. M.** (1996, March). *Dealing with adolescent suicide*. Presented at the annual conference of NCSSSMST, Kalamazoo, MI.
- **Adams, C. M.** (1995, November). *Too few women in science? A response to Rossi*. Paper presented at the Forty-second Annual Conference of the National Association for Gifted Children, Tampa, FL.
- **Adams, C. M.** (1995, November). *Dealing with adolescent suicide: One school's response.* Paper presented at the Forty-second Annual Conference of the National Association for Gifted Children, Tampa, FL.
- **Adams, C. M.** (1995, September). *Gifted young women's intentions to pursue careers in science*. Paper presented at the Fifth Annual Esther Katz Rosen Symposium on the Psychological Development of Gifted Children, Lawrence, Kansas.
- **Adams, C. M.** (1995, March). *Course-taking behavior of gifted girls in math and science.* Paper presented at the annual conference of NCSSSMST, Lynchburg, VA.
- **Adams, C. M.**, & Cross, T.L. (1994, November). *Birth to toddlerhood: The maturation of the Indiana Academy*. Paper presented at the Forty-first Annual Conference of the National Association for Gifted Children, Salt Lake City, UT.
- Adams, C. M., & Moore, S.D. (1994, November). Integrating math and science. Paper presented at

- the Forty-first Annual Conference of the National Association for Gifted Children, Salt Lake City, UT.
- **Adams, C. M.** (1994, November). *Gifted girls' intentions to pursue careers in science*. Paper presented at the Forty-first Annual Conference of the National Association for Gifted Children, Salt Lake City, UT.
- Tomlinson, C.A., Tomchin, E. M., Adams, C. M., Cunningham, C. M., Moore, B. J., & Roberson, S.C. (1994, November). *Novice teachers learning to teach diverse learners*. Paper presented at the Forty-First Annual Conference of the National Association of Gifted Children, Salt Lake City, UT.
- Tomlinson, C. A., Adams, C. M., Tomchin, E. M., Cunningham, C. M., Lutz, L. J., Moore,
 B. J., & Roberson, S. C. (1993, November). Attitudes and practices of novice teachers regarding gifted learners. Paper presented at the Fortieth Annual Conference of the National Association for Gifted Children, Atlanta, GA.
- Udall, A. J., Passe, M., Callahan, C. M., Tomlinson, C. A., **Adams, C. M.**, Moore, S. D., Cunningham, C. M., Lelli, K. M., Lutz, L. J., & Evans, K. (1993, November). *Project START: A metropolitan school district focus on minority gifted learners*. Paper presented at the Fortieth Annual Conference of the National Association for Gifted Children, Atlanta, GA.
- Callahan, C. M., Gubbins, E. J., Ross, P. O., **Adams, C. M.**, & Siegle, D. (1993, November). Evaluating *Javits Grants Program: An overview*. Paper presented at the Fortieth Annual Conference of the National Association for Gifted Children, Atlanta, GA.
- Callahan, C. M., Adams, C. M., Cunningham, C. M., & Moore, S. D. (1993, November). *Non-traditional identification instruments with promise*. Paper presented at the Fortieth Annual Conference of the National Association for Gifted Children, Atlanta, GA.
- Adams, C. M., & Abeel, L. B. (1993, November). *The social and emotional needs of gifted girls*. Paper presented at the Fortieth Annual Conference of the National Association for Gifted Children, Atlanta, GA.
- **Adams, C. M.** (1993, November). *Science and creativity*. Paper presented at the Fortieth Annual Conference of the National Association for Gifted Children, Atlanta, GA.
- Callahan, C. M., Delcourt, M. A., Adams, C. M., & Moore, S. D. (1993, April). *Reliability of nontraditional identification instruments for identifying gifted students*. Paper presented at the American Educational Research Association, Atlanta, GA.
- Callahan, C. M., Adams, C. M., Bland, L. C., Moon, T. R., & Moore, S. D. (1993, April). Factors influencing the recruitment, enrollment, and retention of females and minority students in special schools of math, science, and technology. Paper presented at the American Educational Research Association, Atlanta, GA.

- **Adams, C. M.** & Tomlinson, C. A. (1993, January). *Pre-Service teacher preparation in meeting the needs of gifted students*. Paper presented at The National Research Center Invitational Conference on Research and Classroom Practices, Charlottesville, VA.
- Callahan, C. M., Adams, C. M., & Moore, S. D. (1993, January). *National repository of identification instruments and evaluation designs*. Paper presented at The National Research Center Invitational Conference on Research and Classroom Practices, Charlottesville, VA.
- Callahan, C. M., Adams, C. M., Bland, L. C., Moon, T. R., & Moore, S. D. (1992, November). Factors influencing the recruitment, enrollment, and retention of females and minority students in special schools of math, science, and technology. Paper presented at the Thirty-ninth Annual Conference of the National Association for Gifted Children, Los Angeles, CA.
- Callahan, C. M., Adams, C. M., Moore, S. D., & Pizzat, P. M. (1992, November). *The identification and evaluation of gifted students*. Paper presented at the Thirty-ninth Annual Conference of the National Association for Gifted Children, Los Angeles, CA.
- Callahan C. M., & Adams, C. M. (1992, November). Developing the potential of gifted females. Half-day workshop pre-conference session, The National Association for Gifted Children, Los Angeles, CA.
- **Adams, C. M.** (1992, October). *Motivating girls and minorities in math and science*. Paper presented at the National Governor's Schools Conference, Richmond, VA. (Panel Chairman)
- **Adams, C. M.** (1991, November). *Encouraging gifted girls in math and science*. Paper presented at the Thirty-eighth Annual Conference of the National Association for Gifted Children.

State and Regional Conferences

Shaunessy-Dedrick, E. & Adams, C. M. (2014, October). Differentiating instruction addressing the CCSS ELA and CCSS Math: A guide for teachers of the gifted. Paper presented at the 35th Annual Conference of the Florida Association of the Gifted, Tampa, FL.

- Weber, C. & Adams, C. M. (2014, October). Tear-free tiered assignments. Paper presented at the 35th Annual Conference of the Florida Association of the Gifted, Tampa, FL.
- Cotabish, A.E., & Adams, C.M. (2014, September). Using the Next Generation Science Standards with advanced and diverse learners. Fall Institute, Te Association for the Gifted, Bowling Green, KY.
- **Adams, C. M.,** (2013, October). How does gifted education work with the new common core state standards? Presented at the Illinois Association for the Gifted Regional Conference, Naperville, IL.
- **Adams, C. M.,** (2013, September). How does gifted education work with the new common core state standards? Presented at the Florida Association for the Gifted Regional Conference, Sarasota, FL.

- Adams, C. M., (2013, October). Differentiating with the Next Generation Science Standards. Presented at the Fall Institute in Gifted Education, Waco, TX.
- Adams, C. M., (2012, September). Differentiation in the Science.. Presented at the Fall Institute in Gifted Education, Waco, TX.
- Adams, C. M., (2012, January). *Creative science: An oxymoron or exciting innovation?* Presented at the Indiana Association for the Gifted Annual Conference, Indianapolis, IN.
- Adams, C. M., (2011, September). Keynote: *Surviving the differentiated classroom*. Presented at the Fall Institute in Gifted Education, Waco, TX.
- **Adams, C. M., &** Boswell, C. A. (2011, September). *Effective practices for twice-exceptional students*. Presented at the Fall Institute in Gifted Education, Waco, TX.
- **Adams, C. M.** (2011, September). A step-by-step approach for writing tiered lessons. Presented at the Fall Institute in Gifted Education, Waco, TX.
- **Adams, C. M.,** & Vaughn, V. L. (2009, December). The ABCs of designing programs, services, and a district plan for serving high ability learners K-12. Presented at the Indiana Association for the Gifted/Indiana Department of Education Annual Conference, Indianapolis, IN.
- **Adams, C. M.** (2009, September). Sammy Can't Be Gifted—His Daddy's in Jail: Teachers' Perceptions of Giftedness in Diverse Populations. Paper presented at the Diversity and Developing Gifts and Talents Institute, The Center for Gifted Studies and The Association for the Gifted, Western Kentucky University, Bowling Green.
- Adams, C. M., Pierce, R. L., Debbink, K, & Hillman, T. (2008, February). *Building mathematical talent from the ground up.* Presented at the Indiana Association for the Gifted/Indiana Department of Education Annual Conference, Indianapolis, IN.
- **Adams, C. M.,** (2008, February). *Beyond proficiency*. Presented at the Indiana Association for the Gifted/Indiana Department of Education Annual Conference, Indianapolis, IN.
- Pierce, R. L & Adams, C. M. (2007, November). *Differentiation doctors: First aid for your classroom*. Presented at the NCTM Regional Conference and Exposition, Houston, TX.
- **Adams, C. M.** (2007, October). Program design and assessment. Presentation at the New High Ability Coordinator Workshop, Indianapolis, IN.
- **Adams, C. M.** (2007, September). *I don't need to differentiate, I teach the gifted kids!* Presentation to the Southeastern Virginia Council of Gifted Administrators. Norfolk, VA.
- Pierce, R. L. & Adams, C. M. (2007, March). The synergism of design, math, literacy, and science for exceptional students Presented at the annual conference of the Indiana Association of the Gifted, Indianapolis.

- **Adams, C. M.,** Stuve, M., Seymour, R. (2007, February). Assessing Student Performance: tests and other methods. Panel Discussion presented at the Technology Enhanced Teaching in Distance Learning Conference, Ball State University, Muncie, IN.
- **Adams, C. M.** (2006, November). The Identification and Service options Flippy Charts. Presented at the Indiana Department of Education Division of Exceptional Learners Gifted/Talented and High Ability Services New Coordinator Workshop, Fishers, IN.
- **Adams, C. M.** & Pierce, R. L. (2006, October). *Differentiation doctors*. Presented at the 12th Annual Share-Indiana Conference on Parenting and teaching Gifted Students, Muncie, IN
- Pierce, R. L. & Adams, C. M. (2006, October). *Paper Airplanes*. Presented at the 12th Annual Share-Indiana Conference on Parenting and teaching Gifted Students, Muncie, IN
- **Adams, C. M.** (2006, October). *I don't need to differentiate-I teach the gifted kids.* Presented at the annual conference of the Ohio Association for Gifted Children, Columbus.
- **Adams, C. M**. (2006, October). *Math whizzes & super scientists*. Presented at the annual conference of the Ohio Association for Gifted Children, Columbus.
- Pierce, R. L. & Adams, C. M. (2006, March). *Math whizzes & super scientists*. Presented at the annual conference of the Indiana Association of the Gifted, Indianapolis.
- **Adams, C. M.,** & Pierce, R. L., (2006, March). Differentiation doctors: First aid for tired lessons. Presented at the annual conference of the Indiana Association of the Gifted, Indianapolis.
- **Adams, C. M.** & Pierce, R. L. (2005, October). *Creativity across the curriculum*. Presented at the 11th Annual Share-Indiana Conference on Parenting and teaching Gifted Students, Muncie, IN
- Pierce, R. L. & Adams, C. M. (2005, October). *Math whizzes & super scientists*. Presented at the 11th Annual Share-Indiana Conference on Parenting and teaching Gifted Students, Muncie, IN
- **Adams, C. M.** & Pierce, R. L. (2005, February). *Selecting instruments to identify high ability students*. Presented at the annual conference of the Indiana Association of the Gifted, Indianapolis.
- **Adams, C. M.** (2005, February). *Standards for gifted programs*. Presented at the annual conference of the Indiana Association of the Gifted, Indianapolis.
- **Adams, C. M.** (2004, February). *The truth about testing*. Presented at the annual conference of the Indiana Association of the Gifted, Indianapolis.
- **Adams, C. M.** & Tryon, M. (2004, February). *Identification of gifted students: Using the Flippy Chart.* Presented at the annual conference of the Indiana Association of the Gifted, Indianapolis.
- **Adams, C. M.** (2002, February). *The truth about testing: Unlocking the mysteries*. Presented at the 19th annual conference of the Indiana Association of the Gifted, Indianapolis.

- **Adams, C. M**. & Pierce, R. L. (2002, February). *The parallel curriculum*. Presented at the 19th annual conference of the Indiana Association of the Gifted, Indianapolis.
- Pierce, R. L. & Adams, C. M. (2002, February). *The nuts and bolts of cubing*. Presented at the 19th annual conference of the Indiana Association of the Gifted, Indianapolis.
- Pierce, R. L., & Adams, C. M. (2001, November). Half-day workshop presented at the South Carolina Council of Teachers of Mathematics Conference, Greenville, SC.
- Pierce, R. L. & Adams, C. M. (2001, September). Differentiating instruction in middle school mathematics through tiered lessons. Paper presented at the National Council of Teachers of Mathematics Central Regional Conference, Columbus, OH.
- **Adams, C. M.** & Pierce, R. L. (2001, March). *Tiered Lessons Step-by-Step*. Presented at the 18th annual conference of the Indiana Association for the Gifted, Indianapolis
- Pierce, R.L. & Adams, C. M. (2001, March). *Mathematics & Science Activities for Girls*. Presented at the 18th annual conference of the Indiana Association for the Gifted, Indianapolis
- **Adams, C. M.**, Pierce, R. L., & Dixon, F. A. (2000, March) *Tiered Lessons at the IDOE*. Presented at the 17th annual conference of the Indiana Association for the Gifted, Indianapolis.
- Pierce, R. L. & Adams, C. M., (1999, December). *Underrepresented voices in science, mathematics, and technology*. Paper presented at the Western Regional Conference, National Council of Teachers of Mathematics, Phoenix, AZ.
- **Adams, C. M.,** & Pierce, R. L. (1999, September). *Gifted girls: Nurturing high potential*. Paper presented at the Fifth Annual Share-Indiana Conference, Muncie, IN.
- **Adams, C. M.,** & Pierce, R. L. (1999, April). *Mathematics and science activities for girls*. Paper presented at the 16th Annual Conference, Indiana Association for the Gifted, Indianapolis, IN.
- **Adams, C. M.,** Cross, T. L., Dixon, F. A., Rizza, M. G., Pierce, R. L., & Williams, D. (1999, April). *Differentiating instruction: Meeting the needs of all students.* Paper presented at the 16th Annual Conference, Indiana Association for the Gifted, Indianapolis, IN.
- **Adams, C. M.,** Cross, T. L., Dixon, F. A., Rizza, M. G., Pierce, R. L., & Williams, D. (1999, April). *Comprehensive services for gifted education and the Indiana Javits project.* Paper presented at the 16th Annual Conference, Indiana Association for the Gifted, Indianapolis, IN.
- Pierce, R. L., Adams, C. M., Rice, P. (1999, March). Diverse Role Models for Young Females: Impacting Elementary Schools. Presentation for Ball State University Women's Week, Muncie, IN.
- Adams, C. M. (1998, October). Buildings and blueprints. Presentation for Mathematics Day 1998, Muncie, IN.

- **Adams, C. M.** (1998, October), *Nurturing gifts and talents in young children*. Paper presented at the 23rd Annual Early Childhood Conference, Muncie, Indiana.
- Adams, C. M., Pierce, R. L., & Worthen, S. (1998, March). Girls in the middle: Working to succeed.
- Adams, C. M. (1998, February). You got your G/T endorsement how?? Paper presented at the Thirty-sixth Annual California Association for the Gifted Conference. Anaheim, CA.
- **Adams, C. M.** (1997, November). *The realities of virtual schooling: Parameters, possibilities, and pitfalls.* Paper presented at the Seventh Virginia Conference on Gifted Education, Williamsburg, VA.
- **Adams, C. M.** (1996, April). Issues of Gifted Girls. Presentation to parents attending the First Annual Share-IN Conference, sponsored by the Ball State University Center for Gifted Studies and Talent Development.
- Adams, C. M. (1995, November). Director of Outreach Workshop, Helping Teachers Teach and Students Learn. Indiana Academy
- **Adams, C. M.** (1995, April). Young women, leaders of tomorrow. Keynote speech given at the Region 8 Education Service Center's Young Women's Leadership Conference.
- **Adams, C. M.** (1995, April). Women's roles in the 21st century. Presentation at the Region 8 Education Service Center's Young Women's Leadership Conference.
- **Adams, C. M.** (1995, March). Gifted girls and science. Featured speaker at the full-day workshop presented at the Teaching Gifted Girls Conference, Division of Outreach, Indiana Academy.
- **Adams, C. M.** (1995, February). Assessment: What it is and how to do it. Full-day workshop presented at the Nine Ways to Keep Your Year Interesting Workshop, Division of Outreach, Indiana Academy.
- **Adams, C. M.** (1994, November). *Investigating gender issues in the classroom*. Paper presented at the First Annual Research Seminar of the Center for Gifted Studies and Talent development in cooperation with the Indiana Association for the Gifted, Muncie, IN.
- Adams, C. M., & Moore, S. D. (1994, February). Differentiating the curriculum for gifted students in the regular classroom. Paper presented at the Virginia Council for Exceptional Children, Roanoke, VA.
- **Adams, C. M.**, & Abeel, L. B. (1993, November). *The social and emotional needs of gifted girls*. Paper presented at the Virginia Association for the Education of the Gifted conference, Tysons Corner, VA.

- Adams, C. M., Delcourt, M. A., McIntire, J. A., Moore, S. D., & Pizzat, P. M. (1992, November). Findings from the National Research Center on the Gifted and Talented. Paper presented at the Northern Virginia Council on Gifted Children conference, Manassas, VA.
- **Adams, C. M.** (July, 1992). *Gifted females*. Paper presented at the Symposium for Special Populations of Gifted Students, The College of William and Mary, Williamsburg, VA.
- **Adams, C. M.** (1992, April 27). "Nothing You Become Will Disappoint Us." Congratulatory remarks delivered to the top-scoring students on the Johns Hopkins University Center for talented Youths, Regional Winners, Charlottesville, VA.
- Adams, C. M. (1992, April). *Parenting Gifted Girls*. Conference for Gifted Girls and Their Parents, Old Donation Gifted Magnet Center, Virginia Beach, VA.
- Callahan, C. M., & Adams, C. M. (1991, November). *Gifted women*. Paper presented at the Virginia Association for the Education of the Gifted conference, Norfolk, VA.
- **Adams, C. M.** (1991, November). *Gifted girls in science and math.* Paper presented at the Virginia Association for the Education of the Gifted conference, Norfolk, VA.
- **Adams, C. M.** (1990, March). *The social and emotional needs of gifted learners*. Paper presented to the Parents and Teachers of the Gifted, Norton, VA.

Selected Presentations and Workshops for Local District and Out of State Districts

"Differentiated Instruction" videoconference presentation to the Chancellor's Academy at the University of Illinois at Urbana-Champaign, August 8, 2007.

"Developing an Identification Plan" Indianapolis Public Schools, 2002.

- "Differentiated Instruction" Shamrock Springs Elementary, Blue River Elementary, Union County College Corner School Corporation, Western School Corporation, Taylor Community Schools, Noblesville Schools, Indianapolis Public Schools, Monroe Michigan Schools, Burris Lab School, Hamilton Southeastern Schools, 2001-2002 AY
- "Differentiating Instruction," Keynote and 2 sessions, Indiana University-Kokomo, Pi Lambda Theta Conference, October, 2000
- "Differentiating Instruction," Five-day workshop for Monroe 2-Orleans Board of Cooperative Educational Services, Spencerport, NY, April, 2000.
- "Using Tiered Instruction to Differentiate the Curriculum," Two-day Workshop for Wabash Valley Education

Services Center. October & November, 1999.

"Training for SAGES," Workshop for Fort Wayne Schools, June & July 1999.

- "Gifted Education at Ball State," presentation to the Sunrise Rotary, June 1999.
- "Parenting Gifted Children," parent workshop for Noblesville School Corporation, March 10, 1999.
- "Strategies for Differentiating Instruction at the Middle School and High School Levels," two workshops presented to the Lafayette School Corporation, February 10, and March 11, 1999; Anderson Schools, 2000.
- "Differentiating Instruction: Strategies for Elementary Teachers," three workshops for Elwood Community Schools, January and February, 1999.
- "Differentiating Instruction at Minnetrista," Four workshops for Minnetrista Cultural Center and Oakhurst Gardens, September and October, 1998.
- "Differentiating Instruction: Creating Multiple Pathways to Learning," three workshops for Sunman-Dearborn Schools, September, October, 1998.
- "Differentiating the Curriculum," professional development workshop for Burris Laboratory School, Muncie, IN, October 1998.
- "Training for SAGES," Workshop for Fort Wayne Schools, May 1998.
- "Identification of Gifted Students," Workshop for Educational Service Center 9, January 1998.
- "Identification of Gifted Students," Presentation to Educational Service Center 4 Fall Conference.
- "Differentiating Curriculum for Gifted Learners" Presentation to Forest Dale School, Carmel-Clay Schools. October, 1997
- "Teaching Science to Gifted Students" Presentation/In-service Training for Indianapolis Public School teachers, June 1996.
- "Creativity" Presentation/In-service Training for Indianapolis Public School teachers, June 1996.
- "Basic Elements of Gifted Programming." Guest speaker for Elwood Community School Corporation workshop, February, 1996.
- "Something's Wrong Here and It's Not Me: The Dilemma of Young Women in the Classroom." Guest speaker, Muncie Branch, American Association of University Women, November, 1995.
- "Intellectual Giftedness: Implications for Gifted Students." Guest speaker, Senior Colloquium Convocation, Indiana Academy, Muncie, IN, February, 1995.
- "Gender Issues in Education; "Guest speaker for American Studies classes at Albemarle High School, Charlottesville, VA, May 1994

"Gender Issues in Math and Science Classrooms;" Keynote speech for the Jefferson Council of Teachers of Mathematics, Charlottesville, VA, April, 1994

"Gender Issues in the Classroom" (with Jonathan Plucker); Workshop for Albemarle County Public Schools, Focus Group on Gender Issues, November, 1994

"Differentiating Instruction for Gifted Learners;" Professional Development Day, Augusta County Schools, Staunton City Schools, and Waynesboro Public Schools, Staunton VA, August 31, 1993

"Gender Equity;" Valuing Diversity Conference, Albemarle County Public Schools, Charlottesville, VA, August 18, 1993

"Special Needs of Gifted Females;" Northern Virginia Master's Degree Program in Gifted Education, July 1993

Presenter, Summer Institute on Effective Teaching of Underserved Gifted Students, Project START, Charlotte-Mecklenburg School System, Charlotte, NC, June 1993

"Teaching Science to Gifted Learners;" Stone Robinson Elementary School, Albemarle County Schools, May 1993

"Counseling Needs of Gifted Learners;" Lee County, VA, May 1993

"Gender Issues In and Out of the Classroom," Gender Equity Forum, sponsored by Albemarle County Schools, League of Women Voters, and the American Association of University Women, May 1993

"Test Construction;" Charlottesville City Schools In-Service Conference, Charlottesville, VA, February 22, 1993

"Thinking Skills in Science;" Johnson Elementary School, Charlottesville, VA, February, 1993.

"Differentiating Curriculum for Gifted Middle School Students in Regular Classrooms;" Allegheny Highlands Public Schools; Clifton Forge, VA, January, 1993.

"Ability Grouping, Pull-out Programs, and In-Class Service: Pros and Cons;" Advisory Council, Allegheny Highlands Public Schools, Clifton Forge, VA, January 1993.

"Differentiating Curriculum for the Gifted Learners;" South Hampton Academy, Franklin, VA, December, 1992.

"Differentiating Curriculum for Gifted Learners in Regular Classrooms;" The Collegiate Schools, Lower School, Richmond, VA, November 30, 1992.

"Teaching Area and Perimeter Using Math Manipulatives;" St. Anne's-Belfield School, Lower Campus, Charlottesville, VA, January, 1992.

"How to Interpret Standardized Test Scores;" Sullins Academy Board of Directors, Sullins Academy, Bristol, VA, April 1991.

"Left-Brain, Right-Brain, Myers-Briggs, and You;" Sullins Academy, Bristol, VA, January, 1990.

"Math Curriculum Across the Grades;" Sullins Academy, Bristol, VA, January, 1991.

"Managing Hands-On Science Programs;" St. Ann's Catholic School, Bristol, VA, November, 1990.

"Developing Activities for Hands-On Science;" St. Ann's Catholic School, Bristol, VA, November 1990.

"Assertive Discipline;" Sullins Academy, Bristol, VA, September, 1990.

"Your Teaching and Learning Style;" Sullins Academy, Bristol, VA, September, 1990.

CONSULTING

Indiana Department of Education, Fall 2008 Coordinator Conferences (4), guest speaker

Canterbury School, Ft. Wayne, consultant, 2007-2012

Western Wayne Community Schools, consultant, 2008

Seymour Community Schools, 2008

Sidener Learning Academy, IPS, Advisory Board, 2007-2012

North Judson-San Pierre Community Schools, Identification plan consultant 2008

Alexandria Community School, Broad-based Planning Committee & consultant -2008-2010

Indianapolis Public Schools, consultant, 2000-2012t

Elkhart Community Schools, evaluator 2006-2010

Centerville-Abington Community Schools, April 2004-2005, Program evaluation.

Marion Community Schools, Curriculum audit, April/May 2004

Rising Sun-Ohio County Schools, April 2004 Identification Evaluation and Curriculum audit

Center Grove, April 2003, Curriculum audit

Mississippi University for Women, Evaluator, CHAMPS, CHAMPSII, Roger F. Wicker Center for Creative

Learning 2002-2004

Connecticut State Department Of education, curriculum writer, Project CONNcept

Indianapolis Public Schools, Indianapolis, IN. Identification and programming, 1996-2010

Hamilton Southeastern School Corporation, Fishers, IN. 2002-2003

Union County-College Corner Joint School District, Liberty, IN. Identification and programming. 2001-2002

Gary Community Schools, Gary, Indiana. Evaluation of summer workshop program. Summer 2001.

Southwest Allen Community Schools, Fort Wayne, IN, with Tracy Cross. To assist with revising identification

and programming. 2000-2001 AY

Western School Corporation, Russiaville, IN, To assist with developing identification plan and programming for gifted students. 2000-2002.

Charles A. Beard Memorial School Corporation, Knightstown, IN. Staff Development- differentiating instruction.

Blue River Community Schools, Blue River, IN. Needs Assessment, differentiated instruction

- Southwest Virginia Public Education Consortium, Abingdon, VA: Study leader to establish new Governor's School in Southwest Virginia. Made monthly visits to Virginia to meet with Steering Team and Task Forces during the 1996-97 school year. Facilitated discussions, wrote final report, provided resources to Task Forces as necessary. 1996-1998.
- A. Linwood Holton Governor's School, Abingdon, VA: Curriculum development director to develop interdisciplinary, problem-based, differentiated, technology-enhanced curriculum for new governor's school. Direct a team of six content area writers and a technical advisor for the 1997-98 school year.

Elkhart Community Schools, Elkhart, IN: One-day site visit to meet with students at both middle schools to discuss young women in science and math, and presentation to EAGER (parent group) concerning appropriate programming for gifted students. (May, 1995)

University of Illinois at Urbana-Champaign: Two-day on-site evaluations of Colonel Wolfe School and University Primary School; met with students, teachers, and parent focus group; examined the extent to which the schools addressed the needs of gifted learners, used multiple criteria for identification and screening, had equitable identification and screening practices, and provided a differentiated curriculum to meet the needs of gifted students, K-2. (January, 1994)

Virginia Science Museum, Scientist-By-Mail Program: Assigned to two groups of students who are sent science investigations to explore through this program; Serve as a mentor to facilitate the students' understanding of the investigations, encourage them to find solutions, and correspond on a regular basis to provide guidance and support (1993-1994 school year)

Charlotte-Mecklenburg Public Schools; Member, Project START Curriculum Team: Developed science portion of the curriculum for Project START and assessment portion of the teacher handbook. The curriculum is based on Gardner's Theory of Multiple Intelligences and the North Carolina Curriculum Standards for grades K-2. Presented two workshops to teachers demonstrating how to use the lessons with actual students. Presented one workshop to teachers explaining the theoretical underpinnings of the framework used to write the curriculum. (1992-1994)

The University of Virginia, Commonwealth Center; Issues of gender, racial, and cultural bias in teacher education textbooks. Contacted all colleges and universities in VA and requested syllabi for all teacher education courses; assisted in instrument development; assisted in data collection and content analysis of over 100 texts; analyzed all data collected. (1992-1993)

Sullins Academy, Bristol Virginia: Developed an integrated curriculum (math, science, literature, art) for use in the summer enrichment program, EUREKA-Sullinsummer!. (June 1988)

Bristol, VA City Schools: Developed science curriculum for Camp Express, a summer program for gifted students. Curriculum was based on the David McCauley books *Pyramid, Unbuilding,* and *Castle.* (June 1986)

OTHER SCHOLARLY AND PROFESSIONAL ACTIVITIES

Curriculum review:

University of Virginia Javits Grant Science Curriculum

Book Manuscript Review:

Illuminating Lives: 100 Years of Gifted Education, Routledge

Differentiation and Science, NSTA

Developing Math Talent, Prufrock and NAGC

Identification, Characteristics, & Needs of Gifted Students: Callahan & Davis

Special Program Area (Gifted & Talented) Reviewer for National Council for the Accreditation of Teacher Education (NCATE), Lead Reviewer Spring 2007, Fall 2008, Spring 2009, Fall 2010, Spring 2011, Spring 2012; Auditor, Spring 2010, Fall 2010, Spring 2011, Fall 2011, Spring 2012, Spring 2013, Fall 2013.

Grant Proposal Evaluator:

Office of Educational Research and Improvement, U. S. Department of Education, Javits Grants Proposals, 1993

Conference Proposal Evaluator:

National Council on Measurement in Education, 1995, 1996, 1997, 1998

American Educational Research Association, SIG, Research on Giftedness and Talent, 1995, 1996, 1997, 2005, 2006, 2007, 2008, 2009, 2010

American Educational Research Association, Division D (Research and Measurement Methodology); Division K (Teaching and Teacher Education), 1992

Division 5, (Psychological Measurement) American Psychological Association, 1997

NAGC Research & Evaluation Division, 1998, 2000, 2001, 2002, 2006, 2007, 2008, 2009, 2010, 2012

NAGC Math/Science Task Force, 2008, 2009, 2010, 2011, 2012 CEC-TAG 2008, 2009, 2010, 2011, 2012

Standards Evaluator:

National Science Education Standards, 1995

American Association for the Advancement of Science, Project 2061, *Benchmarks for Science Literacy*, (Curriculum Standards for Science, K-12), 1993

Reviewer: The Teacher Educator, The Journal of Secondary Gifted Education, Educational Measurement: Issues and Practice., Gifted Child Quarterly, Roeper Review, Journal for the Education of the Gifted, Journal of Advanced Academics, Learning and Learning Differences

Editorial Review Board: _Journal of Secondary Gifted Education, Gifted Child Quarterly, The Teacher Educator, Journal for the Education of the Gifted, Journal of Advanced Academics

Contributing Editor: Roeper Review

Boards

Florida Association for the Gifted (FLAG) Board, Region III representative, 2013-2014

Advisory Board, Northwestern University Midwest Academic Talent Search (NUMATS), 2009-2012 Indiana representative for the Midwestern Talent Search 2009-2012 Speaker, NUMATS Award Banquet, Indiana Academy, May, 2009, 2011, 2012

Board Member, National Association for Gifted Children, 1998-2001

Board Member, The Association for the Gifted, Council for Exceptional Children,

Past President 2013-current

President 2011-2013

Vice President, 2008-2010

Secretary, 2004-2008,

Knowledge & Skills Work Group, CEC, 2008-current

Interdivisional Research Group, 2008-current

NAGC/CEC Joint Committee on Advanced Standards – 2009-current

Board Member, National Consortium for Specialized Secondary Schools of Mathematics, Science, and Technology (1995-1996)

Coordinator of Research (1995-1996)

DePauw Professional Conference Team Member (February, 1996)

Board Member, Indiana Association for the Gifted, 1999-2012

Treasurer 2008-2012

Share-IN Chair – 2006-2012

Assistant Treasurer – 2006-2007

President, 2003-2005

First Vice President, 2001-2003

Second Vice President, 2000-2001

University Network Coordinator, 1999-2006

Task Force on the Future of Gifted Education, 1994-96

Chair, Program Committee for annual conference, 1999-2003.

Executive Committee, Assistant Program Chair, SIG for Research on Giftedness, AERA, 2005-2006, Program Chair, SIG for Research on Giftedness, AERA, 2006-2007, Secretary 2008-2010

Eastern Indiana Chapter, Phi Beta Kappa Secretary, 1998-2000

Indiana State Department of Education
Think Tank on Gifted Education
Integrated Services Team, 1994-2007

Grant Writing:

Chinese Language Assistance Program Proposal with Dr. Min Zhang and others - \$69,000

Gender Equity - AAUW - \$5,000 (not funded)

George and Frances Ball - WGS - \$5000 (funded)

Carnegie Foundation - Center, \$50,000 (not funded)

American Honda Foundation - Center, \$50,000 (not funded)

Community Foundation of Muncie and Delaware County, \$2000(funded) with Pierce, and S. Worthen

Community Foundation of Muncie and Delaware County, \$2500(funded) with Pierce, and S. Worthen

Jacob K. Javits Gifted and Talented Program Grant - \$2,800,000 (funded) 2008-2013 - Co-PI Project Director, CLUE-Plus

Differentiated Instruction in math in cluster settings in Indiana schools with high level of minority students, low SES; direct services to students through cluster grouping; professional development for teachers;

Jacob K. Javits Gifted and Talented Program Grant - \$2,500,000 (funded) 2003-2008 - Co-PI & Project Director- CLUE

Differentiated Instruction in math and science in a large urban setting, high level of minority students, low SES; direct services to students through cluster grouping; professional development for teachers; summer program for students

Jacob K. Javits Gifted and Talented Program Grant - \$864,000 (funded) 1998-2003- Co-PI & Project Director-Project GATE

Differentiated Instruction in math and science in a large urban setting, high level of minority students, low SES.

Esther Katz Rosen, \$25,000 (funded) - 1998-2000- Project Director with Cross and Dixon Research on the psychological, social, and emotional needs of gifted students in a residential setting

Project Connect, USDE, \$1,284,314

Project Director & Co-PI, sent 11/1/07

Indiana Department of Education, 2006-8, Project CEM2, \$22,000

Indiana Department of Education, 2010, Scholarships for High Ability License \$88,000

Indiana Department of Education, 2009, Scholarships for High Ability License \$75,000

Indiana Department of Education, 2008, Scholarships for High Ability License \$50,000

Indiana Department of Education, 2007, Scholarships for High Ability License \$50,000

Indiana Department of Education, 2004, Program Standards for Gifted Education, \$4700

Indiana Department of Education, 2004, Action Research, \$34,988

Indiana Department of Education, 2003, Identification of Students in Indiana, \$2700

Indiana Department of Education, 2005, Scholarships for the License in Gifted Education, \$50,000

Indiana Department of Education, 2004, Scholarships for the License in Gifted Education, \$32,800

Indiana Department of Education, 2003, Identification of Students in Indiana, \$4000

Partnership to Meet the Academic, Social, and Emotional Needs of Gifted Children, IDOE \$42,000 (funded) with Cross and Gridley 1996-98

Partnership to Meet the Academic, Social, and Emotional Needs of Gifted Children, IDOE \$49,526 (funded) with Cross and Gridley 1997-98

Provided monies for assessment of students, conference on gifted education, summer & Saturday enrichment programs, and revision of gifted education courses

Ball State University Institute for the Gifted in Mathematics (BIG M), \$2500

Develop curriculum for the BIG M program, a residential summer program for 5th & 6th grade students gifted in mathematics, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 10, 11

European Teacher Education Network Grant, a Ball State grant to participate as a visiting scholar at University College in Worcester and at University of Northumbria in New Castle. Fall 2001. Joint award of \$1500 with Rebecca Pierce

Indiana Department of Education, Shared Information Services, with Rose Myers, \$120,000, 2000

Indiana Department of Education, Shared Information Services, with Rose Myers, \$120,000, 2001

Indiana Department of Education, Shared Information Services, with Becky Zimmerman, \$85,000, 2002

Indiana Department of Education, Shared Information Services, with Kim Petty, \$85,000, 2003

Indiana Department of Education, Shared Information Services, with Kim Petty, \$88,000, 2004

Indiana Department of Education, Shared Information Service, \$12,000, Co-PI Provides clerical support for Shared Information Services

Indiana Department of Education, Shared Information Services, with Kim Petty, \$88,900, 2005

Indiana Department of Education, Shared Information Services, with Kim Petty, \$94,458, 2006

Indiana Department of Education, Shared Information Services, with Kim Petty, \$133,588 2007

Indiana Department of Education, Shared Information Services, with Kim Petty, \$70,637 2008

Provides a lending library of materials dealing with gifted education available to residents of the state, free of change, housed at Ball State

Phi Delta Kappa, Ball State Chapter, 2001-2002, \$500

Funded workshops in differentiated instruction for preservice teachers; provided books and materials for the participants

Ball State Service

Teaching Evaluation Committee – University Council Appointee –2004-2012 Chair, 2008-2011

University Research Committee 2010-2012

Advisory Committee to Academic and Institutional Research Office – University Senate Appointee – 2007-2009

Legacy 21 Project, Year II (1994-95):

Presented eight television broadcasts through Ball State University and the Center for Gifted Studies and Talent Development. Dr. Vicki Vaughn and Dr. Tracy Cross also participated. The eight programs were as follows:

Conceptualization of Giftedness

Identification of the Gifted

Special Populations of the Gifted

Creativity and the Gifted

Social and Emotional Needs of the Gifted

Parenting Issues: Nurturing Giftedness

Gifted Education: Curriculum Modification and Programming Options

Programming Options and Teachers of the Gifted

Legacy 21 Project, Year III (1995-96):

Nature and Needs of Gifted Children

Educational Assessment: Helping Teachers Teach and Students Learn

Identifying Gifted Children

Social/Emotional Needs of Gifted Children

Legacy 21 Project Year IV (1996-97):

Coordinated gifted education presentations Nature and Needs of Gifted Children

Women and Gender Studies Program, Ball State University

Co-Chair, Funding Committee (1994-1996)

Funding Committee (1996-97)

Women's Week Planning Committee (1995, 1996, 1997)

Curriculum Committee (1994-96)

Governance Board (1996-1999)

Sigma Kappa Sorority, Gamma Eta Chapter at Ball State

Advisor to the Vice President 1994

Advisor to the Vice President for Scholarship 1994-2010

Faculty Advisor, 1997-2010

Phi Society (Phi Beta Kappa at Ball State)

Reader to select Phi Society Scholar (1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003)

Selection committee for membership (1996, 1998, 1999)

Secretary 1996-1997

President 1997-99

Task Force on Inclusion 1997-98

BECAUSE Committee (BECcoming A Unified System of Education) - 1999

Mathematics Day, lunch roundtable facilitator, 1999-2009

Continuing Education

Learned Optimism, 1998

Leadership and Supervisory Skills for Women, January, 1996

Interpersonal Skills 1996

Depression and Suicide in Children and Adolescents, October, 1995

How to Manage Conflict and Maintain Emotional Control, April, 1995

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Phi Delta Kappa

National Association for Gifted Children

Task Force on Secondary Education 1994-1996, 2000

Task Force on STEM Education 2007-2010

Professional Standards Committee 2010-current,

Chair, Sept 2013-current

Special Populations Division

Research and Evaluation Division,

Chair, 2008-2010

Past Chair – 2010-current

Policy Committee Chair -2010-current

Graduate Student Grant Committee, 1994-2005

Membership Chair – 1996-2001

Co-Editor, Research Briefs, 1998-2004

Special Schools and Programs Division

Board Member 1998-2001

National Science Teachers Association

American Educational Research Association

Gifted and Talented Special Interest Group

Assistant program Chair, 2005-2006

Program Chair, 2006-2007

Secretary, 2008-2010

Division D (Research and Measurement Methodology)

Division K (Teaching and Teacher Education)

National Council of Measurement and Evaluation 1992-2000

Association for Women in Science -1988-2004

National Council of Teachers of Mathematics

Indiana Association for the Gifted

1stVice President 2000-2001

2ndtVice President 2001-2003

President- 2003-2005

Past president 2005-2007

Treasurer, 2008-current

Executive Board

Scholarship Review Committee - 2007

American Psychological Association

Educational Psychology Division (15)

American Association of University Women

1994-2007

Muncie Branch, Vice President for Programming

Co-chair, Study Group on the Education of Women and Girls

National Association of Secondary School Principals 1994-97

Indiana Association of Principals 1994-97

Association for Precollege Talent

Association for Supervision and Curriculum Development, 1994-current

National Consortium for Specialized Secondary Schools of Mathematics, Science, and Technology

Board Member, 1995 -1996

Association for Psychological Type 1996-99