

Curriculum Vitae

Alicia Cotabish, Ed.D.
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EDUCATION:

- 2016 | Graduate Certificate | **Harvard University Extension School**
Non-profit Management;
Content Emphasis: Higher Education
- 2007 | Doctor of Education | **University of Arkansas at Little Rock**
Education Administration & Supervision
- 2003 | Master of Education | **University of Arkansas at Little Rock**
Gifted and Talented Education
Content Emphasis: Science / Physical Science
- 1996 | Bachelor of Science | **Texas A&M-Texarkana**
Interdisciplinary Studies - Education
Content/Co-emphasis: Biological Science and English
- 1994 | Associate of Science | **Texarkana Community College**
Biology
- 1994 | Associate of Arts | **Texarkana Community College**
English

Digital Credential(s): Auburn University's AI Explorer (2025)

UNIVERSITY ACADEMIC APPOINTMENTS:

University of Central Arkansas

- 2022–Present | **Ph.D. Program Director**, Change Leadership PhD Program, University of Central Arkansas
<https://uca.edu/phdleadership/>
- 2012–Present | **Full Professor / Associate Professor / Assistant Professor of Teaching & Learning** (tenured/promoted to Associate Professor 05/2016; Promotion to Full Professor 05/2022), University of Central Arkansas.
Faculty Profile: Faculty Profile: <https://uca.edu/teaching/facultystaff/alicia-cotabish/>

University of Arkansas at Little Rock

- 2010–2012 | **Associate Director**, Jodie Mahony Center for Gifted Education and Advanced Placement Professional Development Center, University of Arkansas at Little Rock
- 2009–2010 | **Acting Executive Director**, Jodie Mahony Center for Gifted Education and Advanced Placement Professional Development Center, University of Arkansas at Little Rock
- 2008–2012 | **Director / Co-PI**, STEM Starters, Javits USDOE grant-funded project, University of Arkansas at Little Rock
- 2005–2012 | **Program Coordinator**, GATE-TAVP (Graduate Certificate in Teaching Advanced Placement), University of Arkansas at Little Rock
- 2004–2007 | **Project Coordinator / Co-PI**, Arkansas Evaluation Initiative in Gifted Education (AEI), Javits USDOE grant-funded project, University of Arkansas at Little Rock

RESEARCH / PROJECT AFFILIATIONS:

- 2026-2029 | **Co-Principal Investigator**, *Future Ready: AI and Cybersecurity Career Awareness Series*
University of Central Arkansas
- Evaluating student awareness, perceptions, and interests regarding career pathways in Artificial Intelligence (AI) and Cybersecurity. The purpose of this research is to understand how exposure to professional practitioners in a virtual format influences student career self-efficacy and interest in federal, military, and industry sectors. PI: Dr. Vamsi Paruchuri.
- 2023-2024 | **Principal Investigator**, *Project iBEAMGT*,
University of Central Arkansas, University Research Council-funded
- Investigated the effects of teacher professional development on the identification of, and provision of services to, gifted and talented students who are children with disabilities (2e). Other Co-PIs Dr. Debbie Dailey, Dr. Michelle Buchanan, and Dr. Claire Hughes.
- 2022-2024 | **Co-Principal Investigator**, *Pre- and Post-Covid-19 Impact on Marginalized High-Potential K12 Learners and their Teachers*
University of Central Arkansas
- Investigated the effects of the pandemic on marginalized high-potential K12 students and their teachers. Other Co-Pis are Dr. Debbie Dailey and Laura Marshall.

- 2021-2022 | **Instructional Specialist, *Eclipse 2024 Grant***,
Arkansas Space Grant Consortium / University of Central Arkansas (with the
Dept. of Physics and Astronomy)
- 2018-2019 | **Principal Investigator, *Translating Engineers' Dispositions and Interpersonal Skills to the K 12 Classroom: Identifying Early Engineering Talent***,
University of Central Arkansas (Sabbatical Research)
- Investigated the development and application of dispositions and interpersonal skills of 100 workforce engineers and will determine if those skills are transferable to K-12 education settings.
- 2015-2021 | **External Evaluator, *UALR Teach Noyce Teacher Scholarship Program***,
University of Arkansas at Little Rock. NSF-funded.
- As an external evaluator, investigated the effects of the Noyce program on *UALR Teach Teacher Scholarship recipients*.
- 2015-2019 | **Co-Principal Investigator (1 of 2), *STEMulate Engineering Academy***.
University of Central Arkansas.
- Investigated the impact of STEMulate Engineering Academy on teachers' and students' engineering knowledge, skills, and perceptions. Additionally, the camp is a means to provide professional development to area teachers. The Co-PIs (with Dr. Debbie Dailey) simultaneously investigated the impact of professional development on teachers' engineering knowledge, skills, and perceptions.
- 2015-2016 | **Principal Investigator, *Teacher Candidates' Utility of Research Methodology***
University of Central Arkansas
- Investigated (with colleagues Drs. Debbie Dailey and Jason Trumble) teacher candidates' perceptions regarding the perceived usefulness and utility of research methodology, particularly in their K-12 classroom. Furthermore, we are exploring underlying assumptions in regard to if/and or how they plan to use their knowledge of research methodology to inform their instructional practice in the K-12 classroom.
- 2014-2015 | **Co-Principal Investigator, *Mentor Teacher Assessment Practices***
University of Central Arkansas
- Investigated (with colleagues Dr. Debbie Dailey, Nancy Gallavan, and Amy Thompson) mentor-teacher practices in regard to formative assessment and differentiated instruction.
- 2013-2018 | **Principal Investigator, *Virtual Peer Coaching Teacher Quality Project***,
University of Central Arkansas – Department of Teaching and Learning
- Investigated (with colleagues Drs. Tammy Benson, Donna Wake, & Debbie Dailey) the effects of virtual coaching (corrective on-demand

feedback) on the quality (as measured by the Danielson TESS model) of pre-service teacher candidates using Skype and Bluetooth Bug-in-the-Ear (BIE) technology.

- 2013-2017 | **Internal Evaluator, *Partnership for Transition to Teaching (P3T)*,**
U. S. Department of Education funded; evaluation services provided on behalf of the University of Central Arkansas College of Education (grantee).
- Investigated the perceptions, concerns, and teacher efficacy of *Partnership for Transition to Teaching (P3T)* teacher candidates.
- 2013-2014 | **Internal Evaluator, *Algebra and Geometry in Vertical Teams*,**
Arkansas Department of Higher Education funded; evaluation services provided on behalf of the University of Central Arkansas College of Natural Science & Mathematics – Department of Mathematics (grantee).
- Conducted the formative evaluation of a secondary mathematic initiative focused on vertical alignment and teams in algebra and geometry.
- 2008-2012 | **Principal Investigator (1 of 2), *Project STEM Starters*,**
United States Department of Education funded; on behalf of the University of Arkansas at Little Rock (grantee).
- Investigated the effects of a STEM initiative on elementary school teachers and their students' science knowledge and skills.
- 2004-2008 | **Research Associate, *Arkansas Evaluation Initiative in Gifted Education*,**
U.S. Department of Education funded; on behalf of the University of Arkansas at Little Rock (grantee).
- Conducted an investigation of the effects of a statewide program evaluation initiative on the evaluation knowledge, and skills of gifted program administrators.
- 2003-2004 | **Pilot School Program Administrator, *Arkansas Evaluation Initiative in Gifted Education*,**
U.S. Department of Education funded; on behalf of the Arkansas Department of Education and the University of Arkansas at Little Rock (grantee), and East End School District (Pilot School).
- Served as the district program administrator (pilot site) for the AEI program evaluation initiative.

HONORS AND ACCOLADES:

Fellowship(s)

2026 | **Fellow, George Washington University, Institute on Antisemitism and Jewish Identity in Educational Settings** (Washington, DC), *Graduate School of Education and Human Development (GSEHD)*. Selected for a competitive national cohort of higher education faculty and senior administrators to address institutional policy, identity, and inclusion within higher education frameworks; activities focused on developing pedagogical frameworks to address contemporary antisemitism and foster inclusive educational environments.

Professional Awards

2025 | **University of Central Arkansas Outstanding Contributions to Graduate Education Award**

University of Central Arkansas, Graduate School

2023 | **University of Central Arkansas Research, Scholarship, and Creative Activity Award (Winner)**

University of Central Arkansas Faculty Excellence Awards

2022 | **University of Central Arkansas Research, Scholarship, and Creative Activity Award (Finalist)**

University of Central Arkansas Faculty Excellence Awards

2016 | **American Education Research Association Best Paper Award (TACTL SIG)**

American Education Research Association, Washington, DC

Research Manuscript Title: The Impact of Virtual Coaching and On-demand Feedback on Teacher Candidates' Clinical Experiences

2015 | **National Association for Gifted Children Early Scholar Award**

National Association for Gifted Children, Washington, DC

2015 | **Reimer's Education Innovation and Social Entrepreneurship Competition 'Most Innovative Idea' Award**

Harvard Graduate School, Education Innovation & Social Entrepreneurship, Boston, MA

Project Title: Teach Talk Virtual Coaching Project

2015 | **University of Central Arkansas College of Education Outstanding Faculty Research Award**

University of Central Arkansas, College of Education

2015 | **Southeastern Regional Association of Teacher Educators (SRATE) Teaching Innovation Award**

Southeastern Regional Association of Teacher Educators

Role: Virtual coaching project created/led by Alicia Cotabish and Tammy Benson; Awarded to UCA Dept. of Teaching & Learning

- 2012 | **National Association for Gifted Children Early Leader Award**
National Association for Gifted Children, Washington, DC
- 2012 | **Arkansans for Gifted and Talented Challenger Award**
Arkansans for Gifted and Talented Education
- 2008 | **Texas A&M-Texarkana Distinguished Alumna Award**
Texas A&M University-Texarkana
- 2007 | **University of Arkansas at Little Rock Graduate Student Research Forum (Winner)**
University of Arkansas at Little Rock
- 2007 | **Arkansans for Gifted and Talented Education Educator Award**
Arkansans for Gifted and Talented Education
- 2006 | **National Association for Gifted Children Doctoral Student Award**
National Association for Gifted Children, Washington, DC
- 2004 | **Outstanding Service Award in the Gifted and Talented Program**
East End School District, Bigelow, AR
- 2004 | **Governor's Act 56 Award for Outstanding Gifted and Talented Program**
Arkansas Department of Education, Division of Elementary and Secondary Education
Role: Program Administrator for East End School District, Bigelow, AR
- 2004 | **Arkansans for Gifted and Talented Education Parent Affiliate Award**
Arkansans for Gifted and Talented Education
Role: Program Administrator for East End School District, Bigelow, AR
- 2004 | **Arkansans for Gifted and Talented Education Curriculum Award**
Arkansans for Gifted and Talented Education
Sole Curriculum Author: *Unmasking the Middle East: A Differentiated Unit of Study for Talented Learners*
- 2002 | **East Texas Regional Science Collaborative - Science Teacher Mentor Achievement**
Texas A&M University -Texarkana

National Expert Recognition

National Association for Gifted Children Expert Speaker [by selective invitation only].

SCHOLARLY AND CREATIVE ENDEAVORS**RESEARCH SABBATICAL**

Fall 2018 Examining Engineering Soft Skills: Examined the soft skills (personality traits, communication skills) of engineers and attempted to tie those characteristics back to K-12 education to explain why some kids are better suited or drawn to STEM careers like engineering. Sabbatical led to Spencer Foundation grant submission and an ongoing line of research inquiry.

GRANTS AND CONTRACTSExternally-funded Grants (Contributing Author – Funded or Under Review)

2026 | National Science Foundation, AI Ready America (submitted; under review).
National Science Foundation, Cyber AI SFS: Arise - Artificial Intelligence

2026 | Integrated Security Education (submitted; under review)
National Science Foundation Robert Noyce Scholarship Program,

2015 | *UALR Teach Noyce Scholars*, Funded. (\$1,193,677).

2014 | Jacob K. Javits Grant, US Department of Education, *STEM Starters Plus*.
Funded. (\$1,999,060).

2008 | Jacob K. Javits Grant, US Department of Education, *Project STEM Starters*,
Funded (\$2,200,000).

Externally-funded Grants (Sole Author – Funded)

2018-2019 | Arvest Bank Community Grant for STEMulate Engineering Academy, Funded.
(\$5,000).
Kimberly Clark Corporation Sponsorship of STEMulate Engineering Academy,

2015 -2019 | Funded. (\$5,000 annually).
Arkansans for Gifted and Talented Education, STEMulate Engineering Academy.

2016, 2017 | Funded (\$5,000 / year 2016; \$4,000 / year 2017)

2004 | *AGATE Parent Affiliate Grant*, Arkansans for Gifted and Talented,
Funded (\$1000).

2003 | *Arkansas AP Teams Access Project Grant*, Arkansas Department of Education,
Funded (\$800).

2002 | *Teacher and Administrator Grant*, Arkansas Department of Higher Education,
Funded (\$600).

1999 | *Teachers Take Wing Grant*, Junior League of Texarkana, TX
Funded (\$500).

University/College-funded Grants

2025 | UCA Faculty Development Grant, (\$500) Funded.

- 2023 | UCA Faculty Development Grant, (\$500) Funded.
- 2022 | UCA University Research Council, *iBEAMGT Project*, (\$7,819) Funded.
- 2017 | UCA Faculty Development Grant, (\$2,850) Funded.
- 2014 | Faculty Summer Research Incentive Grant, *Virtual Bugs: An Innovative Peer Coaching Intervention to Improve the Instructional Behaviors of Teacher Candidates*, University of Central Arkansas College of Education. Authored. (\$3,360). Funded.
- 2013 | University of Central Arkansas Foundation Grant, *STEMulate Academy*, (\$2,960). Co-authored. Funded.

Grants Reviewed for Government Agencies

- 2025 | Institute of Education Sciences (IES), National Research Center on the Gifted and Talented (NRCGT), Review Panel, Field Reader
- 2022 | United Arab Emirates Ministry of Education, Developing the UAE Gifted & Talented Ecosystem Research Grant 2022, Peer Reviewer
- 2022 | U.S. Department of Education, Office of Academic Improvement and Teacher Quality Programs, Jacob K. Javits Grant, State and National Agencies, Review Panel, Field Reader.
- 2020 | Institute of Education Sciences (IES), National Research Center on the Gifted and Talented (NRCGT), Review Panel, Field Reader
- 2015 | U.S. Department of Education, Office of Academic Improvement and Teacher Quality Programs, Jacob K. Javits Grant, State and National Agencies, Review Panel, Field Reader.
- 2015 | U.S. Department of Education, Office of Postsecondary Education - Higher Education Programs, Graduate Assistance in Areas of National Need (GAANN), Peer Reviewer Panel (Alternate).
- 2014 | Institute of Education Sciences (IES), Jacob K. Javits National Research Center on the Gifted and Talented (NRCGT), Review Panel, Field Reader.
- 2013 | U.S. Department of Education, Office of Postsecondary Education (OPE), Strengthening Institutions Program (SIP). Review Panel, Field Reader.
- 2013 | U.S. Department of Education, Office of Innovation and Improvement (OLL), i3 Development Grant Competition, (Pre-Development Grant Reviewer)
- 2012 | U. S. Department of Education, Office of Postsecondary Education, Strengthening Institutions Program (SIP) and The Alaska Native and Native Hawaiian-Serving Institutions Program (ANNH) Review Panel Alternate.
- 2009 | U.S. Department of Education, Office of Safe and Drug-Free Schools Foundations for Learning Grants, State and National Agencies, Review Panel, Field Reader.
- 2007 | U.S. Department of Education, Office of Safe and Drug-Free Schools Foundations for Learning Grants, State and National Agencies, Review Panel, Field Reader.
- 2006 | U.S. Department of Education, Office of Innovation and Improvement (OLL), Parent Information Resource Centers, State and National Agencies, Review Panel, Field Reader.
- 2005 | U.S. Department of Education, Office of Academic Improvement and Teacher Quality Programs, Jacob K. Javits Grant, State and National Agencies, Review Panel, Field Reader.

2005 | U.S. Department of Education, Office of Academic Improvement and Teacher Quality Programs, Jacob K. Javits Grant, State and National Agencies, Review Panel, Field Reader.

PUBLICATIONS

BOOKS:

7. Dailey, D., & Cotabish, A., (Eds.). (2026). *Engineering Ingenuity: Instruction for High Ability Learners in K-8 Classrooms* (2nd ed.) [Service publication for the National Association for Gifted Children]. Taylor and Francis.
 6. Johnsen, S., Cotabish, A., & Dailey, D. (2022). *NAGC Pre-K-Grade 12 Gifted Education Programming Standards: A guide to planning and implementing high-quality services* (2nd ed.). [Service publication for the National Association for Gifted Children and Council of Exceptional Children- The Association of the Gifted]. Waco, TX: Prufrock Press.
 5. Dailey, D., & Cotabish, A., (Eds.). (2017). *Designing Innovative Engineering Instruction for High Ability Learners in K-8 Classrooms*. [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
 4. Johnsen, S., VanTassel-Baska, J. Robinson, A., Cotabish, A., & Dailey, D. Jolly, J., Clarenbach, J., & Adams, C. (2016). *Using the NAGC-CEC Teacher Preparation Standards in the CAEP accreditation process*. (2nd ed.). [Service publication for the National Association for Gifted Children and Council of Exceptional Children- The Association of the Gifted]. Waco, TX: Prufrock Press.
 3. Adams, A. Cotabish, A., & Dailey, D. (2015). *A teacher's guide to using the Next Generation Science Standards with gifted and advanced Learners*. [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
- Book Review [National Science Teachers Association *Recommends* list]:
<http://www.nsta.org/recommends/ViewProduct.aspx?ProductID=22231>
2. Adams. C., Cotabish, A., & Ricci, M. K. (2014). *Using the next generation science standards with advanced and gifted Learners*. [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
 1. Sheffield, L., Adams, C., Johnsen, S., Cotabish, A., VanTassel-Baska, J., & Mursky, C. (2013). [Contributing author]. In S. Johnsen & L. Sheffield, *Using the Common Core State Standards for mathematics with advanced and gifted learners*. [Joint service publication for the National Association for Gifted Children, National Council of Supervisors of Mathematics, and the National Council of Teachers of Mathematics.] Waco, TX: Prufrock Press.

REFEREED / PEER-REVIEWED PUBLICATIONS:

38. Cotabish, A., Dailey, D., Trumble, J., & Miller, R. (2024). Spatial reasoning excellence: A synergy of VanTassel-Baska's Integrated Curriculum Model and Talent Development. *Education Sciences*, 14(7), 716.
<https://doi.org/10.3390/educsci14070716>
37. Dailey, D., Cotabish, A., Buchanan, M., & Marshall, L. (2024). Interrupted programming: The impact of school shutdown on gifted student identification and services. *Journal of Advanced Academics*, 35(2), 263-289.
<https://doi.org/10.1177/1932202X241232724>
36. Cotabish, A., & Buchanan, M. (2021). Facilitating meaningful science learning in a virtual world, *Teaching for High Potential*, (May).
35. Cotabish, A., & Buchanan, M. (2021). Socially Scientific: Facilitating problem-based learning in a virtual world. *Teaching for High Potential*, (February).
34. Cotabish, A., & Wake D. (2020). Culturally-responsive teaching: Yes, even in science! *Teaching for High Potential*, (November), 7.
33. Cotabish, A., Dailey, D., Corwith, S., Johnsen, S., Lee, C.W., Guibault, K. (2020). Ushering in the 2019 Pre-K to Grade 12 Gifted Programming Standards. *Gifted Child Today*, 43(2), 135-140.
32. Cotabish, A. (2020). Inspiring the next African American scientist. *Teaching for High Potential*, (May), 13.
31. Trumble, J. Dailey, D., & Cotabish, A. (2020). PBL & the engineering design process for STEM learning. *TEMPO Journal of the Texas Association for the Gifted & Talented*, 40(1), 6-12.
30. Cotabish, A. (2020). 10 Edtech science trends in 2020. *Teaching for High Potential*, (February), 12-13.
29. Cotabish, A., Dailey, D. & Trumble, J. (2019, August). Translating engineering soft skills to the K-12 classroom. *Teaching for High Potential*, (August), 5.
28. Cotabish, A. (2019). Producing authentic researchers beyond the classroom. *Teaching for High Potential*, (February), 12.
27. Trumble, J., & Cotabish, A. (2018). Scratching the surface: Hacking the classroom through coding. *Teaching for High Potential*. (November), 9 – 13.
26. Cotabish, A. (2018). Creating a visual science classroom. *Teaching for High Potential*, (May), 13.

25. Cotabish, A. (2018). Utilizing YouTube for immersive VR science learning. *Teaching for High Potential*, (February), 10-19.
24. Dailey, D., Cotabish, A., & Jackson, N. (2018, April). Increasing early opportunities in engineering for advanced learners in elementary classrooms. *Journal for the Education of the Gifted (Special STEM issue)*. Thousand Oaks, CA. <https://doi.org/10.1177/0162353217745157>
23. Dailey, D., Jackson, N., Cotabish, A., & Trumble, J. (2018, April). STEMulate Engineering Academy: Engaging students and teachers in engineering practices. *Roeper Review*, 40(2), 97-101. doi:: 10.1080/02783193.2018.1434709
22. Cotabish, A. (2017, December). Utilizing YouTube for immersive VR science learning. Thomas B. Fordham Institute: The High Flyer. <https://fordhaminstitute.org/ohio/commentary/utilizing-youtube-immersive-vr-science-learning>
21. Cotabish, A., Dailey, D., Coxon, S. Adams, C. & Miller, R. (2017). The Next Generation Science Standards and High-Ability Learners [Unsolicited Selection for Special Issue: Best of the Best Manuscripts: Teaching for High Potential – 10 Year Anniversary Edition]. *Teaching for High Potential*.
20. Wake, D., Dailey, D., Cotabish, A., & Benson, T. (2017, September). The effects of virtual coaching on teacher candidates' perceptions and concerns regarding on-demand corrective feedback. *Journal of Technology and Teachers Education*. 25(3), 327-357.
19. Dailey, D., Cotabish, A., & Jackson, N. (2017, Winter). Articulating multiple standards in the gifted education classroom: An instructional planning approach to navigating standards. *Teaching for High Potential*.
18. Hughes, G.; Cotabish, A., Williams, C., & Wake, D. (2015). A perceptual assessment of non-traditional STEM teacher candidates: A University Partnership for Transition to Teaching. *Journal of Teaching Effectiveness and Student Achievement*, 2(2), https://www.angelo.edu/dept/ceducation/the_journal_of_teaching_effectiveness_and_student_achievement.php
17. Dailey, D., Bunn, G., & Cotabish, A. (2015). Answering the call to improve STEM education: A STEM Teacher Preparation Program. *Journal of the National Association for Alternative Certification*, 10(2).
15. Bunn, G., Dailey, D., & Cotabish, A. (2015). STEMteach: An innovative approach to increasing STEM Educators. *Journal of Mathematics and Science*, 14, 147-157.

16. Benson, T. & Cotabish, A. (2014). Virtual bugs: An innovative peer coaching intervention to improve the instructional behaviors of teacher candidates. *Southeastern Regional Association of Teacher Educators Journal*. Fall/Winter. <http://apbrwww5.apsu.edu/SRATE/CurrentVolume.html>
14. Robinson, A., Cotabish, A., Wood, B. & O'Tuel. F. (2014). The effects of a statewide evaluation initiative in gifted education on practitioner knowledge, concern, and program documentation. [Special issue]. *Journal of Advanced Academics*, 25(4), 349-383. doi:10.1177/1932202X14549356 or <http://joa.sagepub.com/content/25/4/349?etoc>
13. Robinson, A., Dailey, D., Cotabish, A., & Hughes, G. (2014). The effects of a STEM intervention on gifted elementary students' science knowledge and skills. [Special issue]. *Journal of Advanced Academics*, 25(3), 189-213. doi: 10.1177/1932202X14533799 or <http://joa.sagepub.com/content/25/3/189>
12. Shaunessy-Dedrick, E., & Cotabish, A. (Eds.) (2014). Introduction letter: Jacob K. Javits gifted and talented students education program grant findings [Special issue]. *Journal of Advanced Academics*, 25(4), 335-337. doi:10.1177/1932202X14549510 or <http://joa.sagepub.com/content/25/4?etoc>
11. Cotabish, A., Dailey, D., Coxon, S., Adams, C., & Miller, R. (2014). The Next Generation Science Standards and high ability learners. *Teaching for High Potential, Winter 2014* (1), 16-18.
10. Cotabish, A., Dailey, D., Robinson, A., & Hughes, A. (2013). The effects of a STEM intervention on elementary students' science knowledge and skills. *School Science and Mathematics*, 113(5), 215-226. doi: 10.1111/ssm.12023 or <http://onlinelibrary.wiley.com/doi/10.1111/ssm.12023/abstract>
9. Dailey, D., Cotabish, A., & Robinson, A. (2013). A model for STEM talent development: Peer coaching in the elementary science classroom. *TEMPO*, 4(33), 15-19.
8. Cotabish, A., & Robinson, A. (2012). The effects of peer coaching on the evaluation knowledge, and skills of gifted program administrators. *Gifted Child Quarterly*, 56(3), 160-170. doi: 10.1177/0016986212446861 or <http://gcq.sagepub.com/content/56/3/160.short>
7. Cotabish, A., Dailey, D., Hughes, G., & Robinson, A. (2011). The effects of a gifted education STEM project on elementary teachers' science process skills and knowledge of science content. *Research in the Schools*, 18(2), 16-25.
6. Cotabish, A., & Adams, C. (2010). Teacher standards and gifted learners: Parent seminar 101. *Parenting for High Potential*, 7-11.
5. Cotabish, A., Lord, E. W., & Adams, C. (2010). Did you say more standards? *Teaching for High Potential, Fall 2010*, 4(23).

4. Cotabish, A., Robinson, A., Anthony, T. S. & Bryant, L., & Calder-Isgrig, K. (2007). Breaking trends in gifted programs: Increasing representation of culturally diverse and low-income students. *Understanding Our Gifted, Fall 2007, 20(1)*, 21-24.
3. Cotabish, A., Biggers, A., Dragland, A., & Robinson, A. (2007). The Arkansas Evaluation Initiative in Gifted Education: Accomplishing change through professional development. *Teaching for High Potential*, Winter 2007.
2. Cotabish, A. (2006). An Administrator's guide to growing a small district gifted program: A tactical pursuit to build program support from the inside out. *Gifted Education Press Quarterly*, Spring 2006, *20(2)*, 6-10.
1. Robinson, A., & Cotabish, A. (2005). Biography and young gifted learners: Connecting to commercially available curricula. *Understanding Our Gifted*, Winter 2005, *17(2)*, 3-6.

BOOK CHAPTERS:

24. Cotabish, A. (2026). Expanding engineering pathways for gifted learners. In D. Dailey & A. Cotabish (Eds.), *Engineering Ingenuity: Instruction for High Ability Learners in K-8 Classrooms* (2nd ed., pp. 371-394). [Service publication for the National Association for Gifted Children]. Taylor and Francis.
23. Dailey, D. & Cotabish, A. (2026). Introduction to engineering practices. In D. Dailey & A. Cotabish (Eds.), *Engineering Ingenuity: Instruction for High Ability Learners in K-8 Classrooms* (2nd ed., pp. 1-10). [Service publication for the National Association for Gifted Children]. Taylor and Francis.
22. Cotabish, A., Buchanan, M., & Dailey, D. (2023). Science curricular considerations for advanced learners. In J. VanTassel-Baska & C. A. Little (Eds.), *Content-based Curriculum for High-ability Learners*, 4th ed. New York, NY: Routledge Press.
21. Dailey, D., Trumble, J., & Cotabish, A. (2023). Developing experiences in engineering design processes for advanced learners. In J. VanTassel-Baska & C. A. Little (Eds.), *Content-based Curriculum for High-ability Learners*, 4th ed. New York, NY: Routledge Press.
20. Johnsen, S., Cotabish, A., & Dailey, D. (2022). Introduction to the revised programming standards. In Johnsen, S., Dailey, D. and Cotabish, A. (Ed.). *NAGC Pre-K-Grade 12 Gifted Education Programming Standards: A guide to planning and implementing high-quality services (2nd ed.)*. [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
19. Cotabish, A., & Guibault, K. (2022). Using the NAGC Standards to assess programmatic and professional learning. In Johnsen, S., Dailey, D., and Cotabish,

- A. (Ed.). *NAGC Pre-K-Grade 12 Gifted Education Programming Standards: A guide to planning and implementing high-quality services (2nd ed.)*. [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
18. Cotabish, A. (2019). Tenacity. In C. Gingrasso, *WOW Factor: 52 Thoughts from Thought Leaders*. Oviedo, FL: Higherlife Publishing.
 17. Amspauh, C. & Cotabish, A. (2018). Music, creativity, and the arts in specialized schools. In B. Macfarlane (Ed.), *Specialized Schools for High-Ability Learners* (pp. 121-134). [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
 16. Cotabish, A., Garimella, U., & Boshears, G. (2017). Professional development for teachers of engineering. In D. Dailey & A. Cotabish, A., (Eds.), *Designing Innovative Engineering Instruction for High Ability Learners in K-8 Classrooms* (pp. 181-188). [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
 15. Dailey, D., & Cotabish, A. (2017). Introduction to engineering education. In D. Dailey & A. Cotabish, A., (Eds.), *Designing Innovative Engineering Instruction for High Ability Learners in K-8 Classrooms* (pp. 3-7). [Service publication for the National Association for Gifted Children]. Waco, TX: Prufrock Press.
 14. Cotabish, A. (2017). Science curricular considerations for advanced learners. In J. VanTassel-Baska & C. A. Little (Eds.), *Content-based Curriculum for High-ability Learners, 3rd ed* (pp. 277-302). Waco, TX: Prufrock Press.
 13. Shaunessy-Dedrick, E., Mursky, C., & Cotabish, A. (2017). Identifying outcomes for professional development. In Susan Johnsen & Jane Clarenbach (Eds.), *Using the National Gifted Education Standards in Providing Services to Gifted Students in P-12 Schools* (pp. 69-88). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
 12. Cotabish, A., Dailey, D., & Jackson, N. (2017). Developing partnerships: Preparing teachers to serve gifted students in all settings. In Susan B. Johnsen, et al., *Using the National Gifted Education Standards in Providing Services to Gifted Students in P-12 Schools* (pp. 37-51). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
 11. Cotabish, A., Dailey, D., & Jackson, N. (2017). Aligning programs and services with national and state standards. In Rebecca D. Eckert and Jennifer H. Robins (Eds.) *Designing Services and Programs for High-Ability Learners: A Guidebook for Gifted Education, 2nd ed.* (pp. 1-17). [Service publication on behalf of the National Association for Gifted Children]. Thousand Oaks, CA: Corwin Press.

10. Miller, R., Cotabish, A., & Dailey, D. (2016). Picking up STEAM: Integrating the arts into STEM-focused gifted programming. In L. Putney and N. Gallavan (Eds.), *Teacher Education Yearbook XXIV: Establishing a Sense of Place for All Learners in 21st Century Classroom and Schools* (pp. 141-152). [Service publication on behalf of the Association of Teacher Educators (ATE)]. Lanham, MD: Rowman & Littlefield/Lyon Press.
9. VanTassel-Baska, J., Robinson, A., Cotabish, A., & Johnsen, S. (2016). *CAEP challenges*. In Susan Johnsen, et al., *Using the NAGC-CEC Teacher Preparation Standards in the CAEP Accreditation Process* (pp. 143-152). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
8. Cotabish, A., & Dailey, D. (2016). Using the standards in program development and accreditation: Developing Partnerships. In Susan Johnsen, et al., *Using the NAGC-CEC Teacher Preparation Standards in the CAEP Accreditation Process* (pp. 35-53). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
7. Dailey, D., & Cotabish, A. (2016). Integrating gifted education standards in Education Preparation Provider programs. In Susan Johnsen, et al., *Using the NAGC-CEC Teacher Preparation Standards in the CAEP Accreditation Process* (pp. 55-65). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
4. Dailey, D., & Cotabish, A. (2016). Developing advanced science curriculum for gifted students. In Todd Kettler (Ed.), *Modern Curriculum for Gifted and Advanced Academic Students* (pp. 335-349). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
6. Dailey, D. & Cotabish, A. (2015). E is for Engineering Education: Cultivating applied science understandings and problem-solving abilities. In Bronwyn MacFarlane (Ed.), *Bright Flight: Developing Talent with STEM Education* (pp. 71-83). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
5. Cotabish, A. (2015). Connecting the Common Core and Next Generation Science Standards with curriculum for advanced learners. In Bronwyn MacFarlane (Ed.), *Bright Flight: Developing Talent with STEM Education* (pp. 163-169). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.
3. Lord, E. W., & Cotabish, A. (2013). Snapshot survey of school effectiveness factors. Appendix C in Donna Y. Ford, *Recruiting and Retaining Culturally Different Students in Gifted Education* (pp. 250-261). Waco, TX: Prufrock Press.
2. Cotabish, A., & Krisel, S. (2012). Action plans: Bringing the program standards to life!

In Susan Johnsen (Ed.), *NAGC Pre-K-Grade 12 Gifted Education Programming Standards: A Guide to Planning and Implementing High-Quality Services* (pp. 231-253). [Service publication on behalf of the National Association for Gifted Children]. Waco, TX: Prufrock Press.

1. Robinson, A., Cotabish, A., Wood, B.K., & Biggers, A. (2009). The Arkansas Evaluation Initiative in Gifted Education. In J. S. Renzulli, E.J. Gubbins, & K. Little (Eds.), *Systems and models in gifted education, 2nded.* (pp. 413-432). Mansfield, CT: Creative Learning Press.

MONOGRAPHS:

1. Robinson, A., Dailey, D., Cotabish, A., Hughes, G., & Hall, T. (2014). STEM Starters: An effective model for elementary teachers and students. In Robert E. Yager (Ed.), *Exemplary Science Programs: Designs for Success, 10th ed.* [Monograph: National Science Teachers Association] (pp. 1-18). Arlington, VA: NSTA Press.

NATIONAL ORGANIZATION PRODUCT DEVELOPMENT:

6. Lee, C.W., Cotabish, A., Dailey, D., Johnsen, S., Corwith, S. Guilbault, K., & Pratt, D. (2020). *Self-assess your P-12 practice or program using the NAGC Gifted Programming Standards* (2nd ed.). [Service publication for the National Association for Gifted Children].
5. Cotabish, A., Shaunessy-Dedrick, E., Kielty, W., Dailey, D., & Pratt, D. (2015). *Self-assess your P-12 practice or Program Using the NAGC Gifted Programming Standards* [Service publication for the National Association for Gifted Children].
4. Cotabish, A., (2015). *Using the NAGC Pre-K–Grade 12 Gifted Programming Standards to self-assess your practice or program* [Excel spreadsheet]. [Service publication for the National Association for Gifted Children: NAGC Professional Standards Work Group].
3. Cotabish, A. (2015). *Integrating gifted pedagogy into university science syllabi.* [Service publication for the National Association for Gifted Children]. Available from <http://www.nagc.org/preparing-teaching-candidates-advanced-learners>
2. National Association for Gifted Children (2011). Common Core State Standards and gifted education: FAQs. [Service publication for the National Association for Gifted Children]. Available from: <http://www.nagc.org/CommonCoreStateStandards.aspx>
1. Lord, E. W., & Cotabish, A. (2010). Snapshot survey of school effectiveness factors. In

Using the national gifted teacher preparation standards and NAGC program standards to inform practice. [Service publication for the National Association for Gifted Children]. Available from:
<http://www.nagc.org/ProgrammingStandards.aspx>

PUBLISHED STANDARDS FOR NATIONAL ORGANIZATIONS:

3. Council for Exceptional Children [CEC] (2024). [1 of 9 contributing authors]. *2023 Practice-based Professional Preparation Standards for Special Educators of Students with Gifts and Talents.* (Initial K-12 Teacher Preparation Standards; e.g, CAEP).
2. National Association for Gifted Children [NAGC] (2019). [1 of 5 contributing authors]. *2019 National Association for Gifted Children Pre-K-Grade 12 Gifted Programming Standards.* Service publication for the National Association for Gifted Children.
1. National Association for Gifted Children [NAGC] (2010). [1 of 10 contributing authors]. *2010 National Association for Gifted Children Pre-K-Grade 12 Gifted Programming Standards.* Service publication for the National Association for Gifted Children. Available from:
<http://www.nagc.org/ProgrammingStandards.aspx>

PUBLISHED PRACTITIONER TOOLS / CURRICULUM MATERIALS:

3. Cotabish, A. (2014). Current trends and legal issues in gifted education [curriculum module]. *Arkansas Department of Education Beginning Administrators Program.* ADE: Little Rock, AR.
2. Cotabish, A., Gilliam, S., Robinson, A., & Dailey, D. (2009). *Project STEM Starters elementary science lab manual.* Little Rock, AR: Center for Gifted Education.
1. Robinson, A., & Cotabish, A. (2008). *The Arkansas Evaluation Initiative (AEI) model in gifted education: Implementation materials.* [CD-ROM]. Little Rock, AR: Center for Gifted Education.

PUBLISHED BOOK REVIEWS:

2. Cotabish, A. (2014, November 14). Beyond gifted education. [Published review of the book *Beyond Gifted Education: Designing and Implementing Advanced Academic Programs* by S. Peters, M. Matthews, M. McBee & B. McCoach]. *Teachers College Record.* Available from
<http://www.tcrecord.org/Content.asp?ContentId=17753>
1. Cotabish, A. (2006). [Published review of the book *Supervision and Instructional*

Leadership: A Developmental Approach (7th ed.) by C. D. Glickman, C. D., S. P. Gordon, & J. M. Ross-Gordon]. (Back book cover jacket). Boston, MA: Allyn and Bacon.

PUBLISHED NEWSLETTER ARTICLES:

13. Dailey, D., Cotabish, A., Corwith, S., Johnsen, S, Lee, C.W., Guibault, K. (2020, February 3). Update on the 2019 Pre-K to Grade 12 Gifted Programming Standards. *National Association for Gifted Children (NAGC) Insider* (monthly newsletter).
12. Cotabish, A. (2017, Summer). How do you measure up as an advocate for gifted students? *Council for Exceptional Children – The Association of the Gifted* (International newsletter).
11. Cotabish, A. (2015). President’s message: Footprints: Leaving a Legacy of Excellence. *AAGEAN Digest*, Arkansas Association of Educational Administrators, 22. 1-4.
10. Cotabish, A. (2014). President’s message: Addressing the “excellence gap” in Arkansas gifted programs. *AAGEAN Digest*, Arkansas Association of Educational Administrators, 21. 1-4.
9. Cotabish, A. (2014). STEM, Common Core, and gifted learners: Cultivating the Next Generation of Scientists. *MEGT Voice*. Minnesota Educators of the Gifted and Talented, Spring 2014.
8. Cotabish, A. (2014). President’s message: How do you measure up as an advocate for gifted students? *AAGEAN Digest*, Arkansas Association of Educational Administrators, 20. 1-3.
7. Cotabish, A. (2013). President’s message: To infinity and beyond. *AAGEAN Digest*, Arkansas Association of Educational Administrators. 19, Fall 2013. 1-3.
6. Cotabish, A., & Miller, R. (2013). Addressing the STEAM movement in gifted programming. *AAGEAN Digest*, Arkansas Association of Educational Administrators, 18(2), 4-5.
5. Dailey, D., & Cotabish, A. (2011). Got science? Experiences from STEM Starters, an elementary science initiative. *Instructional Leader*, Arkansas Association of Educational Administrators, 17(4).
4. Cotabish, A., & Dailey, D. (2009). Project STEM Starters: A response to the state of science in the U.S. *AAGEAN Digest*, Fall 2009, 8-9.
3. Cotabish, A., & Deitz, C. (2004). NBPTS: Raising the bar for gifted educators. *AAGEAN Digest*, Fall 2004, 11(1), 8.

2. Cotabish, A. (2002). AP Breakfast Club, *The AAGEAN Digest*, Fall 2002, 10(2), 11.
1. Cotabish, A. (2002). AP Breakfast Club, *Arch Ford Educational Co-Op Gifted and Talented - 2002 in Review*.

DISSERTATION:

1. Cotabish, A. (2007). *The effects of peer coaching on evaluation knowledge, skills, and concerns of gifted program administrators*. (Doctoral dissertation).

GRANT-RELATED TECHNICAL REPORTS: (Submitted to Granting Agencies)

19. Cotabish, A. (2021). *Year 6 Final (Summative) External Evaluation Report*. NSF external evaluation report on UALR Noyce Scholars. Submitted to the National Science Foundation on behalf of the University of Arkansas at Little Rock, AR.
18. Cotabish, A. (2020). *Year 5 External Evaluation Report*. NSF external evaluation report on UALR Noyce Scholars. Submitted to the National Science Foundation on behalf of the University of Arkansas at Little Rock, AR.
17. Cotabish, A. (2019). *Year 4 External Evaluation Report*. NSF external evaluation report on UALR Noyce Scholars. Submitted to the National Science Foundation on behalf of the University of Arkansas at Little Rock, AR.
16. Cotabish, A. (2018). *Year 3 External Evaluation Report*. NSF external evaluation report on UALR Noyce Scholars. Submitted to the National Science Foundation on behalf of the University of Arkansas at Little Rock, AR.
15. Cotabish, A. (2017). *Year 2 External Evaluation Report*. NSF external evaluation report on UALR Noyce Scholars. Submitted to the National Science Foundation on behalf of the University of Arkansas at Little Rock, AR.
14. Cotabish, A. (2017). *Final (Extension Year 6) Internal Evaluation Report*. Final Report USDOE internal evaluation report for Partnership for Transition to Teaching. Submitted to the USDOE on behalf of the University of Central Arkansas, AR.
13. Cotabish, A. (2017). *Year 1 External Evaluation Report*. NSF external evaluation report on UALR Noyce Scholars. Submitted to the National Science Foundation on behalf of the University of Arkansas at Little Rock, AR.
12. Cotabish, A. (2016). *Year 5 Internal Evaluation Report*. USDOE internal evaluation report on Partnership for Transition to Teaching. Submitted to the USDOE on behalf of the University of Central Arkansas, Conway, AR.

11. Cotabish, A. (2015). *Year 4 Internal Evaluation Report*. USDOE internal evaluation report on Partnership for Transition to Teaching. Submitted to the USDOE on behalf of the University of Central Arkansas, Conway, AR.
10. Cotabish, A. (2014). *Year 3 Internal Evaluation Report*. USDOE internal evaluation report on Partnership for Transition to Teaching. Submitted to the USDOE on behalf of the University of Central Arkansas, Conway, AR.
9. Cotabish, A. (2014). *Final Internal Evaluation Report*. ADHE Report on *Algebra and Geometry in Vertical Teams for Grades 8-11*. Submitted to the Arkansas Department of Higher Education on behalf of the University of Central Arkansas, Conway, AR.
8. Robinson, A., Cotabish, A. & Dailey, D. (2012). Final USDOE report on *Project STEM Starters*. Submitted to the USDOE on behalf of the University of Arkansas at Little Rock.
7. Cotabish, A., & Robinson, A. (2010). Year 2 USDOE report on *Project STEM Starters*. Submitted to the USDOE on behalf of the University of Arkansas at Little Rock.
6. Robinson, A., Cotabish, A., & MacFarlane, B. (2009). *NCATE Accreditation Report for Gifted and Talented Licensure SPA*, College of Education: Gifted and Talented Education (GATE), University of Arkansas at Little Rock.
5. Cotabish, A., & Robinson, A. (2009). Year 1 USDOE report on *Project STEM Starters*. Submitted to the USDOE on behalf of the University of Arkansas at Little Rock.
4. Robinson, A., & Cotabish, A. (2007). Final USDOE report on *Arkansas Evaluation Initiative in Gifted Education*. Submitted to the USDOE on behalf of the Arkansas Department of Education and the University of Arkansas at Little Rock.
3. Robinson, A., & Cotabish, A. (2006). Year 3 USDOE report on *Arkansas Evaluation Initiative in Gifted Education*. Submitted to the USDOE on behalf of the Arkansas Department of Education and the University of Arkansas at Little Rock.
2. Robinson, A., & Cotabish, A. (2005). Year 2 USDOE report on *Arkansas Evaluation Initiative in Gifted Education*. Submitted to the USDOE on behalf of the Arkansas Department of Education and the University of Arkansas at Little Rock.
1. Robinson, A., & Cotabish, A. (2004). Year 1 USDOE report on *Arkansas Evaluation Initiative in Gifted Education*. Submitted to the USDOE on behalf of the Arkansas Department of Education and the University of Arkansas at Little Rock.

REFEREED RESEARCH MANUSCRIPTS (CONFERENCE PROCEEDINGS)

(Cross-listed in Refereed National/International Presentations)

42. Dailey, D., Cotabish, A., & Buchanan, M. (2024) *Gifted Student Identification and Services: Impact of the Pandemic Shutdown*, Hawaii International Conference on Education, Waikoloa, HI.
41. Trumble, J., Dailey, D., Buchanan, M., & Cotabish, A. (2020). Investigating Failure and Perseverance of Gifted and Non-Gifted Adolescents: A Mixed-Methods Study Paper presented at the Annual Conference of the American Education Research Association (AERA), San Francisco, CA.
40. Dailey, D., Trumble, J., Buchanan, M., & Cotabish, A. (2020). Summer Enrichment for Children: Igniting an Interest in Engineering. Paper presented at the Annual Conference of the American Education Research Association (AERA), San Francisco, CA.
39. Dailey, D., Trumble, J., Cotabish, A., Jackson, N., & Buchanan, M. (2018, April). *Engaging Students with Engineering: Increasing Access and Opportunity for All Learners*. Poster presented at the American Education Research Association, New York, NY.
38. Trumble, J., Dailey, D., Cotabish, A., Buchanan, M. & Jackson, N. (2018, February). *Students' knowledge of engineering and their application of engineering design in a summer engineering camp*. Paper presented at the annual meeting of the Association of Teacher Educators, Las Vegas, NV.
37. Dailey, D., Wake, D., Cotabish, A., & Benson, T. (2018, February). *The comparison of instructional practices between virtually and traditionally supervised teacher candidates in their culminating internship*. Paper presented at the annual meeting of the Association of Teacher Educators, Las Vegas, NV.
36. Trumble, J., Wake, D., Dailey, D., Cotabish, A., & Mills, M. (2018, February). *Developing teachers' data literacy skills: The evolution of teaching with practical data tools*. Paper presented at the annual meeting of the Association of Teacher Educators, Las Vegas, NV
35. Dailey, D., Wake, D., Benson, T., & Cotabish, A. (2017). *Comparison of instructional practices between virtually and traditionally supervised teacher candidates in their culminating internship*. Research paper presented at the Annual Meeting of the American Education Research Association, San Antonio, TX.
34. Benson, T., Cotabish, A., Wake, D., & Dailey, D. (2017, January). *The effects of virtual coaching on teacher candidates' perceptions and concerns regarding on-demand corrective feedback*. Research paper presented at the Hawaii International Conference on Education, Honolulu, HI.

33. Benson, T., Cotabish, A., Wake, D., & Dailey, D. (2016). *Improving Teacher Candidates' Performance with Innovative Virtual Coaching*. Research paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
32. Hughes, G., Hall, T., Chaney, K., Leiterman, S., & Cotabish, A. (2016). *Less is More: Increasing the Quantity and Quality of STEM Teachers*. Research paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
31. Wake, D., Dailey, D., Cotabish, A., & Benson, T. (2016, April). *The impact of virtual coaching and on-demand corrective feedback on teacher candidates' clinical experiences*. Research paper presented at the Annual Meeting of the American Education Research Association, Washington, D.C.
30. Dailey, D., Cotabish, A., & Jackson, N. (2016, April). *Experiences in a summer engineering camp: Impact on students' knowledge of science content and engineering practices*. Paper to be presented at the Annual Meeting of the American Education Research Association, Washington, D.C.
29. Dailey, D., Cotabish, A., & Jackson, N. (2015). *STEMulate engineering academy: Impact on students' science and engineering knowledge*. Research paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
28. Dailey, D., Cotabish, A., Miller, R., & Buchanan, M. (2015). *Teachers' professional development in a children's engineering camp*. Research paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
27. Trumble, J., Cotabish, A., & Dailey, D. (2015). *Examining the elephant in the room: Teacher Candidates' Perceptions and Utilization of Educational Research Methodology*. Research paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
26. Benson, T., Cotabish, A., & Wake, D. (2015). *The effects of virtual coaching on teacher candidates' perceptions and concerns regarding on-demand corrective feedback*. Research paper presented at the 2015 American Education Research Association in Chicago, Ill.
25. Gallavan, N., Dailey, D., Cotabish, A. & Thompson, A. (2015). *Mentor teachers' beliefs and practices with formative assessment: Mentors' influences on interns*. Research paper presented at the 2015 American Education Research Association in Chicago, Ill.
24. Dailey, D., Bunn, G., & Cotabish, A. (2015, April). *Contributing factors to the initial growth of a mathematics and science teacher education program*.

Research paper presented at the Annual Meeting of the American Education Research Association, Chicago, IL.

23. Wake, D., Cotabish, A., & Benson, T. (2015, March). *The effects of virtual coaching on teacher candidates' instructional development*. Research paper presented at (and proceedings of) Society for Information Technology and Teacher Education. Las Vegas, NV. Proceeding located at: <http://www.editlib.org/p/150175/>
22. Dailey, D., Bunn, G., & Cotabish, A. (2014). *Answering the call to improve STEM education*. Research paper presented at the Annual Meeting of the American Education Research Association. Paper presented at the Annual Conference of the Mid-south Education Research Association, Knoxville, TN.
21. Dailey, D., Gallavan, N., Cotabish, A., & Thompson, A. (2014). *Using Formative Assessment to Provide Differentiated Learning Opportunities: Mentor Teachers' Beliefs and Practices*. Research paper presented at the 2014 Mid-south Educational Research Association in Knoxville, TN.
20. Cotabish, A., Benson, T., & Wake, D. (2014). *Virtual Bugs: The Effects of Teacher Candidates' Perceptions and Concerns Regarding Virtual On-demand Corrective Feedback*. Research paper presented at the 2014 Mid-south Educational Research Association in Knoxville, TN.
19. Cotabish, A., Hughes, G., Williams, C., & Wake, D. (2014). *A perceptual assessment of non-traditional STEM teacher candidates: A university partnership for transition to teaching*. Research paper presented at the 2014 Mid-south Educational Research Association in Knoxville, TN.
18. Robinson, A., Dailey, D., Hughes, G., & Cotabish, A. (2014). *The effects of a science-focused STEM intervention on gifted elementary students' science knowledge and skills*. Research paper presented at the 14th International ECHA (European Council for High Ability) Conference. Ljubljana – Slovenia.
17. Cotabish, A., & Benson, T. (2014). *The interim effects of virtual peer coaching on the instructional behaviors of pre-service teacher candidates*. Research paper presented at (and proceedings of) the 2014 American Education Research Association (Philadelphia, PA): Washington, DC.
16. Cotabish, A., & Benson, T. (2013; 2014). *The effects of virtual peer coaching on the instructional behaviors of pre-service teacher candidates*. Research paper presented at the 2013 Mid-south Educational Research Association in Pensacola, FL.
15. Williams, C., Cotabish, A., & Hughes, G. (2013). *Personable and academic performance of nontraditional STEM+ teachers*. Research paper presented at the Annual Meeting of the Mid-south Educational Research Association, Pensacola, FL.

14. Cotabish, A., Dailey, D., Robinson, A. & Hughes, G. (2013). *The effects of a STEM intervention on elementary students' science knowledge and skills*. Research paper presented at the Annual Meeting of the American Education Research Association, San Francisco, CA.
13. Robinson, A., Dailey, D., Hughes, G., & Cotabish, A. (2013). *The effects of a STEM intervention on gifted elementary students' science knowledge and skills*. Research paper presented at the Annual Meeting of the American Education Research Association, San Francisco, CA.
12. Cotabish, A., & Duyar, I (2012). *The effects of peer coaching on the evaluation knowledge, skills, and concerns of elementary program administrators*. Research paper presented at the Annual Meeting of the American Education Research Association, Vancouver, BC.
11. Dailey, D., Cotabish, A., Robinson, A., & Hughes, G. (2012). *Interim effects of implementing a STEM initiative on elementary teacher perceptions and concerns*. Research paper presented at the Annual Meeting of the American Education Research Association, Vancouver, BC.
10. Duyar, I., Normore, A. H., Robinson, A., Pearson, C. & Cotabish, A. (2012). *What do we know about performance and future career aspirations of assistant principals?* Research paper presented at the Annual Meeting of the American Education Research Association, Vancouver, BC.
9. Duyar, I., Pearson, C., Cotabish, A., & Ras, N. L. (2012). *Looking at the big picture by examining structural relationship mechanisms among principal leadership, teacher self-efficacy, and collective efficacy*. Research paper presented at the Annual Meeting of the American Education Research Association, Vancouver, BC.
8. Cotabish, A., Hughes, G., Robinson, A., & Dailey, D. (2011). *The Effects of a Gifted Education STEM Project on Elementary Teachers' Science Process Skills*. Research paper presented at the Annual Conference of the Mid-south Educational Research Association, Oxford, MS.
7. Cotabish, A., Robinson, A., Hughes, G., & Dailey, D. (2011). *The effects of a gifted education STEM project on elementary teachers' science process skills and knowledge of science content*. Research paper presented at the Annual Meeting of the American Education Research Association, New Orleans, LA.
6. Dailey, D., Cotabish, A., Robinson, A., & Hughes, G. (2011). *Interim effects of implementing a STEM initiative on elementary teacher perceptions and concerns about science teaching and learning*. Research paper presented at the annual meeting of the American Education Research Association, New Orleans, LA.
5. Cotabish, A., Robinson, A. MacFarlane, B., & Wood, B. (2010). *Implementation of a*

gifted education STEM project: Teachers' initial perceptions, instructional behaviors, and knowledge of science content. Research paper presented at the Annual Meeting of the American Education Research Association, Denver, CO.

4. Robinson, A., Cotabish, A., Bryant, L., Pearson, L.C., & Duyar, I. (2008). *Implementing a team model in a statewide gifted program evaluation initiative.* Research paper presented at the Annual Meeting of the American Education Research Association, New York, NY.
3. Cotabish, A., & Robinson, A. (2007). *The effects of peer coaching on the evaluation knowledge, skills, and concerns of gifted program administrators.* Research paper presented at the Annual Meeting of the American Education Research Association, Chicago, IL.
2. Robinson, A., Cotabish, A., O'Tuel, F., Wood, B., & Pearson, L. (2006). *The effects of a statewide evaluation initiative in gifted education on practitioner knowledge and skills.* Research paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
1. Robinson, A., Cotabish, A., O'Tuel, F., & Wood, B. (2005). *Developing a statewide initiative in gifted education.* Research paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.

EDITORIAL ENDEAVORS

ASSOCIATE EDITOR:

2014-2015 ***Journal of Advanced Academics, Sage Publications***

About: *Journal of Advanced Academics* is a quarterly journal that focuses on research that supports and enhances advanced academic achievement for students of all ages. In particular, *JAA* publishes articles that feature strategies for increasing academic achievement, programs that promote high levels of academic achievement and engagement, and programs that prepare students to engage in high-level and rigorous academics.

GUEST EDITOR:

Shaunessy-Dedrick, E., & Cotabish, A. (Eds.) (2014). Jacob K. Javits Gifted and Talented Students Education Program Grant Findings [Special issue]. *Journal of Advanced Academics*, 25(4). Retrieved from <http://joa.sagepub.com/content/25/4?etoc>

EDITORIAL REFEREE FOR:

Journal of Teacher Education
 American Journal of Education / University of Chicago
 Roeper Review
 Journal of Advanced Academics
 Journal of Asia Pacific Education Review (Seoul National University)
 Teaching Exceptional Children (Council for Exceptional Children)
 Journal of Research in Science Teaching (Nat'l Assoc. for Research in Science Teaching)
 Journal of STEM Education: Innovations and Research
 Gifted Child Today
 School Science and Mathematics Journal (School Science and Mathematics Association)
 Journal for the Education of the Gifted (Council for Exceptional Children – TAG)
 Gifted Child Quarterly (Editorial Review Board; Nat'l Assoc. for Gifted Children)
 Teaching for High Potential (Editorial Advisory Board)
 Educational Research and Reviews
 Administrative Issues Journal
 TEMPO

BOOKS / CURRICULUM/ NATIONAL STANDARDS REVIEWS:

7. Indiana High Ability Curriculum Writing Project (April 2017, May 2012). Provided curriculum unit review for the Southern Indiana Education Center on behalf of the Indiana Department of Education
6. Javits Project Place (March 2017; May 2015). Unit Assessment Review on behalf of the University of Virginia.
5. Achieve (October 2015). *Accelerated Model Course Pathways; Next Generation Science Standards*. Provided review of pathways to *Achieve* (organization) on behalf of the National Association for Gifted Children.
4. Achieve (January 2013; May 2012). *Next Generation Science Standards*. Provided review of standards to *Achieve* (organization) on behalf of the National Association for Gifted Children.
3. Jazzar, M., & Algozzine, B. (2007). *Keys to successful 21st-century educational leadership*. Boston, MA: Allyn and Bacon.
2. Cunningham, W.G. (2007). *A handbook for educational leadership interns: A rite of passage*. Boston, MA: Allyn and Bacon.
1. Glickman, C. D., Gordon, S. P., & Ross-Gordon, J. M., (2006). *Supervision and instructional leadership: A developmental approach* (7th ed.). Boston, MA: Allyn and Bacon.

PRESENTATIONS

LEGISLATIVE AND AGENCY BRIEFINGS:

6. Cotabish, A., Dailey, D., & Robinson, A. (2011, December). *STEM Starters: A catalyst for change in elementary science programs*. Invited presentation to the Arkansas STEM Coalition, Little Rock, AR.
5. Robinson, A. & Cotabish, A. (2010, September). *STEM Starters*. Report to the National Science Foundation / National Science Board (NSB), Washington, DC.
4. Cotabish, A., Dailey, D., & Robinson, A. (2011, May). *STEM Starters Summit: 2011 elementary student and teacher results*. Presentation to Arkansas law and policymakers, and state STEM leaders, Little Rock, AR.
3. Cotabish, A., Dailey, D., & Robinson, A. (2011, May). *STEM Starters*. Report to the Arkansas Governor's Advisory Council for Gifted Education, Little Rock, AR.
2. Cotabish, A. (2008, February). *An update of the AEI Javits*. Presentation to statewide gifted education cooperative directors, Arkansas Department of Education, Little Rock, AR.
1. Robinson, A., & Cotabish, A. (2004, October). *A Report of AEI Status*. Report to the Arkansas Governor's Advisory Council for Gifted Education, Little Rock, AR.

KEYNOTE PRESENTATIONS:

8. Cotabish, A. (2025, Sep). GT Program Coordinators and Teachers' Guide to Support the Integration of AI Tools. Arkansas School for Mathematics, Science, and the Arts GT Drive-In Conference. Hot Springs, AR.
7. Cotabish, A. (2016, Nov). Differentiating the Next Generation Science Standards for Secondary High Ability Learners. Indiana Association for the Gifted. Indianapolis, IN.
6. Cotabish, A. (2016, Nov). Differentiating the Next Generation Science Standards for Elementary High Ability Learners. Indiana Association for the Gifted. Indianapolis, IN.
5. Cotabish, A. (2016, Nov). *Implementing Problem- and Project-Based Learning Activities with K-8 High Ability Learners*. Indiana Association for the Gifted. Indianapolis, IN.
4. Cotabish, A. (2016, Nov). *Utilizing K-12 Engineering Activities to Promote Interdisciplinary Understanding of Science, Technology, and Mathematics*. Indiana Association for the Gifted. Indianapolis, IN.

3. Cotabish, A. (2015, Oct 16). *A Problem-based Approach to the Next Generation Science Standards*. New Mexico Association for the Gifted Conference, Albuquerque, NM.
2. Cotabish, A. (2014, Feb 10). *Peas and Carrots: Modifying the Common Core ELA and Minnesota Academic Standards K-12 Mathematics for High Ability Learners* Annual Conference of the Minnesota Educators of the Gifted and Talented. Brainerd, MN.
1. Cotabish, A. (2014, Feb 11). *A Differentiated Approach to Addressing the Next Generation Science Standards for Gifted and Advanced Students*. Annual Conference of the Minnesota Educators of the Gifted and Talented. Brainerd, MN.

REFEREED NATIONAL AND INTERNATIONAL PRESENTATIONS:

125. Cotabish, A., Dailey, D., Meadows, M., & Buchanan, M. (2026). *Building Thinkers: Interactive Engineering Design* (Half Day Pre-Con Workshop). National Association for Gifted Children, Milwaukee, WI.
124. White, J., Cotabish, A., Dailey, D., & Buchanan, M. (2026). *Gifted Education Meets Artificial Intelligence: A Pathway to Policy*. National Association for Gifted Children, Milwaukee, WI.
123. Cotabish, A., Dailey, D., Buchanan, M., Mack, L., & White, J. (2026). *Creating Disruptive Scientists: Radical Curiosity and Innovative Lab Design*. National Association for Gifted Children, Milwaukee, WI.
122. Cotabish, A., & Dailey, D. (2026). *Investigating the Impact of AI-Driven Differentiated Instruction in K-12 Science Classrooms*. American Education Research Association, Los Angeles, CA.
121. Cotabish, A., Dailey, D., Miller, R., Jackson, N., Mack, L. (2025). *Harnessing the Power of AI: K-12 STEM Education Innovations for Gifted Learners*. National Association for Gifted Learners, Pittsburgh, PA.
120. Cotabish, A., Dailey, D., Miller, R., Jackson, N., Mack, L. (2025). *GT Program Coordinators and Teachers Guide to Support the Integration of AI Tools*. National Association for Gifted Learners, Pittsburgh, PA.
119. Miller, R. & Jackson, N., Dailey, D., Buchanan, M., & Cotabish, A. (2024). *Unlocking the Power of AI for Gifted Learners and Educators*. National Association for Gifted Learners, Seattle, WA.
118. Dailey, D., Cotabish, A., Buchanan, M., & Marshall, L. (2024). *Interrupted Programming: School Shutdown and Gifted Student Identification and Services*, American Educational (AERA) Research Association, Philadelphia, PA.

117. Dailey, D., Cotabish, A., & Buchanan, M. (2024). *Gifted Student Identification and Services: Impact of the Pandemic Shutdown*, Hawaii International Conference on Education, Waikoloa, HI.
116. Dailey, D., Cotabish, A., Jackson, K., & Miller, R. (2023). Revision of a University Gifted Endorsement Program During a Time of Program Cuts, National Association for Gifted Children (NAGC), Orlando, FL.
115. Dailey, D. & Cotabish, A. (2023, March). *Pre- and Post- COVID-19 Impact on Marginalized High Potential K-12 Learners and their Teachers*. Annual Conference of the Council for Exceptional Children. Louisville, KY.
114. Johnsen, S., Roberts, J., Dailey, D., Cotabish, A., et al., (2022). *The 2022 Initial Practice-based Professional Preparation Standards for Gifted Educators*, National Association for Gifted Children (NAGC), Indianapolis, IN.
113. Johnsen, S., Dailey, D., & Cotabish, A. (2022). *Using Ongoing Assessment for Student Learning Progress and Outcomes*, National Association for Gifted Children (NAGC), Indianapolis, IN.
112. Johnsen, S., Roberts, J., Dailey, D., Cotabish, A., et al., (2021). *Initial Preparation Standards, for Special Educators of Gifted Students*, National Association for Gifted Children (NAGC), Denver, CO.
111. Cotabish, A., & Dailey, D. (2021). *Planning and Implementing Quality Services for Gifted Students Using the NAGC Gifted Education Programming Standards*, National Association for Gifted Children (NAGC), Denver, CO.
110. Cotabish, A., Dailey, D., Johnsen, S., Corwith, S., Lee, C.W., Guilbault, K. (2020). [Pre-Con Workshop] *Using the NAGC Pre-K–Grade 12 Gifted Programming Standards to Improve Gifted Programs, Services, and Classroom*, National Association for Gifted Children (NAGC) Virtual Conference.
109. Trumble, J., Dailey, D., Buchanan, M., & Cotabish, A. (2020). *Investigating Failure and Perseverance of Gifted and Non-Gifted Adolescents: A Mixed-Methods Study*. Paper presented at the Annual Conference of the American Education Research Association (AERA), San Francisco, CA.
108. Dailey, D., Trumble, J., Buchanan, M., & Cotabish, A. (2020). *Summer Enrichment for Children: Igniting an Interest in Engineering*. Paper presented at the Annual Conference of the American Education Research Association (AERA), San Francisco, CA.
107. Corwith, S., Lee, C.W., Johnsen, S., Cotabish, A., & Dailey, D. (2019, November). *Gifted Education Programming Standards: The past, present and future*. National Association for Gifted Children (NAGC), Albuquerque, NM.

106. Dailey, D., Buchanan, M., Trumble, J. & Cotabish, A. (2019, July) *STEMulate Engineering Academy: Authentic Learning Opportunities in STEM for Low-Income and Diverse Learners*. World Council for Gifted Conference. Nashville, TN.
105. Dailey, D., Trumble, J., Cotabish, A., Jackson, N., & Buchanan, M. (2018, April). *Engaging Students with Engineering: Increasing Access and Opportunity for All Learners*. Poster presented at the American Education Research Association, New York, NY.
104. Trumble, J., Dailey, D., Cotabish, A., Buchanan, M. & Jackson, N. (2018, February). *Exploring Students' Knowledge of Engineering and their Applications of the Engineering Design in an Informal Setting*. Paper presented at the annual meeting of the Association of Teacher Educators, Las Vegas, NV.
103. Buchanan, M., Dailey, D., Cotabish, A., & Trumble, J. (2018). *An investigation in STEMteach candidate's teaching and learning beliefs*. Paper presented at the annual meeting of the Association of Teacher Educators, Las Vegas, NV.
102. Dailey, D., Wake, D., Cotabish, A., & Benson, T. (2018, February). *The comparison of instructional practices between virtually and traditionally supervised teacher candidates in their culminating internship*. Paper presented at the annual meeting of the Association of Teacher Educators, Las Vegas, NV.
101. Dailey, D., Buchanan, M., & Cotabish, A. (2018, February). *What About Engineering? An Integrated STEM Approach to Addressing Multiple Content Standards*. Research Paper presented at the Council for Exceptional Children (CEC), Tampa, FL.
100. Cotabish, A. & Hertzog, N. (2018, April). *Gifted Education Unconference / EdCamp*. Annual Conference of the American Education Research Association (AERA), New York, New York.
99. Cotabish, A., Johnsen, S., Dailey, D., Corwith, S., Wen Lee, C. (2018, November). *Implementing the NAGC pre-K-grade 12 gifted programming standards: Strategies and resources*. National Association for Gifted Children (NAGC), Minneapolis, MN.
98. Dailey, D., Wake, D., Cotabish, A., & Benson, T. (2017, April). *Comparison of instructional practices between virtually and traditionally supervised teacher candidates in their culminating internship*. Research paper presented at the Annual Meeting of the American Education Research Association, San Antonio, TX.
97. Buchanan, M., Cotabish, A., Dailey, D., (2017, April). *Engaging advanced learners in STEM content*. Panel presentation at Council for Exceptional Children (CEC), Boston, MA.

96. Benson, T., Cotabish, A., Wake, D., & Dailey, D. (2017, January). *The effects of virtual coaching on teacher candidates' perceptions and concerns regarding on-demand corrective feedback*. Research paper presented at the Hawaii International Conference on Education, Honolulu, HI.
95. Chandler, K., Cotabish, A., Dailey, D., Hughes, C., Jackson, N., Johnsen, S., Lee, C.W., Mursky, C., Shaunessy-Dedrick, E., Troxclair, D., & VanTassel-Baska, J. (2016). *Using Teacher Preparation Standards in Gifted to Plan Professional Development in P-12 Education*. Annual Conference of the National Association for Gifted Children (NAGC), Orlando, Florida.
94. Dailey, D. & Cotabish, A. (2016, November). Roundtable presentation on *Engineering instruction for high learners in K-8 classrooms*. National Association for Gifted Children (NAGC), Orlando, FL.
93. Cotabish, A., & Dailey, D. (2016) *Innovative Engineering Instruction for High Ability K-8 Learners*. Annual Conference of the National Association for Gifted Children (NAGC), Orlando, Florida.
92. Jackson, N., Dailey, D., Miller, R., Cotabish, A., & Buchanan, M. (2016). *Stuck on Creativity*. Annual Conference of the National Association for Gifted Children (NAGC), Orlando, Florida.
91. Wake, D., Cotabish, A., Benson, T., & Dailey, D. (2016). *Meeting the demands of professional practice: Innovation through Bug-in-the-Ear supervision*. Annual Conference of the American Association of Colleges of Teacher Education (AACTE). Las Vegas, NV.
90. Miller, R. G., Cotabish, A., & Dailey, D. (2016, February). *Picking up STEAM: Integrating the arts into STEM-focused gifted programming*. The Association of Teacher Educators Annual Meeting. Chicago, IL.
89. Adams, C., Cotabish, A., & Dailey, D. (2015). [PreConvention Program Gifted Education Workshops for Teachers]. *Practical and effective strategies, solutions, and resources for the classroom*. National Association for Gifted Children (NAGC), Phoenix, AZ.
88. Adams, C., Cotabish, A., Dailey, D. (2015). *Preparing tomorrow's innovators: Engaging elementary students in engineering design practices*. National Association for Gifted Children (NAGC), Phoenix, AZ.
87. Johnsen, S., Adams, C., Cotabish, A., Dailey, D., Jolly, J., Robinson, A., & VanTassel-Baska, J. (2015). *Using the National Gifted Education Standards for Teacher Preparation*. National Association for Gifted Children (NAGC), Phoenix, AZ.

86. Dailey, D., Cotabish, A., Buchanan, M., Miller, R., & Jackson, N. (2015). *Engineering with a twist: Fairy tales, Common Core, and Next Generation Science Standards*. National Association for Gifted Children (NAGC), Phoenix, AZ.
85. Buchanan, M., Cotabish, A., Dailey, D., Jackson, N., & Miller, R. (2015). *Smile with PBL: Science and math inquiry learning explored*. National Association for Gifted Children (NAGC), Phoenix, AZ.
84. Wake, D., Dailey, D., Cotabish, A., & Benson, T., (under review). The Impact of Virtual Coaching and On-Demand Corrective Feedback on Teacher Candidates' Clinical Experiences. Paper submitted to the Annual Meeting of the American Education Research Association, Washington, D.C.
83. Dailey, D., Cotabish, A., & Jackson, N. (2016). *Experiences in a summer engineering camp: Impact on students' knowledge of science content and engineering practices*. Paper submitted to the Annual Meeting of the American Education Research Association, Washington, D.C.
82. Dailey, D., Cotabish, A., Miller, R., Wake, D., & Buchanan, M. (under review). *Using a children's summer engineering camp to provide professional development to teachers*. Paper submitted to the Annual Meeting of the American Education Research Association, Washington, D.C.
81. Wake, D., Cotabish, A., & Benson, T. (under review). Innovation through Bug-in-the-Ear Supervision: The Effects of Virtual Coaching on Teacher Candidates' Instructional Development. Annual Meeting of the Society for Information Technology and Teacher Education International (SITE), Savannah, GA.
80. Benson, T., Cotabish, A., & Wake, D. (2015). *The effects of virtual coaching on teacher candidates' perceptions and concerns regarding on-demand corrective feedback*. Paper presented at the 2015 American Education Research Association in Chicago, Ill.
79. Gallavan, N., Dailey, D., Cotabish, A. & Thompson, A. (2015). *Mentor teachers' beliefs and practices with formative assessment: Mentors' Influences on Interns*. Paper presented at the 2015 American Education Research Association in Chicago, Ill.
78. Dailey, D., Bunn, G., & Cotabish, A. (2015, April). *Contributing factors to the initial growth of a mathematics and science teacher education program*. Paper presented at the Annual Meeting of the American Education Research Association, Chicago, IL.
77. Cotabish, A. (2015). *Evidence-based Practice for Gifted Students*. Chaired session at the Annual Meeting of the American Education Research Association, Chicago, IL.

76. Cotabish, A. (2015). *The intersection between Common Core State Standards and gifted education* (Role: Session Moderator). Annual Meeting of the Council for Exceptional Children (CEC). San Diego, CA.
75. Dailey, D. & Cotabish, A. (2015). *Engaging students in STEM. Creating an investigative classroom culture*. Annual Meeting of the Council for Exceptional Children (CEC). San Diego, CA.
74. Cotabish, A., & Dailey, D. (2015). *Project-based elementary engineering: A differentiated approach for the next generation gifted innovators*. Annual Meeting of the Council for Exceptional Children (CEC). San Diego, CA.
73. Wake, D., Cotabish, A., & Benson, T. (2015). *The effects of virtual coaching on teacher candidates' instructional development*. Annual Meeting of the Society for Information Technology and Teacher Education International (SITE), Las Vegas, NV.
72. Benson, T. & Cotabish, A. (2015). *Speak Out for Internship Supervision Virtual Style!* Association of Teacher Educators (ATE), Phoenix, AZ.
71. Cotabish, A. (2014). *Assessing Alignment to the NAGC Pre-K-12 Program Standards*. National Association for Gifted Children (NAGC), Baltimore, MD.
70. Adams, C., Cotabish, A., & Dailey, D. (2014). *Implementing the Next Generation Science Standards: Challenges to Differentiation* (Signature Series). National Association for Gifted Children (NAGC), Baltimore, MD.
69. Dailey, D., Cotabish, A., Bunn, G., & Miller, R. (2014). *Increasing opportunities for innovation and creativity in the classroom: Addressing the Next Generation Science Standards engineering design practices*. National Association for Gifted Children (NAGC), Baltimore, MD.
68. Bunn, G., Dailey, D., & Cotabish, A. (2014). *The UTeach model for teacher education: Using an investigative approach to transform classrooms into engaging environments*. Annual conference of the National Consortium for Specialized Secondary Schools for Mathematics, Science, and Technology (NCSSSMST), Baltimore, MD.
67. Adams, C., Cotabish, A., & Dailey, D. (2014). *Differentiating the Next Generation Science Standards at the middle and high school levels*. National Association for Gifted Children (NAGC), Baltimore, MD.
66. Adams, C., Cotabish, A., & Dailey, D. (2014). *Wednesday Pre-Convention: Differentiation at the core*. National Association for Gifted Children (NAGC), Baltimore, MD.

65. Cotabish, A., Dailey, D., Searcy, K. (2014). *Utilizing engineering activities in K-12 grades to promote interdisciplinary understanding of science, technology, and mathematics*. National Association for Gifted Children (NAGC), Baltimore, MD.
64. Miller, R., Dailey, D., & Cotabish, A. (2014). *Let's produce innovators*. National Association for Gifted Children (NAGC), Baltimore, MD.
63. Adams, C., Cotabish, A., & Dailey, D. (2014). *Problem-based and project-based learning for scientifically advanced learners*. National Association for Gifted Children (NAGC), Baltimore, MD.
62. Adams, C., Cotabish, A., & Dailey, D. (2014) *Differentiating the Next Generation Science Standards for grades K-5*. National Association for Gifted Children (NAGC), Baltimore, MD.
61. Benson, T., & Cotabish, A. (2014). The Voice of Peer Coaching: Bug-In-Ear Technology Impacts Student Intern Teaching Effectiveness. Annual Meeting of the Southeastern Regional Association of Teacher Educators (SRATE). Charleston, SC.
60. Robinson, A., Dailey, D., Hughes, G., & Cotabish, A. (2014). *The effects of a science-focused STEM intervention on gifted elementary students' science knowledge and skills*. 14th International ECHA (European Council for High Ability) Conference. Ljubljana – Slovenia.
59. Adams, C., Cotabish, A., & Dailey, D. (2014). *The next generation of advanced science learners*. Annual Meeting of the Council for Exceptional Children (CEC) [Invited symposium speaker]. Philadelphia, PA.
58. Cotabish, A., & Benson, T. (2014). *The interim effects of virtual peer coaching on the instructional behaviors of pre-service teacher candidates*. Paper to be presented at the Annual Meeting of the American Education Research Association (AERA), Philadelphia, PA.
57. Benson, T., & Cotabish, A. (2014). *The interim effects of virtual peer coaching on the instructional behaviors of pre-service teacher candidates*. Association of Teacher Educators (ATE). St. Louis, MO.
56. Cotabish, A., & Dailey, D. (2013). *Developing talent in the STEM fields in the era of the Common Core State Standards in Mathematics and the Next Generation Science Standards*. National Association for Gifted Children (NAGC), Indianapolis, IN.
55. Adams, C., Cotabish, A., Johnson, S., & VanTassel-Baska, J. (2013). *Essential opening session: National standards and program Design: What every gifted educator needs to know*. National Association for Gifted Children (NAGC), Indianapolis, IN.

54. Adams, C., Cotabish, A., & Ricci, M. (2013). *Using the Next Generation Science Standards*. National Association for Gifted Children (NAGC), Indianapolis, IN.
53. Adams, C., Cotabish, A., & Ricci, M. (2013). *Using the Next Generation Science Standards: Alignment to the 21st Century Skills*. National Association for Gifted Children (NAGC), Indianapolis, IN.
52. Cotabish, A., & Shaunessy-Dedrick, E. (2013). *Essentials Closing Session: Ensuring Success. Your Leadership Role in Implementing National and Common Core Standards for Gifted and Advanced Learners*. National Association for Gifted Children (NAGC), Indianapolis, IN.
51. Adams, C., Cotabish, A., & Ricci, M. (2013). *Gifted Education and the Next Generation Science Standards: Focus on Science*. National Association for Gifted Children (NAGC), Indianapolis, IN.
50. Robinson, A., Dailey, D., & Cotabish, A. (2013). *The Effects of a STEM Intervention on Gifted Elementary Students' Science Knowledge and Skills*. National Association for Gifted Children (NAGC), Indianapolis, IN.
49. Dailey, D., Cotabish, A., Adams, C., & Miller, R. (2013). *Supporting Elementary Teachers in Implementing the Next Generation Science Standards*. National Association for Gifted Children (NAGC), Indianapolis, IN.
48. Cotabish, A., Dailey, D., Robinson, A., & Hughes, G. (2013). *The effects of a STEM intervention on elementary students' science knowledge and skills*. Paper presented at the Annual Meeting of the American Education Research Association (AERA), San Francisco, CA.
47. Robinson, A., Dailey, D., Hughes, G., & Cotabish, A. (2013). *The effects of a STEM intervention on gifted elementary students' science knowledge and skills*. Paper presented at the Annual Meeting of the American Education Research Association (AERA), San Francisco, CA.
46. Cotabish, A. (2012) *Creating leadership opportunities within gifted education: Lessons from an early leader and a dancing guy*. National Association for Gifted Children (NAGC), Denver, CO.
45. Cotabish, A., & Adams, C. (2012). *Modifying the Common Core for high-ability learners: Implementing Common Core mathematics standards*. National Association for Gifted Children (NAGC), Denver, CO.
44. Cotabish, A. (2012). *Relationships between program models and the CCSS: What's your role in your building and district?* National Association for Gifted Children. National Association for Gifted Children (NAGC), Denver, CO.

43. Johnsen, S., Sheffield, L., Adams, C., Cotabish, A. & Mursky, C. (2012). *Gifted education and the common core state standards: A focus on mathematics* (Panel Discussion). National Association for Gifted Children (NAGC), Denver, CO.
42. Cotabish, A., Dailey, D., Robinson, A., & Stein, M. K. (2012). *Integrating STEM components into your gifted program: Creating an investigative classroom culture*. National Association for Gifted Children (NAGC), Denver, CO.
41. Dailey, D., Cotabish, A., & Jamsren, M. (2012). *Thinking STEM? Start early!* National Association for Gifted Children (NAGC), Denver, CO.
40. Cotabish, A., Warne, R., Rambo, K., & Miller, R. (2012). *R & E 2012 dissertation winners present their research* (Panel Presider). National Association for Gifted Children (NAGC), Denver, CO.
39. Cotabish, A. (2012, April). *Advanced curriculum and classroom practice effects on learners and teachers*. Session chair at the Annual Meeting of the American Education Research Association (AERA), Vancouver, BC.
38. Cotabish, A., & Duyar, I (2012, April). *The effects of peer coaching on the evaluation knowledge, skills, and concerns of elementary program administrators*. Annual meeting of the American Education Research Association (AERA), Vancouver, BC.
37. Dailey, D., Cotabish, A., Robinson, A., & Hughes, G. (2012, April). *Interim effects of implementing a STEM initiative on elementary teacher perceptions and concerns about science teaching and learning*. Annual meeting of the American Education Research Association (AERA), Vancouver, BC.
36. Duyar, I., Normore, A. H., Robinson, A., Pearson, C., & Cotabish, A. (2012, April). *What do we know about performance and future career aspirations of assistant principals?* Annual meeting of the American Education Research Association (AERA), Vancouver, BC.
35. Duyar, I., Pearson, C., Cotabish, A., & Ras, N. L. (2012, April). *Looking at the big picture by examining structural relationship mechanisms among principal leadership, teacher self-efficacy, and collective efficacy*. Annual meeting of the Education Research Association (AERA), Vancouver, BC.
34. Cotabish, A. & Dailey, D. (2011, November). *STEM Starters Toolbox: Nuts, bolts, and tools for elementary gifted teachers*. Annual conference of the National Association for Gifted Children (NAGC), New Orleans, LA.
33. Robinson, A., Cotabish, A., Dailey, D., & Hughes, G (2011, November). *The effects of a STEM project on teachers' science process skills and science content knowledge*. Annual conference of the National Association for Gifted Children (NAGC), New Orleans, LA.

32. Dailey, D., Cotabish, A., Robinson, A., & Hughes, G. (2011, November). *Elementary teacher perceptions and concerns about science teaching and learning*. Annual conference of the National Association for Gifted Children (NAGC), New Orleans, LA.
31. Dailey, D., Cotabish, A., & Nail, K. (2011, November), *Using peer coaching as a form of professional development: The catalyst for change*. Annual conference of the National Association for Gifted Children (NAGC), New Orleans, LA.
30. Dailey, D., Cotabish, A., Robinson, A., & Hughes, G. (2011, April). *Interim effects of implementing a STEM initiative on elementary teacher perceptions and concerns about science teaching and learning*. Annual meeting of the American Education Research Association (AERA). New Orleans, LA.
29. Cotabish, A., Dailey, D., Shook, B., Stidham, L., & MacFarlane B. (2010, November). *Building and evaluating a STEM pipeline: Preliminary insights from Project STEM starters*. Annual conference of the National Association for Gifted Children (NAGC), Atlanta, GA.
28. Cotabish, A., Robinson, A., MacFarlane, B., & Wood, B. (2010, November). *Implementation of a gifted education STEM project: Teachers' initial perceptions, instructional behaviors, and knowledge of science content*. Annual conference of the National Association for Gifted Children (NAGC), Atlanta, GA.
27. Robinson, A., Cotabish, A., Vaughn-Neely, E., & McNeill, M.L. (2010, November). *Program evaluation and your gifted services: Resources, strategies and tools you can use* (Pre-conference Board Institute). Annual conference of the National Association for Gifted Children (NAGC), Atlanta, GA.
26. Lord, E. W., & Cotabish, A. (2010, November). *Using the national gifted teacher preparation standards and NAGC Program Standards to inform program practice*. Annual conference of the National Association for Gifted Children (NAGC), Atlanta, GA.
25. Cotabish, A., Robinson, A., MacFarlane, B., & Wood, B. (2010, April). *Implementation of a gifted education STEM project: Teachers' initial perceptions, instructional behaviors, and knowledge of science content*. Annual meeting of the American Education Research Association (AERA), Denver, CO.
24. Robinson A., & Cotabish, A. (2009, November). *Lively instruction for talented learners: in the classroom*. Annual conference of the National Association for Gifted Children (NAGC), St. Louis, MO. Pre-conference Board Institute.
23. Cotabish, A., Dailey, D., & Shook, B. (2009, November). *Resources for STEM curriculum: Building services for gifted learners in elementary schools*. Annual conference of the National Association for Gifted Children (NAGC), St. Louis,

MO. Selected as a Signature Series Session and as a virtual conference presentation.

22. Robinson, A., & Cotabish A. (2009, August). *Resources for STEM Curriculum: Building services for gifted learners in elementary schools*. World Council for Gifted and Talented (WCGT), Vancouver, BC, Canada.
21. Robinson, A., & Cotabish, A. (2008, November). *Making gifted program evaluation possible and affordable: Peer team power!* Annual conference of the National Association for Gifted Children (NAGC), Tampa, FL.
20. Robinson, A., & Cotabish, A. (2008, July). *Accessing professional development: What does it take to support a successful AP/Pre-AP teacher?* College Board Advanced Placement National Conference, Seattle, WA.
19. Robinson, A., Cotabish, A., Bryant, L., Pearson, L. C., & Duyar, I. (2008, April). *Implementing a team model in a statewide gifted program evaluation initiative*. Annual meeting of the American Education Research Association (AERA), New York, NY.
18. Cotabish, A., Robinson, A., & Duyar, I. (2007, November). *The effects of peer coaching on the evaluation knowledge, skills, and concerns of GT administrators*. Annual conference of the National Association for Gifted Children (NAGC), Minneapolis, MN.
17. Robinson, A., Cotabish, A., Wood, B., & O'Tuel, F. (2007, November). *Putting the Arkansas Evaluation Initiative Javits project into practice*. Annual conference of the National Association for Gifted Children (NAGC). Minneapolis, MN.
16. Cotabish, A., & Robinson, A. (2007, August). *The effects of peer coaching on the evaluation knowledge, skills and concerns of gifted program administrators*. World Council for Gifted and Talented (WCGT), University of Warwick (Coventry), England.
15. Cotabish, A., & Robinson, A. (2007, May). *The effects of peer coaching on the evaluation knowledge, skills and concerns of gifted program administrators*. Annual meeting of the American Education Research Association (AERA), Chicago, IL.
14. Cotabish, A. (2007, April). *Factors that Influence the Behavior and Personality of Gifted Students*. Session chair at the Annual meeting of the American Education Research Association (AERA), Chicago, IL.
13. Cotabish, A. (2006, November). *The effects of peer coaching on the evaluation knowledge, skills, and concerns of gifted program administrators*. Annual conference of the National Association for Gifted Children (NAGC), Charlotte, NC.

12. Robinson, A., Cotabish, A., Wood, B., O'Tuel, F., & Dragland, A. (2006, November). *The effects of a statewide evaluation initiative on gifted educators' knowledge and concerns*. Annual conference for the National Association for Gifted Children (NAGC), Charlotte, NC.
11. Cotabish, A., Anthony, T., & Bryant, L. (2006, November). *Breaking the trends in gifted programs: A practitioner's guide to increasing special populations in G/T*. Poster session presented at the annual conference for the National Association for Gifted Children (NAGC), Charlotte, NC.
10. Robinson, A., Cotabish, A., O'Tuel, F., Wood, B., & Pearson, L. (2006, April). *The effects of a statewide evaluation initiative in gifted education on practitioner knowledge and skills*. Annual meeting of the American Educational Research Association (AERA), San Francisco, CA.
9. Cotabish, A. (2005, November). *Administrator's guide to growing small district G/T programs*. Annual conference for the National Association for Gifted Children (NAGC), Louisville, KY.
8. Cotabish, A. & Deitz, C. (2005, November). *Creating award-winning curriculum for talented learners*. Annual conference for the National Association for Gifted Children (NAGC), Louisville, KY.
7. Robinson, A., Biggers, A., Cotabish, A., & O'Tuel, F. (2005, November). *Program evaluation through professional development: Tales, tools, and tactics*. Annual conference for the National Association for Gifted Children (NAGC), Louisville, KY.
6. Robinson, A., & Cotabish, A. (2005, November). *Blueprints for biography: Differentiate the curriculum for high-ability learners*. Board Institutes presentation at the annual conference for the National Association for Gifted Children (NAGC), Louisville, KY.
5. Robinson, A., Cotabish, A., O'Tuel, F., & Wood, B. (2005, April). *Developing a statewide initiative in gifted education*. Annual meeting of the American Educational Research Association (AERA), Montreal, Canada.
4. Cotabish, A. & Deitz, C. (2004, November). *NBPTS: Raising the bar for gifted educators*. Annual conference for the National Association for Gifted Children (NAGC), Salt Lake City, UT.
3. Robinson, A., Biggers, A., Cotabish, A., & O'Tuel, F. (2004, November). *Evaluating local programs: Moving gifted education forward*. Annual conference for the National Association for Gifted Children (NAGC), Salt Lake City, UT.
2. Robinson, A., Cotabish, A., Kidd, K., & Wright, M. (2004, November). *Blueprints for*

Biography: Differentiate your curriculum for advanced readers. Annual conference for the National Association for Gifted Children (NAGC), Salt Lake City, UT.

1. Robinson, A., Cotabish, A., & Wright, M. (2003, November). *Extend your curriculum unit with biography!* Annual conference of the National Association for Gifted Children (NAGC), Indianapolis, IN.

INVITED NATIONAL WEBINAR PRESENTATIONS:

11. Dailey, D. & Cotabish, A. (2021, June 22-23). *Using the NAGC Pre-K-Grade 12 Gifted Programming Standards to Improve Gifted Programs, Services, and Classroom Practice.* Presented on behalf of the National Association for Gifted Children.
10. Cotabish A., Dailey, D., Johnsen, S., Corwith, S., Lee, C.W., Gibault, K. (2020, April). *Gifted Education Programming: Standards: The Past, Present, and Future [Webinar].* In *National Association for Gifted Children Webinar Series.*
9. Cotabish, A (2019). *Implementing the NAGC Pre-K-Grade 12 Gifted Programming Standards: Strategies and Resources [Webinar].* In *Rutgers University Gifted Education Webinar Series.*
8. Cotabish, A. (2019) *Low-income, cultural diversity issues, and the brain in high achievement [Webinar].* In *Rutgers University Gifted Education Webinar Series.*
7. Cotabish, A. (2019). *Parenting a gifted child: Parent school partnerships [Webinar].* In *Rutgers University Gifted Education Webinar Series.*
6. Cotabish, A., & Dailey, D. (2016, March). *Using the NAGC Pre-K-Grade 12 programming standards self-study checklist for teachers of the gifted and program coordinators.* Invited professional development webinar conducted for the National Association for Gifted Children (NAGC).
5. Cotabish, A. (2015, November 4). *Using the NAGC Pre-K-Grade 12 Gifted Programming Standards Self-Study Checklists for Teachers of the Gifted and Program Coordinators.* Invited webinar conducted for Rutgers University.
4. Adams, C., & Cotabish, A. (2013, October 23). *Differentiating the Next Generation Science Standards for Gifted and Advanced Learners.* Invited professional development webinar conducted for the National Association for Gifted Children (NAGC).
3. Cotabish, A., & MacFarlane, B. (2013, February 27). *Implementing the Common Core State Standards with various program models in gifted education.* Invited professional development webinar conducted for the National Association for Gifted Children (NAGC).

2. Cotabish, A., & Krisel, S. (2011, February 22). *Developing district action plans*. NAGC Pre-K- Grade 12 Program Standards. Invited professional development webinar conducted for National Association for Gifted Children (NAGC).
1. Robinson, A., & Cotabish, A. (2009, December 9). *Program evaluation: Collecting the right data*. Invited professional development webinar conducted for the National Association for Gifted Children (NAGC).

REFEREED REGIONAL PRESENTATIONS:

18. Marshall, L., Cotabish, A., & Dailey, D. (2022). *Pre- and Post-COVID-19 Impact on Marginalized High-Potential K12 Learners and their Teachers*. Research paper presented to the Annual Conference of the Mid-south Education Research Association, Little Rock, AR.
17. Dailey, D., Buchanan, M., Trumble, J., & Cotabish, A. (2020). *Developing Engineering Design Skills in a Children's Summer Camp*. Research paper presented to the Annual conference of the Mid-south Education Research Association, Virtual Conference.
16. Hughes, G., Hall, T., & Cotabish A. (2018). *STEM Recruitment: Scholarships, Internships, and Clinical Experiences*. Poster session presented to the Annual Conference of the Mid-south Education Research Association, Pensacola, FL.
15. Benson, T., Cotabish, A., Wake, D., & Dailey, D. (2016). *Improving Teacher Candidates' Performance with Innovative Virtual Coaching*. Research paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
14. Hughes, G., Hall, T., Chaney, K., Leiterman, S., & Cotabish, A. (2016). *Less is More: Increasing the Quantity and Quality of STEM Teachers*. Research paper presented to the Annual Conference of the Mid-south Education Research Association, Lafayette, LA.
13. Trumble, J., Cotabish, A., & Dailey, D. (2015). *Nontraditional Teacher Candidates' Perceptions and Utilization of Educational Research Methodology*. Paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
12. Dailey, D., Cotabish, A., & Jackson, N. (2015). *STEMulate engineering academy: Impact on students' science and engineering knowledge*. Paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.
11. Dailey, D., Cotabish, A., Miller, R., & Buchanan, M. (2015). *Teachers'*

professional development in a children's engineering camp. Paper presented to the Annual conference of the Mid-south Education Research Association, Lafayette, LA.

10. Dailey, D., Bunn, G., & Cotabish, A. (2014). *Answering the call to improve STEM education*. Paper submitted to the Annual Meeting of the American Education Research Association. Paper presented at the Annual conference of the Mid-south Education Research Association, Knoxville, TN.
9. Dailey, D., Gallavan, N., Cotabish, A., & Thompson, A. (2014). *Using formative assessment to provide differentiated learning opportunities: Mentor teachers' beliefs and practices*. Paper presented at the 2014 Mid-south Educational Research Association in Knoxville, TN.
8. Cotabish, A., Benson, T., & Wake, D. (2014). *Virtual Bugs: The Effects of Teacher Candidates' Perceptions and Concerns Regarding Virtual On-demand Corrective Feedback*. Paper presented at the 2014 Mid-south Educational Research Association in Knoxville, TN.
7. Cotabish, A., Hughes, G., Williams, C., & Wake, D. (2014). *A perceptual assessment of non-traditional STEM teacher candidates: A university partnership for transition to teaching*. Paper presented at the 2014 Mid-south Educational Research Association in Knoxville, TN.
6. Dailey, D., Robinson, A., & Hughes, G., & Cotabish, A. (2013). *The effects of a STEM professional development intervention on elementary teachers*. Annual conference of the Mid-south Education Research Association (MSERA), Pensacola Beach, FL.
7. Williams, C., Cotabish, A., & Hughes, G. (2013). *Personable and academic performance of nontraditional STEM+ teachers*. Annual conference of the Mid-south Education Research Association (MSERA), Pensacola Beach, FL.
4. Benson, T., & Cotabish, A. (2013). *The interim effects of virtual peer coaching on the instructional behaviors of pre-service teacher candidates*. Annual conference of the Mid-south Education Research Association (MSERA), Pensacola Beach, FL.
3. Cotabish, A. (2012). *The effects of a STEM professional development intervention on elementary teachers' science process skills*. Southeastern Regional Association of Teacher Educators (SRATE), Little Rock, AR.
2. Robinson, A., Cotabish, A., & Dailey, D. (2012, February). *Thinking STEM? Start early*. College Board Southwest Regional Forum, Little Rock, AR.
1. Cotabish, A., Hughes, G., Robinson, A., & Dailey, D. (2011, November). *The effects of a*

gifted education STEM project on elementary teachers' science process skills.
Annual conference of the Mid-south Education Research Association (MSERA),
Oxford, MS.

REFEREED STATE PRESENTATIONS:

44. White, J., & Cotabish, A. (2026). *GT & AI. Pathway to Policy.* Arkansans for Gifted and Talented Education, Rogers, AR.
43. Jackson, N., Dailey, D., Miller, R., Cotabish, A., Miller, K. (2024, February). *AI: Classroom Game Changer.* Arkansans for Gifted and Talented Education, Hot Springs, AR.
42. Dailey, D. & Cotabish, A. (2023, February). *Using Ongoing Assessment for Student Learning Progress and Outcomes.* Arkansans for Gifted and Talented Education, Little Rock, AR.
41. Cotabish, A., Dailey, D., Jackson, N., & Miller, R. (2022, February). *Refrigerator Science.* AGATE Family Engagement Day presented on behalf of Arkansans for Gifted and Talented Education, Rogers, AR.
40. Dailey, D., & Cotabish, A. (2021, February). *Review of the New Pre-K-12 Gifted Programming Standards.* Arkansans for Gifted and Talented Education, Virtual Conference.
39. Cotabish, A. (2020, February). *Rich Kid, Poor Kid: Poverty and the High Achieving Brain.* Arkansans for Gifted and Talented Education Association, Hot Springs, AR.
38. Cotabish, A., & Dailey, D. (2019). *Revisiting and Revising the National Gifted Program Standards.* Arkansans for Gifted and Talented Education, Little Rock, AR.
37. Dailey, D., Trumble, J., & Cotabish, A. (2018, March). *STEMulate Engineering: Engaging students with engineering.* ARACTE, Conway, AR.
36. Jackson, N., Miller, R., Dailey, D., Cotabish, A., Trumble, J. (2018, March). *MacGyver It!* Annual Conference of Arkansans for Gifted and Talented Education. Rogers, AR
35. Wake, D., Cotabish, A., Dailey, D., & Benson, T. (2017, June). *Peer coaching through BIE.* Hot Springs Technology Institute. Hot Springs, AR
34. Buchanan, M., Cotabish, A., Dailey, D., Miller, R., & Trumble, J. (2017, March). *Engaging advanced learners in STEM content.* Annual Conference of Arkansans for Gifted and Talented Education. Little Rock, AR
33. Dailey, D., Cotabish, A., Buchanan, M., Trumble, J., & Miller, R. (2017, March).

- Engineering instruction for high-ability learners in K-8 classrooms.* Annual Conference of Arkansans for Gifted and Talented Education. Little Rock, AR
32. Jackson, N., Miller, R., Dailey, D., & Cotabish, A., (2017, March). *Creativity overload.* Annual Conference of Arkansans for Gifted and Talented Education. Little Rock, AR
31. Dailey, D. & Cotabish, A. (2017, January). *Put a little STEM in your classroom.* Success of Students (SOS) Symposium. Conway, AR.
30. Cotabish, A. & Dailey, D. (2016, November). *Designing innovative engineering instruction for high-ability learners in Grades K–4.* Preconference at Texas Association of Gifted and Talented. Dallas, TX.
29. Dailey, D. & Cotabish, A. (2016, November). *Designing innovative engineering instruction for high-ability learners in Grades 5–8.* Preconference at Texas Association of Gifted and Talented. Dallas, TX.
28. Cotabish, A., & Dailey, D. (2016, February). *Self-study checklist for teachers of the gifted and program coordinators.* Annual Conference of Arkansans for Gifted and Talented Education. Hot Springs, AR.
27. Dailey, D., Cotabish, A., Buchanan, M., Jackson, N., Miller, R. (2016, February). *Fairy tales and engineering.* Annual Conference of Arkansans for Gifted and Talented Education. Hot Springs, AR.
26. Cotabish, A., & Dailey, D. (2015). *Differentiating Problem-based and Project-based Learning.* Annual conference for the Arkansans for Gifted and Talented Education, Little Rock, AR.
25. Dailey, D., & Cotabish, A. (2015). *Using engineering practices to encourage innovation.* Annual conference for the Arkansans for Gifted and Talented Education, Little Rock, AR.
24. Benson, T., & Cotabish, A. (2014) *Bazinga: Bug-In-Ear Benefits to Teacher Education.* Annual conference of the Arkansas of Colleges for Teacher Education (ArACTE), Little Rock, AR.
23. Cotabish, A. (2014). *A differentiated approach to the Next Generation Science Standards.* Annual conference for the Arkansans for Gifted and Talented Education, Hot Springs, AR.
22. Benson, T., & Cotabish, A. (2013). *Virtual peer coaching.* Annual Conference of Schools Without Walls, Hot Springs, AR.

21. Cotabish, A., Bunn, G., Alumbaugh, A. & Dailey, D. (2013). *A differentiated approach to addressing the CCSS (Math) and NGSS*. Arkansas Curriculum Conference, Little Rock, AR.
20. Miller, R., Cotabish, A., & Dailey, D. (2013). *Gaining STEAM with STEM*. Arkansas Curriculum Conference, Little Rock, AR.
19. Cotabish, A., Bunn, G., & Alumbaugh, A. (2013, February). *Modifying the Common Core Mathematics Standards for high-ability learners*. Annual conference for the Arkansans for Gifted and Talented Education, Little Rock, AR.
18. Cotabish, A., & Dailey, D. (2012, February). *Using peer coaching as a form of professional development*. Annual conference for Arkansans for Gifted Talented Education, Little Rock, AR.
17. Cotabish, A., & Vaughn-Neely, E. (2011, February). *Using the national gifted teacher preparation standards and NAGC Program Standards to inform program practice*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
16. Cotabish, A., Daily, D., McNeill, M.L., Algood, T., & Norberg, C. (2011, February). *Addressing the T in STEM: Using technology to promote science in the classroom*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
15. Cotabish, A., Dailey, D., & McNeill, M.L. (2010, February). *Project STEM Starters: Cultivating science programs in elementary grades*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
14. Robinson, A., Cotabish, A., Gilliam, S., & Miller, R. (2009, February). *Resources for STEM curriculum: Building services for gifted learners*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
13. Cotabish, A., & Miller, R. (2009, February). *Alternative assessments: An approach for increasing diversity in gifted programs*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
12. Robinson, A., & Cotabish, A. (2007, February). *Putting the AEI Javits project into practice*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
11. Cotabish, A., Anthony, T., & Bryant, L. (2007, February). *Breaking the trends in gifted programs: A practitioner's guide to increasing special populations in G/T*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.

10. Cotabish, A., Scheel, J., Rogers, T., & Bryant, L. (2007, February). *AEI Javits mid-sized school program evaluation and identification panel discussion*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
9. Cotabish, A. (2007, February). *Ethnic and cultural issues in high achievement*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
8. Cotabish, A., Nail, K., & Hesse, P. (2007, February). *AEI Javits small school program evaluation and identification panel discussion*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
7. Hendricks, D., Anthony, T., Prichard, B., & Cotabish, A. (2007, February). *AGATE pre-conference legislative session*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
6. Cotabish, A. (2006, September). *Constructing administrative policies for gifted programs*. Annual fall conference for Arkansas Association for Gifted Education Administrators, Little Rock, AR.
5. Cotabish, A. (2006, February). *An administrator's guide to growing small district G/T programs: A tactical pursuit to build support from the inside out*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
4. Robinson, A., Cotabish, A., Tarkington, K., & Womack, J. (2005, February). *Blueprints for biography: The sequel*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
3. Cotabish, A. & Deitz, C. (2005, February). *Create an award-winning curriculum for talented learners*. Annual conference for Arkansans for Gifted and Talented Education, Little Rock, AR.
2. Cotabish, A. (2004, February). *A holistic approach to evaluating a small district GT program*. Annual conference for Arkansans for Gifted and Talented Education, Hot Springs, AR.
1. Robinson, A., Cotabish, A., & Wright, M. (2004, February). *Blueprints for biography: Differentiate your curriculum for advanced readers*. Annual conference for Arkansans for Gifted and Talented Education, Hot Springs, AR.

INVITED PRESENTATIONS (Universities / State Organizations)

39. Cotabish, A. (2026, March). *Beyond the Baking Soda Volcano: Radical Curiosity and Innovative Lab Design for High-Ability Learners*. University of Connecticut, Renzulli Center (virtual) CONFRATUTE. Storrs, CT.
38. Cotabish, A. (2021, July). Overlooked gems: Identifying underrepresented and promising learners for high achievement. University of Central Arkansas Summer Learning Series. Conway, AR.
37. Cotabish, A. (2019, November). *Parenting and Teaching for High Potential*. Rutgers University Gifted and Talented Education Conference. New Brunswick, NJ.
36. Cotabish, A. (2019, November). *Rich Kid, Poor Kid: Poverty and the High Achieving Brain*. Rutgers University Gifted and Talented Education Conference. New Brunswick, NJ.
35. Cotabish, A. (2019, February). *Parenting a Gifted child: parent/school Partnership*. Utah Association of Gifted Children. Salt Lake City, UT.
34. Cotabish, A. (2019, February). *Implementing Project/Problem-Based Learning Activities with K.8 High Ability Learners*. Utah Association of Gifted Children. Salt Lake City, UT.
33. Cotabish, A. (2019, February). *Utilizing K-12 Engineering Activities to Promote Interdisciplinary Understanding of Science*. Utah Association of Gifted Children. Salt Lake City, UT.
32. Cotabish, A. (2018, November). *Utilizing K-12 Engineering Activities to Promote Interdisciplinary Understanding of Science, Technology, and Mathematics*. Rutgers University Gifted and Talented Education Conference. New Brunswick, NJ.
31. Cotabish, A. (2018, November). *Getting Social in Science: Utilizing Virtual Reality, Go Pros, and Social Media with High Ability Science Learners*. Rutgers University Gifted and Talented Education Conference. New Brunswick, NJ.
30. Cotabish, A. & Dailey, D. (2016, November). *Designing innovative engineering instruction for high-ability learners in Grades K–4*. Preconference at Texas Association for the Gifted and Talented. Dallas, TX.
29. Dailey, D. & Cotabish, A. (2016, November). *Designing innovative engineering instruction for high-ability learners in Grades 5–8*. Preconference at Texas Association for the Gifted and Talented. Dallas, TX.
28. Cotabish, A. (2015, November). *Problem- and project-based learning for high-ability*

learners. Rutgers University Gifted and Talented Education Conference. New Brunswick, NJ.

27. Cotabish, A. (2015, November). *Differentiating the Next Generation Science Standards*. Rutgers University Gifted and Talented Education Conference. New Brunswick, NJ.
26. Cotabish, A. (2015, March). *Research Design and Conceptualization*. Dean's Research Cracker Barrel, University of Central Arkansas College of Education, Conway, AR.
25. Cotabish, A. (2015, March). *Research Building Strategies*. Dean's Research Cracker Barrel, University of Central Arkansas College of Education, Conway, AR.
24. Cotabish, A., & Dailey, D. (2014, September). *Problem and Project-based Learning for Advanced Science Learners*. Annual fall conference of the Arkansas Association for Gifted Education Administrators, Little Rock, AR.
23. Cotabish, A., & Adams, C. (2014, September). *Using the Next Generation Science Standards with advanced and diverse gifted learners*. Council for Exceptional Children (CEC)-The Association of the Gifted (TAG). Western Kentucky University, Bowling Green, KY.
22. Cotabish, A. (2011, September). *Google apps for educators*. Annual fall conference of the Arkansas Association for Gifted Education Administrators, Little Rock, AR.
21. Cotabish, A. (2011, September). *Program evaluation toolbox*. Annual fall conference of the Arkansas Association for Gifted Education Administrators, Little Rock, AR.
20. Cotabish, A., Dailey, D., McNeill, M.L., Conley, J., & Tarkington, K. (2010, September). *Project STEM Starters: Cultivating GT science programs in elementary grades*. Annual fall conference of the Arkansas Association for Gifted Education Administrators, Little Rock, AR.
19. Cotabish, A., & Vaughn-Neely, E. (2010, September). *A new face: The revised NAGC Pre-K- Grade 12 Gifted Program Standards*. Annual fall conference of the Arkansas Association for Gifted Education Administrators, Little Rock, AR.
18. Cotabish, D., & Dailey, D. (2010, November). *Developing STEM talent in the elementary grades*. Annual conference of the Arkansas Education Association, Little Rock, AR.
17. Cotabish, A. (2010, September). *Learning options for high-ability students*. Presentation to the Conway School District AGATE Affiliate Parent Group, Conway, AR.

16. Cotabish, A. (2010, August). *A revision of the NAGC Pre-K-12 Gifted Program Standards*. Arkansans for Gifted and Talented Education (AGATE) Board Retreat, Russellville, AR.
15. Cotabish, A. (2010, May). *Duke University TIP Talent Search Scholars Day*. Presentation to parents attending the Duke University Talent Identification Program Ceremony, University of Arkansas at Little Rock.
14. Cotabish, A., & Dailey, D. (2009, September). *Resources for STEM Curriculum: Building for gifted learners in elementary schools*. Annual fall conference of the Arkansas Association for Gifted Education Administrators, Little Rock, AR.
13. Robinson, A., & Cotabish, A. (2007, September). *Implementing program evaluation through the AEI Javits: Promising practices*. Annual fall conference for the Arkansas Association for Gifted Education Administrators, Little Rock, AR.
12. Robinson, A., & Cotabish, A. (2006, September). *Putting the AEI Javits project into practice*. Annual fall conference for Arkansas Association for Education Administrators, Little Rock, AR.
11. Cotabish, A. (2006, August). *Ethnic and cultural issues in high achievement*. Annual summer conference for the Arkansas Association of Education Administrators, Little Rock, AR.
10. Cotabish, A. (2005, October). *An administrator's guide to growing small District G/T programs: A tactical pursuit to build support from the inside out*. Annual fall conference for Arkansans for Gifted and Talented Education Association, Little Rock, AR.
9. Cotabish, A. (2005, March). *The finishing touches of the National Board process*. Presentation to new National Board candidates, University of Arkansas at Little Rock.
8. Cotabish, A. (2005, March). *Differentiated instruction: Principles, elements, and tactical solutions*. Presentation to graduate students in PSYC 7330, Graduate Seminar: Advanced Professional Issues. University of Arkansas at Little Rock.
7. Cotabish, A. (2005, February). *Create award-winning curriculum for talented learners*. Presentation to graduate students in GATE 7357, Curriculum & Instruction in Gifted Education, University of Arkansas at Little Rock.
6. Cotabish, A. (2005, January). *Starting the NBPTS process: What to expect and how to prepare*. Presentation to new National Board candidates, University of Arkansas at Little Rock.
5. Cotabish, A., & Deitz, C. (2004, October). *NBPTS: Raising the bar for gifted educators*.

Annual Arkansans for Gifted and Talented Education's Northwest Arkansas Regional GT Administrator and Teacher Conference, Springdale, AR.

2. Cotabish, A. (2004, March). *A holistic approach to evaluating a small district GT program*. Presentation to GT teachers, Arch Ford Educational Cooperative, Plumerville, AR.
3. Cotabish, A., & Wright, M. (2003, September). *Extend your curriculum unit with biography!* Presentation to graduate students in Curriculum and Instruction in Gifted Education, University of Arkansas at Little Rock, Little Rock, AR.
2. Cotabish, A., Glickert, L., & Vanderspikken, J. (2003, September) *Evaluating gifted programs in Arkansas*. Annual fall conference for Arkansas Association of Gifted Education, Little Rock, AR.
1. Cotabish, A., & Vai, N. (2003, March). *A compilation of Marilyn Burns' Math Solutions techniques*. One-day workshop presented to teachers, Arch Ford Educational Cooperative, Plumerville, AR.

WORKSHOP PRESENTATIONS

41. Cotabish, A. (2025). *Dissertation Boot Camp: Strategies for Scholarly Publication in the Social Sciences*. UCA Change Leadership PhD Dissertation Boot Camp.
40. Cotabish, A. (2025). *Dissertation Boot Camp: Starting the Dissertation Journey*. UCA Change Leadership PhD Dissertation Boot Camp.
39. Cotabish, A. (2025). *Dissertation Boot Camp: Starting the Dissertation Journey*. UCA Change Leadership PhD Dissertation Boot Camp.
38. Cotabish, A. (2023). *Identifying and Serving Underrepresented Groups in Gifted Education*. Half-day workshop delivered to Conway Public Schools. Conway, AR
37. Cotabish, A. (2017, June). *Human Growth and Development*. One-day workshop delivered on behalf of the Arkansas Department of Education (APPEL) Non-traditional teacher licensure program. Hope, AR.
36. Cotabish, A. (2014, June). *Extending thinking (Gifted Learners)*. One-day workshop delivered on behalf of the Arkansas Department of Education (APPEL) to Non-traditional licensure program. Conway, AR.
35. Cotabish, A. (2014, June). *Brain power: Teaching with the brain in mind*. One-day workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. Conway, AR.
34. Cotabish, A. (2013, November). *The next generation elementary science classroom*. Workshop delivered to the faculty of Forest Park Elementary School – Little Rock School District.
33. Cotabish, A. (2013, November) *Value-added teaching in higher education*. Workshop delivered to University of Arkansas Community College at Morrilton Faculty.
32. Cotabish, A. (2013, August) *Classroom management in higher education*. Workshop delivered to University of Arkansas Community College at Morrilton Faculty. UACCM: Morrilton, AR.

31. Cotabish, A. (2013, August 12). *The differentiated elementary classroom*. Workshop delivered to the faculty of Forest Park Elementary School – LRSD.
30. Cotabish, A. (2013). *Teaching with poverty in mind*. One-day workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. Conway, AR.
29. Cotabish, A. (2013). *Extending thinking (Gifted Learners)*. One-day workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. Conway, AR.
28. Cotabish, A. (2013). *Brain power: Teaching with the brain in mind*. One-day workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. Conway, AR.
27. Cotabish, A. (2013). *The differentiated classroom*. One-day workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. Conway, AR.
26. Cotabish, A. (2011). *Brain power: Teaching with the brain in mind*. Workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. Pulaski Technical School: Little Rock AR.
25. Cotabish, A. (2011). *The differentiated classroom*. Workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. Pulaski Technical School: Little Rock AR.
24. Dailey, D., & Cotabish, A. (2011, August). *STEM Starters Technology Institute*. Two-day technology workshop focused on integrating iPad2, GPS receivers, and a digital camera in the classroom. UALR: Little Rock, AR.
23. Cotabish, A., & Dailey, D. (2011, July). *STEM Starters Technology Institute*. Two-day technology workshop focused on integrating iPad2, GPS receivers, and digital cameras in the classroom. UALR: Little Rock, AR.
22. Dailey, D., & Cotabish, A. (2011, July). *Project STEM Starters Institute*. Three-day Teacher Institute focused on implementing Project STEM Starters at the elementary grades. Professional development provided to the Beebe & south Conway County Public School Districts. UALR: Little Rock, AR.
21. Cotabish, A., & Dailey, D. (2011, June). *Project STEM Starters Institute*. Three-day Teacher Institute focused on implementing Project STEM Starters at the elementary grades. Professional development provided to the Beebe & South Conway County Public School Districts. UALR: Little Rock, AR.
20. Cotabish, A. (2010). *The differentiated classroom*. Two-day workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. SW Educational Cooperative: Hope, AR.
19. Cotabish, A. (2010). *Low-income and cultural diversity issues in high achievement*. One-day workshop for Beebe Public Schools. Beebe, AR,
18. Cotabish, A. (2010). *Low-income and cultural diversity issues in high achievement*. One-day workshop for South Conway County Schools District. Morrilton, AR.
17. Cotabish, A., & Dailey, D. (2010, June). *Project STEM Starters – Year 2 Institute Five-Day Teacher Institute*. Professional development focused on implementing Project STEM Starters' curriculum and differentiated instruction at the elementary grades. Training provided to the Beebe and South Conway County School District STEM Starter participants. UALR: Little Rock.

16. Dailey, D. & Cotabish, A. (2010, July). *Project STEM Starters – Year 2 Institute Five-Day Teacher Institute*. Professional development focused on implementing Project STEM Starters’ curriculum and differentiated instruction at the elementary grades. Training provided to the Beebe and South Conway County School District STEM Starter participants. UALR: Little Rock.
15. Dailey, D. & Cotabish, A. (2009). *Project STEM Starters Teams*. Two-day professional development workshop focused on evaluating STEM programs at the elementary grades. UALR: Little Rock, AR
14. Cotabish, A. (2009). *Differentiated instruction*. Two after-school workshop presentations to Sherwood Elementary Grade K-5 teachers. Pulaski County Special School District: Sherwood, AR.
13. Cotabish, A. (2009). *The differentiated classroom*. Two-day workshop delivered on behalf of the Arkansas Department of Education to Non-traditional Licensure Program participants. SW Educational Cooperative: Hope, AR.
12. Cotabish, A., & Dailey, D. (2009, June). *Project STEM Starters – Year 1 Institute*. Five-day Teacher Institute focused on implementing Project STEM Starters’ curriculum and differentiated instruction at the elementary grades. Professional development provided to the Beebe and the South Conway County School District STEM Starter participants. UALR: Little Rock, AR.
11. Dailey, D. & Cotabish, A. (2009, July). *Project STEM Starters – Year 1 Institute*. Five-day Teacher Institute focused on implementing Project STEM Starters’ curriculum and differentiated instruction at the elementary grades. Professional development provided to the Beebe and the South Conway County School District STEM Starter participants. UALR: Little Rock, AR.
10. Cotabish, A. (2008, March). *Enhancing your instructional skills through differentiation*. After-school workshop presented to faculty of Hall High School, Little Rock School District. Little Rock, AR.
9. Cotabish, A., & Robinson, A. (2007). *Arkansas Evaluation Initiative Teams Training, Part III*. Two-day workshop focused on program evaluation training for AEI Team members. UALR: Little Rock, AR.
8. Robinson, A., & Cotabish, A. (2006). *Arkansas Evaluation Initiative Teams Training, Part II*. Two-day workshop focused on program evaluation training for AEI Team members. UALR: Little Rock, AR.
7. Cotabish, A. (2006, August). *Ethnic and cultural issues in high achievement*. Professional development session presented to gifted education teachers, Pulaski County Special School District, Little Rock, AR.
6. Cotabish, A. (2006, June). *Developing and implementing program evaluation*. One-day professional development workshop developed and presented to gifted education teachers, Arkansas for Gifted Education Association Workshop, Southeast Educational Co-operative, Monticello, AR.
5. Robinson, A., & Cotabish, A. (2005). *Arkansas Evaluation Initiative Teams Training, Part I*. Two-day workshop focused on program evaluation training for AEI Team members. UALR: Little Rock, AR.
4. Cotabish, A. (2004, November). *Profiles and differentiation for the gifted and talented*. One-day workshop presented to teachers, administrators, and staff, East End School District, Bigelow, AR.

3. Cotabish, A. (2003, September). *What is an adequate education in Arkansas? A review of the Arkansas Joint Committee recommendations*. Half-day workshop presented to teachers, administrators, and staff, East End School District, Bigelow, AR.
2. Cotabish, A. (1999). *Professional portfolios and technology integration – Part II*. After School workshop presented to teachers, and staff, Pleasant Grove School District: Texarkana, TX.
1. Cotabish, A. (1999). *Professional portfolios and technology integration – Part I*. After school workshop presented to teachers, and staff, Pleasant Grove School District: Texarkana, TX.

CONSULTING SERVICES

PEER COACHING SERVICES:

Provided one-to-one peer coaching (focused on program evaluation) to the following Arkansas school districts and their gifted program coordinators:

Cross County	Nevada	Shirley	Mayflower	Manila
Mountain View	Hazen	Alpena	Smackover	Dollarway
Fountain Lake	Blevins	Horatio	Locksburg	Weiner
Southside Bee Branch	Berryville	Prescott	Booneville	Wickes
Valley View	Clarksville	Hamburg	Marshal	Hampton
Parkers Chapel	Carlisle	Paris	Stuttgart	Eudora
Sherwood Elem.				

K-12 DISTRICT GIFTED PROGRAM EVALUATION SERVICES:

2009-2010	South Conway County School District, Morrilton, AR
2009-2010	Beebe Public Schools, Beebe, AR
2007	Crossett School District, Crossett, AR
2007	Piggot School District, Piggot, AR
2007	South Conway School District, Morrilton, AR
2005	El Dorado School District, El Dorado, AR
2005	East End School District, Bigelow, AR

UNIVERSITY TEACHING ACTIVITIES

COURSES TAUGHT (All Graduate Level; Online)

Curriculum and Instruction for the Gifted (Graduate School of Education), Rutgers University
 Doctoral Problem of Practice (Dissertation) Phase II (Change Leadership Ph.D. program) UCA
 Doctoral Problem of Practice (Dissertation) Phase I (Change Leadership Ph.D. program) UCA
 Doctoral Research Design and Methodology (Change Leadership Ph.D. program) UCA
 Designing Assessment, Identification, & Evaluation Protocols in Gifted Programs (GATE) UCA
 Doctoral Scholarly Writing (Change Leadership Ph.D. program) UCA
 Teacher Leadership (College of Education, ASTL program) UCA
 Creativity and Innovation (College of Education, EDDL program), UCA

Research Methods (College of Education, ASTL program), UCA
 Science Methods (College of Natural Science and Mathematics/College of Education), UCA
 Creativity, Innovation, and Current Trends in Gifted Education (GATE program) UCA
 Introduction to Gifted Education (College of Education, GATE program), UCA
 Gifted Program Development, (Graduate School of Education, GATE Program), Rutgers University
 Special Topics in Gifted Education: Differentiating STEM, (Graduate School of Education, GATE Program), Rutgers University
 Affective Needs of the Gifted, (Graduate School of Education, GATE Program), Rutgers University
 Adv. Instructional Strategies and Assessment for Young Children (College of Education), UCA
 The Middle School: Psychology, Philosophy, and Organization (MSIT program), UCA
 Administrative & Legal Issues in Gifted Education (College of Education), UALR
 Creativity Seminar in Gifted Education (College of Education), UALR
 Curriculum and Differentiated Instruction in Gifted Education (College of Education), UALR
 Advanced Placement (AP) for Talented Youth (College of Education), UALR
 Teaching Advanced Placement (AP) Internship (College of Education), UALR
 Teaching Advanced Placement (AP) Practicum (College of Education), UALR

COURSES DEVELOPED, REVISED, OR CONVERTED FOR ONLINE INSTRUCTION:

Online Program Development

Coordinated the development of a multi-track gifted and talented education program (GATE); University of Central Arkansas.

Online Course Development/Revision

University of Central Arkansas

CLEI 9397	Doctoral Problem of Practice (Dissertation) Phase II - Developed
CLEI 9396	Doctoral Problem of Practice (Dissertation) Phase I - Developed
CLEI 8311	Doctoral Research Design and Methods - Developed
CLEI 8388	Doctoral Scholarly Writing - Developed
ASTL 6303	Teacher Leadership - Revised
EDDL 6388	Creativity and Innovation - Developed
GATE 6353	Teaching the Gifted & Talented – Developed
GATE 6358	Creativity, Innovation, and Trends in Gifted Education – Developed
ASTL 6380	Research Methods, Revised/Co-developed with Dr. Debbie Dailey
BIOL 6395	Special Topics / Science Methods - Heavily Revised
MAT 5303	The Middle School: Psychology, Philosophy, and Organization, Revised
MAT 6338	Adv. Instr. Strategies. & Assessment for Young Children – Revised & Converted to Blackboard

Rutgers University

Special Topics in Gifted Education: Differentiating STEM - Developed
 Gifted Program Development - Developed
 Curriculum and Instruction for the Gifted - Developed

University of Arkansas at Little Rock

GATE 7362	Admin. and Legal Issues in Gifted Education - Revised
GATE 7355	Creativity, Revised
GATE 7390	Teaching Advanced Placement Practicum, Developed
GATE 7395	Teaching Advanced Placement Internship, Developed
GATE 7361	Advanced Placement for Talented Youth, Developed

HONORS COLLEGE STUDENT CAPSTONE MENTORSHIP

2019- 2021 Sarah Parsons - *The effects of teachers' creativity-focused instruction on students' creativity*, University of Central Arkansas Schedler Honors College

DOCTORAL DISSERTATION COMMITTEES:

***Additionally, mentored/advised over 60 PhD students in the Change Leadership PhD program**

2024 - Present	Ph.D. - Change Leadership for Equity and Inclusion	Jillian Ellis	Dissertation Committee	UCA
2024 - Present	Ph.D. - Change Leadership for Equity and Inclusion	Maria Oliveira	Dissertation Co-Chair	UCA
2024 - 2025	Ph.D. - Change Leadership for Equity and Inclusion	LaShannon Spencer	Dissertation Committee	UCA
2023 - 2025	Ph.D. - Change Leadership for Equity and Inclusion	Kayla Waters	Dissertation Committee	UCA
2022- Present	Ph.D. – Change Leadership for Equity and Inclusion	Laura Marshall	Dissertation Co-Chair / Advisor	UCA
2013- 2015	Ph.D. – Physical Therapy; College of Health and Behavioral Sciences	Anita Killins	Dissertation Committee	UCA
2013-2014	Ed.D. – Education Administration & Supervision; College of Education	Todd Edwards	Dissertation Committee; Proposal Defense (2013); Final Defense (2014)	UAL R
2012 - 2013	Ed.D. – Education Administration (STEM-focused); College of Education	Debbie Dailey	Dissertation Committee; Proposal Defense (2012); Final Defense (2013)	UAL R

Spring 2010	Ed.D. Candidate (STEM /Gifted curriculum focused); College of Education	Christine Deitz	Dissertation Proposal Defense	UALR
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GRADUATE COMPREHENSIVE EXAMINATION COMMITTEE / DEFENSES:

Spring 2012	M.Ed. Gifted and Talented Education; College of Education	Jason Finney	Comprehensive Examination Committee	UALR
Spring 2012	M.Ed. Gifted and Talented Education); College of Education	Kellie Smith	Comprehensive Examination Committee	UALR
Fall 2011	M.Ed. Gifted and Talented Education); College of Education	Sarah Jerry	Comprehensive Examination Committee	UALR
Fall 2011	M.Ed. Gifted and Talented Education); College of Education	Kelly Clark	Comprehensive Examination Committee	UALR
Spring 2010	M.Ed. Gifted and Talented Education); College of Education	Kim Fonville	Comprehensive Examination Committee	UALR
Spring 2010	M.Ed. Learning Systems Technology); College of Education	Karma Turner	Portfolio Defense	UALR
Sum' 2010	M.Ed. Gifted and Talented Education); College of Education	Shelina Warren	Comprehensive Examination Committee	UALR
Sum' 2009	M.Ed. Gifted and Talented Education); College of Education	Cathy Drake	Comprehensive Examination Committee	UALR

INSTITUTES & WORKSHOPS DEVELOPED / CO-DEVELOPED:

2025	GT Program Coordinators and Teachers' Guide to Support the Integration of AI Tools
2023	Rich Kid, Poor Kid: Poverty and the High Achieving Brain
2013	<i>The Next Generation Elementary Science Classroom.</i> After-school workshop developed for Forrest Park Elementary. Little Rock School District: Little Rock, AR.
2013	<i>Value-added Teaching and Assessment in Higher Education.</i> Workshop developed for University of Arkansas Community College at Morrilton Faculty. UACCM: Morrilton, AR.

- 2013 *Classroom Management*. Workshop developed for University of Arkansas Community College at Morrilton Faculty. UACCM: Morrilton, AR.
- 2013 *The Differentiated Elementary Classroom*. Workshop developed for Forrest Park Elementary. Little Rock School District: Little Rock, AR.
- 2011 *STEM Starters Technology Institute (Co-developed)*. Two-day technology workshop focused on integrating iPad2, GPS receivers, and digital cameras in the classroom. UALR: Little Rock, AR.
- 2011 *Project STEM Starters Institute: Year 3 (Co-developed)*. Three-day Teacher Institute focused on implementing Project STEM Starters at the elementary grades. Professional development provided to the Beebe & South Conway County School Districts. UALR: Little Rock, AR.
- 2010 *Low-income and Cultural Diversity Issues in High Achievement*. One-day workshop for Beebe and South Conway County Public Schools Districts. Beebe and Morrilton, AR.
- 2010 *Project STEM Starters – Year 2 Institute*. Five-day Teacher Institute focused on implementing Project STEM Starters’ curriculum and differentiated instruction at the elementary grades. Training was provided to the Beebe and South Conway County School District STEM Starter participants. UALR: Little Rock, AR.
- 2009 *Project STEM Starters Evaluation Teams (Co-developed)*. Two-day professional development workshop focused on evaluating STEM programs at the elementary grades. UALR: Little Rock, AR.
- 2009 *Differentiated Instruction for Elementary Teachers*. Two after-school workshop presentations to Sherwood Elementary Grade K-5 teachers. Pulaski County Special School District: Sherwood, AR
- 2009 *Differentiated Instruction for Secondary Teachers*. Half-day workshop developed and delivered to Sylvan Hills Grade 9-12 teachers. Pulaski County Special School District: Sherwood, AR
- 2009 *Project STEM Starters – Year 1 Institute (Co-developed)*. Five-day Teacher Institute focused on implementing Project STEM Starters’ curriculum and differentiated instruction at the elementary grades. Training was provided to the Beebe and the South Conway County School District STEM Starter participants. UALR: Little Rock, AR.
- 2007 *Arkansas Evaluation Initiative Teams Training, Part III (Co-developed)*. Two-day workshop focused on program evaluation training for AEI Team members. UALR: Little Rock, AR.

- 2006 *Arkansas Evaluation Initiative Teams Training, Part II* (Co-developed). Two-day workshop focused on program evaluation training for AEI Team members. UALR: Little Rock, AR.
- 2005 *Arkansas Evaluation Initiative Teams Training, Part I* (Co-developed). Two-day workshop focused on program evaluation training for AEI Team members. UALR: Little Rock, AR.
- 1999 *Professional Portfolios and Technology Integration – Part II*. After School workshop presented to teachers, and staff, Pleasant Grove School District. Texarkana, TX
- 1999 *Professional Portfolios and Technology Integration – Part I*. After school workshop presented to teachers, and staff, Pleasant Grove School District. Texarkana, TX

SERVICE ACTIVITIES

NATIONAL COMMITTEE / SERVICE INVOLVEMENT:

*National Association for Gifted Children

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| 2019-2021 | Professional Standards Committee, Co-Chair |
| 2014-2020 | Expert Speaker Program |
| 2009-2022 | Professional Standards Committee |
| 2009-2022 | <i>Teaching for High Potential</i> Editorial Advisory Board |
| 2009-present | <i>Gifted Child Quarterly</i> Editorial Review Board |
| 2008-present | Conference proposal reviewer (Research and Evaluation Network; STEM Network; Professional Development Network) |
| 2014-2015 | Self-study Professional Standards Committee Workgroup, Chair |
| 2012-2016 | Awards Committee |
| 2011-2012 | Administrator Task Force Advisory Panel |
| 2011-2012 | Research and Evaluation Finance Committee |
| 2011-2012 | Research and Evaluation Program Committee |
| 2010-2012 | Research and Evaluation Network Awards Chair |
| 2010, 2012 | Research and Evaluation Network Dissertation Award Coordinator |
| 2011 | Research and Evaluation Gala Coordinator |
| 2009-2013 | Professional Standards Work Group |
| 2005 | Graduate Student Committee, Secretary |

*Have authored/co-authored a number of service publications on behalf of NAGC (listed under publications section).

Council for the Accreditation of Educator Preparation (CAEP).

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| 2014-2016 | National CAEP Professional Standards Committee (CAEP Board of Directors appointment) |
| 2010 | NCATE Lead SPA Program Reviewer, NAGC / CEC SPA |
| 2009 | NCATE SPA Program Reviewer, NAGC/CEC SPA |
| 2008 | NCATE SPA Program Reviewer, NAGC/CEC SPA |

Council for Exceptional Children – The Association for the Gifted (CEC-TAG)

2021	Professional Standards Committee Workgroup
2016, 2017	National Conference Division Conference Program Chair
2016-2017	Knowledge and Skills Sub Committee
2015-2016	President-Elect
2015	Local Arrangements Coordinator, Fall Board Meeting and Conference
2014-Present	Editorial reviewer
2014-2015	Representative Assembly Member-at-Large
2014-Present	Conference proposal reviewer (CEC-TAG)

American Education Research Association

2015-2020	Board Member: Member-At-Large (SIG Research on Giftedness, Creativity & Talent)
2012-2013	Communications Committee (SIG Research on Giftedness, Creativity & Talent)
2006-Present	Conference proposal reviewer (SIG: Science Teaching & Learning; Research on Giftedness, Creativity & Talent)

STATE COMMITTEE / SERVICE INVOLVEMENTArkansas School for Mathematics, Science, and the Arts

2025-2026	Search Committee Member, ASMSA Director Search
2024-2026	Board of Visitors
2024-2026	Chair, Parent Advisory Council

Arkansas Department of Education

2024 - present	Arkansas Governor's School Selection Committee
2013	Arkansas Department of Education Content Module Writer; Gifted and Talented Program Administration Module
2013	Arkansas Department of Education Content Module Reviewer; Beginning Administrator Program
2011	Arkansas Department of Education Commissioner's STEM Education Planning Committee Member, Nominated and Selected
2005	Arkansas Department of Education- Office of Gifted and Talented Gifted Program. (Team Member – Revision of the Statewide ADE GT Program Evaluation Reporting Document)

Arkansas Legislative General Assembly (Senate and House Education Committees)

2003	Panel Member (by invitation) Joint Committee on Education Adequacy
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Arkansas Association for Gifted Education Administrators (AAGEA)

2015-2017	Immediate Past President
2013-2015	President
2011-2013	President-elect
2011-2013	Summer Conference AAGEA Constituent Chair
2007-2011	Treasurer
2004-2006	Professional Development Chair

2004 Scholarship Committee

Arkansas Association of Education Administrators (AAEA)

2013-2015 Board of Directors
2014 Summer Conference Committee

Arkansans for Gifted and Talented Education (AGATE)

2010-2013 Legislative Co-Chair
2009-2015 Legislative Committee
2008-2010 Membership Assistance Chair
2006-2007 Secretary
2004-2006 Volunteers Chair
2005 Curriculum Awards Committee
2004-2010 Conference Committee
2003-2004 Founder, AGATE Affiliate East End School District

State Agency Committees

2011-2012 AR Central Regional Science Fair Planning Committee
2003; 2004 AR School for Mathematics, Science and Arts Selection Committee

National and State ETS Praxis Standard Setting Study Committees

2013 ETS Arkansas Middle Childhood Science Praxis II Standard Setting Study, Little Rock, AR.

UNIVERSITY SERVICE

University-wide Committees

2025 UCA Honor's College Tenure and Promotion Committee
2024-2025 Faculty Excellence Committee Chair, Research, Scholarship, & Creativity Award Committee
2022-2024 Faculty Excellence Committee Member, Teaching Award
2020-2024 University Research Council Member
2016-2022 UCA Handbook Committee Member (elected)
2016-2017 Honors College Dean Search Committee Member
2013- 2014 UCA Faculty Senate (elected)

College-wide Committees

2021-2025 College of Education Scholarship Committee
2019-Present College of Education Research Committee, Chair
2018-2020 UCA College of Education, Curriculum and Assessment Committee
2016-Present UCA College of Education, Tenure and Promotion Committee
2016-Present UCA College of Education, Research Committee
2015 UCA College of Education, Dean's Research Cracker Barrel (Event Co-coordinator)
2014 UCA College of Education, Teatime Talks Faculty Professional Development Organizer (1 of 3 Event Co-coordinators)
2014-Present UCA College of Education, Professional Education Council

2014-2015	UCA College of Education, Curriculum Committee
2014-2015	UCA College of Education, Tea Time Talks, Co-facilitator
2012-2015	UCA College of Education, Research Committee
2012-2013	UCA Professional Education Unit, Conceptual Framework Committee

Department Committees

2024-2025	Leadership Studies Chair Position Search Committee, Committee Chair
2023-2024	Tenure and Promotion Committee, Chair
2021	Tenure-track Faculty Search Committee
2019-2020	Curriculum and Assessment Committee Chair
2016-Present	Tenure and Promotion Committee
2016-2017	Curriculum and Assessment Committee
2015-Present	Graduate Faculty Committee
2015	Tenure-track Position Search Committee Chair
2015	Clinical Position Search Committee
2014-Present	UCA Department of Teaching and Learning, Curriculum Chair UCA Department of Teaching and Learning, Graduate Faculty Committee
2013-2014	UCA Department of Teaching and Learning, Curriculum Committee
2013-2014	UCA Department of Teaching and Learning, Recruitment and Retention Committee
2012-2013	UCA Department of Teaching and Learning, Recruitment and Retention Committee
2009-2010	UALR College of Education, Department of Educational Leadership, Governance Document Committee.
2008-2009	UALR College of Education NCATE Unit Assessment System and Unit Evaluation Committee (Standard 2 Committee).

Faculty Mentoring

2014-2015	Dr. NyKela Jackson, UCA Department of Teaching and Learning
2013-2014	Dr. Debbie Dailey, UCA Department of Teaching and Learning

ACCREDITATION ACTIVITIES:

2022 -	Assessment Chair for Change Leadership Ph.D. program, UCA
2013	National CAEP Conference Attendee (1 of 2 UCA Dept. of Teaching & Learning Representatives), Arlington, VA
2013	Association for Middle Level Education CAEP SPA Training, Little Rock AR
2010	NCATE Lead SPA Program Reviewer, NAGC/CEC SPA
2008, 2009	Co-authored the NCATE SPA Report for UALR GATE program
2007	NCATE Program Review Training for University Gifted and Talented Programs, selected recipient of training, National Association for Gifted Children, Washington, DC

STATE CONFERENCE CHAIR/COORDINATOR:

Arkansas Association of Educational Administrators (AAEA)

2012-13 Summer Conference Constituent Group Chair

Arkansans for Gifted and Talented Education (AGATE)

2010 Spring Pre-Conference Advanced Placement Day Co-coordinator
 2008-2009 Spring Conference Committee, Pre-conference Co-coordinator
 2008 Spring Conference Committee, Co-coordinator of Business Sponsorships
 2005, 2006 Spring Conference Committee, Volunteers Chair
 2004-2006 Spring Conference Committee, Volunteers Coordinator
 2004 Conference Committee, Volunteers Co-chair

Arkansas Association of Gifted Education Administrators (AAGEA)

2015 Fall Conference Local Arrangements Coordinator (for joint CEC-TAG event)
 2005-06 Fall Conference Chair
 2004 Fall Conference Committee

SERVICE – OTHER PROFESSIONAL ACTIVITIES:

Instrument Content Validation Juror

2015 Instrument: *Student Academic Engagement in STEM* (Cash, K. & Adelson, J. – University of Louisville).
 2014 Instrument: *Integrating Arts into Content* (Miller, R., Wake, D., Whittingham, J., & Adelson, J.) – University of Central Arkansas.

Consulting Activities

2020-21 Arrowad College MEd in International Education, Saudi Arabia
 2013 Forest Park Elementary, Little Rock AR
 2009 Sylvan Hills High School, Sherwood AR
 2009 Sherwood Elementary, Sherwood AR
 2009 Hall High School, Little Rock AR
 2008-09 Arkansas School for the Blind, Little Rock AR

Community/Volunteer Service (Unpaid Service)

2025-2026 Arkansas School for Mathematics, Science, and the Arts Executive Director
 Search Committee
 2024-2026 Arkansas School for Mathematics, Science, and the Arts Parent Advisory Council
 Chair and Board of Visitors Committee
 2015-2019 STEMulate Engineering Academy, UCA
 2014-2015 Board Member, Conway Public Schools Arkansans for Gifted and Talented
 Education Affiliate (AGATE)
 2011-2014 Bethlehem House Homeless Shelter Volunteer
 2008-2009 Arkansas School for the Blind, Gifted Program Consultant
 2004, 2005 National Board for Professional Teaching Standards, UALR NBPTS Volunteer
 2004-2012 Duke University Talent Identification Program (TIP), UALR, Volunteer
 2003 Boy Scout Merit Badge Counselor - Quapaw Council (Space Exploration)
 2002-2003 Destination Imagination Regional Competition Judge

MEMBERSHIPS IN ACADEMIC, PROFESSIONAL, AND SCHOLARLY SOCIETIES:

American Association of Colleges for Teacher Education (AACTE)
(Division/TAG: Improving Practices in STEM Educator Preparation - Charter Member)

American Education Research Association (AERA)
(Division A & K; SIG: Science Teaching and Learning; Research on Giftedness, Creativity and Talent)

National Association for Gifted Children (NAGC)
Network Memberships: STEM; Professional Development; Research & Evaluation

Council for Exceptional Children (CEC) (2012-2017)
Division: The Association for the Gifted (CEC-TAG)

School Science and Mathematics Association (SSMA) (2009-2012)

Arkansas STEM Coalition (2007-2012)

Arkansas Science Teachers Association (ASTA) (2012-2013)

Arkansas Association of Gifted Education Administrators (AAGEA) (2003-2017)

Arkansas Association of Educational Administrators (AAEA) (2003-2017)

University of Arkansas at Little Rock Alumni Association

Arkansans for Gifted and Talented Education (AGATE) (2002- 2018)

World Council for Gifted and Talented Children (2007-2009)

Alpha Epsilon Lambda, National Honor Society for Graduate and Professional Students

Sigma Tau Delta, International English Honor Society