

Curriculum Vita Aimee Lee Govett

Department of Curriculum & Instruction
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Education

Doctor of Education Curriculum & Instruction	West Virginia University	5/2001
Dissertation title: "Teachers' Conceptions of the Nature of Science: Analyzing the impact of a teacher enhancement program in changing attitudes and perceptions of science and scientific research." © 2001		
Master of Education Secondary Science Education	West Virginia University	5/1996
Bachelor of Science Biology and General Science	West Virginia University	12/1988

Professional Experience

January 2021 ongoing	Science Education Professor Emerita, Department of Curriculum and Instruction, Clemmer College, ETSU; Board of Directors President of Huschka House ©2021
August 2014 to December 2020	James H. Quillen Chair of Excellence in Teaching and Learning, Clemmer College, ETSU https://www.etsu.edu/coe/centers/quillenchair/
August 2013 to December 2020	Professor, Department of Curriculum & Instruction, Center of Excellence in Mathematics and Science Education, Clemmer College, ETSU.
August 2007 to August 2013	Associate Professor, Department of Curriculum and Instruction, Clemmer College of Education, Center of Excellence in Mathematics and Science Education, ETSU.
August 2003 to August 2007	Tenure-track Assistant Professor, Department of Curriculum and Instruction, Clemmer College of Education, Center of Excellence in Mathematics and Science Education, ETSU.
August 2000 to May 2003	Tenure-track Assistant Professor, Science Education, Department of Curriculum and Instruction, College of Education, University of Nevada Las Vegas.
August 1998 to May 2000	Clinical Assistant Professor, Science Education, Department of Curriculum and Instruction, College of Education, University of Nevada Las Vegas.
June 1995 to August 1998	Graduate Teaching Assistant, Department of Educational Theory and Practice, College of Human Resources and Education, West Virginia University.

September 1989 to June 1997 Secondary Biology and general science 7 – 12, Morgantown High School, Monongalia County Schools, West Virginia (Permanent Professional Teaching Certificate).

Teaching Practice

- ✚ Teaching at Graduate and Undergraduate level
 - Graduate Program Coordinator - Masters of Arts in Teaching (2008 – present)
 - Education Foundations; Graduate classes and Inservice Teacher Professional Development on science and general pedagogy.
 - Early Childhood Science Methods; Elementary Science Methods; Secondary Science Methods; Created and team-taught STEM science content lab course (4 credit hours) for preservice elementary teacher candidates.
 - Supervision of teacher candidates in field experiences.

- ✚ Graduate Program Revisions: Curriculum Process System (CIP Code: 13.1206)
 - Substantive Curriculum Modification (2008; 2013; 2015; 2016)
 - Policy Revision (2015)
 - Non-substantive Curriculum Modification (2017; 2019)
 - Course editorial Changes (2008; 2016)
 - Substantial Course Modifications
 - New Courses (2016)

- ✚ Faculty Advisor for Student Tennessee Education Association (STEA): (2004 - 2013)
Responsible for:
 - actively recruiting STEA members,
 - working closely with organization leadership,
 - coordinating and hosting monthly membership meetings and inviting guest speakers,
 - and attending Fall Leadership Conferences, Spring Delegate Assembly Conventions, and other organizational activities, both local and statewide.

- ✚ Developed and implemented a culturally sensitive K – 12 Science Education Methods Program for the Pinon school system on the Navajo Reservation (Dine’) in Pinon, Arizona. (2002-2003)

- ✚ Collaboratively developed and taught a three credit graduate level course, Secondary Education: Teaching Evolution and the Nature of Science BIO 705 with Dr. Rhonda Snook, Biologist from the University of Sheffield, UK. (Summer 2002)

- ✚ Collaboratively developed and taught a three credit graduate course, Physics and Physical Science for Middle and High School Teachers ICS 712 with Dr John Farley, Physics, College of Sciences, University of Nevada at Las Vegas (UNLV). (Summer 2001, Summer 2002, Spring 2003)

- ✚ Collaboratively developed and taught a three credit graduate course K -12 Teaching Science and Literature ICE 723/ICS 712 with Dr. Cyndi Giorgis, K -12 Literacy, UNLV Department of Curriculum & Instruction. (Summer 2002)
- ✚ Science Coordinator for the 1999 National Youth Sports Program on the University of Nevada at Las Vegas Campus hosted by the National Collegiate Athletic Association (NCAA).

Research and Scholarly Experience

Refereed Publications:

- Govett, A. & Uddin, M. (2020). Noyce East Tennessee STEM Teacher Recruitment. In D. Schmidt-Crawford (Ed.), Proceedings of Society for Information Technology & Teacher Education International Conference (pp. 1293-1297). Online: Association for the Advancement of Computing in Education (AACE). Retrieved November 12, 2020 from <https://www.learntechlib.org/primary/p/215895/>.
- Price, Govett, Davis, Ivester, Howard, and Messimer. (2019). PBL meets PBL: Project-based learning meets planet-based learning. *Teaching Science*, 65(1), 28-33.
- Paula A. Magee (Indiana University, USA), Aimee Lee Govett (East Tennessee State University, USA) and Jane H. Leeth (Indiana University-Purdue University Indianapolis, USA), Chapter 9: Using Nonfiction Texts and Literature Circles to Rethink Science Learning, Source Title: [Handbook of Research on Science Literacy Integration in Classroom Environments](#), © 2019.
- Larry L. Bowman, Jr. and Aimee Lee Govett: Becoming the Change: A Critical Evaluation of the Changing Face of Life Science, as Reflected in the NGSS, *Science Educator*, Summer 2015, Vol. 24, No. 1.
- Larry L. Bowman, Jr. and Aimee Lee Govett: Changes to the TN Middle Grades Science Curriculum According to NGSS, *Tennessee Educational Leadership Journal*, Fall 2014.
- Depelteau, A.M., Joplin, K.H., Govett, A.L., Miller III, H.A. and Seier, E. Symbiosis: Development, Implementation, and Assessment of a Model Curriculum across Biology and Mathematics at the Introductory Level. *CBE – Life Sciences Education*, Vol. 9, 342-347, Fall 2010.
- Govett, A. & Farley, J. A Pilot Course in Physics for Teachers. *The Physics Teacher*, May 2005, V.43 no 5.pp.272-275.
- Hemler, D., Heatherly, S.A., Govett, A., and Lomann, M. “Radio Astronomers for a Day” *Science Scope*, March 1999.

Pyle, E.J., Obenauf, P., Heatherly, S.A., Hemler, D., Barden (Govett), A., Gansneder, B., Evans, J., and DiBiase, W. (1997). The impact of teacher research experience: Learning "real" science in a "real" context. In P.R. Rubba, P.F. Keig, & J.A. Rye (eds.) Proceedings of the 1997 Annual International Conference of the Association for the Education of Teachers in Science, 374-385.

Non-refereed Publications

Acknowledged Contributing Author to "The Power of Partnerships" NSF Graduate STEM Fellows in K-12 Education (GK-12) Programs. - Published March 2013 © 2013. American Association for Advancement of Science. ISBN 978-0-87168-754-8

Govett, A. (April 2002) Science for All. Multicultural & Diversity Newsletter, National Organization of Multicultural Education (N.A.M.E.)

Hernon, C. and Govett, A.L. (April 2002) Visiting British Schools. Multicultural & Diversity Newsletter, National Organization of Multicultural Education (N.A.M.E.)

Rumann, S.M., Leaf-Nelson, J., and Govett, A. (1999) Place of Hope and Possibility: A Visit to Center X at UCLA. Multicultural & Diversity Newsletter, National Organization of Multicultural Education (N.A.M.E.)

Co-editor of Multicultural & Diversity Newsletter, National Organization of Multicultural Education (N.A.M.E.) (2000- 2003)

Record of Federal Grants:

1. Co-Investigator and Internal Evaluator (2019 – 2025) NSF Noyce Teacher Scholarship Program Track I: "Noyce East Tennessee STEM Teacher Recruitment" (PI: Smith, physics; Col's Uddin, engineering; Joyner, mathematics; and Kirkby, chemistry). Funding supports internships for undergraduates in the summers and scholarships to the Masters of Arts in Teaching (MAT) program for students with bachelor's degrees in five key subjects: Physics, Chemistry, Mathematics, Engineering Technology, and Computer Science. The goal of this program is to encourage students majoring in those subjects to become high school teachers. (Awarded \$1,198,971)
2. Co-Principal Investigator (2009-2015) NSF- Noyce Teacher Scholarship Grant "Northeast Tennessee Robert Noyce Scholarship Program," Award Id : 0934812, PI: Knisley; under the direction of Jeff R. Knisley, Aimee Govett, Daryl L. Stephens, and Robert A. Beeler. (Awarded \$894,066)
3. Co-Principal Investigator and Project Director (2007-2013) NSF STEM Fellows K-12 **Science First!** A Graduate Fellowship Program Supported by the National Science Foundation Division of Graduate Education; ETSU in partnership with North Side Elementary School of Science, Mathematics, and Technology, a high need and racially/ethnically diverse school. Outcome includes STEM fellows and K-6 teachers

collaborating on developing an integrated curriculum using mathematics and science as a connecting thread. (Awarded \$2,994,971)

4. Co-Principal Investigator and Assessment Coordinator (2010-2015) Virtual Ecology: An Inquiry-Based Online Learning Environment, PI T.C. Jones (Awarded \$198,531)
5. Co-Principal Investigator and Assessment Coordinator (2009-2010) **CCLI: A Symbiotic Integration of Three Introductory Mathematics and Biology Courses** One of the missions of the Institute for Quantitative Biology (IQB) at ETSU is to address the need for new curricula, and in the spirit of the Math and Bio 2010 report. We developed and assessed an integrated curriculum called Symbiosis that uses active learning strategies and a context-driven approach. This integrated curriculum will cover the material in an introductory biology course using a series of biology-based modules. (Awarded \$310,064)
6. Lead Faculty - **NSF STEP: Talent Expansion in Quantitative Biology (TEQB)**, NSF 05-519 DUE STEP, Type I (2005- 2010) Goals: To ensure that each student in TEQB completes a research project during her/his first year and also at the end of his/her second year; projects will be co-directed by a mathematics and a biological sciences faculty member. (Awarded \$999,782)
7. Principal Investigator (2006-2007) This General Competition project (TQI: Tennessee Higher Education Commission) entitled, "Building Strong Partnerships for K-6 Elementary School Science" is designed to train 20 elementary science teachers (K-5) in the eight rural school districts in the Upper East Tennessee Educational Cooperative (UETEC). This is a follow-up grant for the 2005 THEC awarded project. (Awarded \$74,639.00)
8. Lead Faculty (2005-2009) This National Science Foundation (NSF) – Advanced Technological Education (ATE) Grant involves community colleges and 4-year institutions that prepare teacher candidates for licensure. The focus is to develop a 2-year Associate of the Science of Teaching Degree at the community college level that will matriculate into a four-year institute teacher education program. There were nine regional higher education partners working with the mathematics, science, and technology components. (Awarded \$1,250,000)
9. Co- Principal Investigator and Site-Coordinator (1999-2002) (PI and Site Director: Dr. Neal Strudler) NSF Preparing Teacher to Teach Technology (PT3) Grant “ST²EP for Student Teacher Technology Education Partnership” grant. The ST²EP Project created a collaborative learning community with faculty at the University of Nevada at Las Vegas, secondary math and science preservice teachers, and middle and high school partners. (Awarded \$53,000)
10. Principal Investigator (2000-2002) US Department of Education Preparing Teacher to Teach Technology (PT3) Grant “Project THREAD: Technology Helping Restructure Educational Access & Delivery” (Awarded \$1,500)

Record of Grant Related Activities

1. External Evaluator (2016-2019), Virtual Biology Lab (VBL) 2.0: improving and implementing an inquiry-based educational resource. PI: T.C. Jones (Awarded \$299,424)
2. Lead Faculty and Assessment Coordinator (2006-2010), Howard Hughes Institute Grant “Symbiosis”, a symbiotic integration of three introductory mathematics and biology courses that addresses the need for an integrated curriculum to help teacher education candidates as well as general core. (Awarded \$199, 690)
3. Science Education expert and faculty member of the Habitat, (2005 – 2009) a fully equipped technology enhanced classroom, a Math and Science Teacher Education Resource Hubs (MASTER Hubs), a requirement of the \$1.25 million nine-school NSF-ATE Grant mentioned above. “Funding for Innovative Projects to Improve Teaching and Learning through Technology” Technology Access Fee Advisory Committee, ETSU.
4. Education Expert (2001-2006) NSF Grant DEB-0093149 Teaching Component of Evolution Research. (PI: Rhonda Snook, University of Sheffield, England) The evolution curriculum as developed and implemented by Dr. Aimee Lee Govett (Secondary Science Education) and Dr. Rhonda Snook (Evolutionary Biology) was a series of professional development courses for teachers that address and facilitate the teaching of evolution science. This project began when both researchers were faculty at the University of Nevada at Las Vegas (UNLV) and continued at both institutions. (Awarded \$430,000)
5. Assessment Coordinator (1998-1999) Eisenhower Grant “The Authentic Integration of Science and Technology in Field-Based Settings” University of Nevada Las Vegas.
6. Research Assistant (1995-1998) for the Program Evaluation Committee of the Research Experience for Teacher Preparation (RETP) involving an Inservice Teacher Institute at the National Radio Astronomy Observatory (NRAO) in Green Bank, West Virginia funded by the NSF Teacher Enhancement Program Grants. Responsible for assisting in creating, validating and administering eleven (11) evaluation instruments; as well as the collection, recording, and analyses of quantitative data and qualitative data; and the reporting of these findings to the outside evaluator for the project. This research project served as the basis for three doctoral dissertations and resulted in two publications and numerous professional presentations.

Record of State and Internal Grants

1. Price, J. and Govett, A. (2019) ETSU Research Development Committee (RDC). “Partnership with a Purpose: A Model of a School-University Collaboration” Funded travel

for a team of teachers and the investigators to visit and explore two STEM Designation Schools in the Nashville area. (Awarded \$1,614.50)

2. Co-Principal Investigator (2012-2014) Race to the Top Funds project (TQI: Tennessee Higher Education Commission) entitled "Incorporating Active Learning into Life Sciences Teaching (IALLST)" directed toward Math and Science Middle School Teachers in the Tennessee First District; working with Dr. Tim McDowell (Biology) and Dr. Tom Laughlin (Biology). (Awarded \$195, 533) Access website:
http://faculty.etsu.edu/Laughlin/temporary%20page/stem_2012.htm
3. Govett, A. and Myron, M. (2008-2009) Dean's Collaboration Mini-Grant Project Title: "Learning Physics in the Real World: A collaboration of college friends, K-kids, and fifth graders" (Awarded \$750)
4. Govett, A. and Myron, M. (2007-2008) Dean's Collaboration Mini-Grant "Discovering and Living Earth Friendly Science" We studied and planted indigenous trees on the ETSU campus resulting in both the College Friends (and the K-Kids learning how to formulate science research questions and how to engage in the gathering of data, research procedures and presenting findings. (Awarded \$500)
5. Principal Investigator (2006 - 2007) This General Competition project (TQI: Tennessee Higher Education Commission) entitled, "Building Strong Partnerships for K-6 Elementary School Science" for elementary science teachers (K-5) in the eight rural school districts in the Upper East Tennessee Educational Cooperative (UETEC). This is a follow-up grant for the 2005 THEC awarded project. (Awarded \$67,500.00)
6. Principal Investigator (2005-2006) for a general competition project (TQI: Tennessee Higher Education Commission) entitled, "Elementary Science Teaching and Learning Partnership for Northeast Tennessee". Elementary teachers participated in a ten-day 55-hour leadership institute on the ETSU campus, followed by ten hours of follow-up activities during the academic year. (Awarded \$60,583.00)
7. Principal Investigator (2004) ETSU Research Development Committee (RDC) Award Account 04-039sm "Changing Elementary Preservice Teachers' Attitudes toward the Nature of Science and Teaching Science". This grant funded the purchase of materials and development of a standards based physical science content course designed specifically for elementary teacher candidates. (Awarded \$990.00)
8. Principal Investigator (2002-2003) University of Nevada at Las Vegas Planning Initiative Award (PIA) "Planning for a Joint Center for Science and Mathematics Learning" (Awarded \$30,000)

9. Principal Investigator (2001-2003) Eisenhower Professional Development Program "Science Education Partnership to Enhance Physical Science Instruction". An intensive summer institute for both preservice and inservice teachers including six days of follow-up feedback meetings during the academic year. (Awarded \$20,340)
10. Co-Principal Investigator (1999 - 2002) with Henry, L.J., University of Nevada at Las Vegas New Investigator Award Proposal "Project I.M.P.A.C.T. Improving Multidisciplinary Performance and Collaborative Teamwork." (Awarded \$9,817)
11. Co-principal Investigator (1998-1999) University of Nevada at Las Vegas internal funding: Planning Initiative Award "Using Technology and Innovative Approaches in Preservice Teacher Education" Awarded \$2,000.
12. Research assistant for the FACE Project (Forced Atmospheric Carbon Dioxide Emissions) at the Nevada Test Site in an on-going program at the Desert Research Institute funded by the National Science Foundation. (Spring 1999)

Conference Presentations: International/National

1. Govett, A. and Uddin, M. "Noyce East Tennessee STEM Teacher Recruitment" (ID: 55851) at the Association for the Advancement of Computing in Education SITE 2020 Conference (The Society for Information Technology and Teacher Education), New Orleans, Louisiana, April 6-10, 2020.
2. Govett, A. and Price, J, Partnership with a Purpose: A Model of a School-University Collaboration (ID #16022) at the 2019 Association for Science Teacher Education Conference in Savannah, GA, January 1-6, 2019.
3. Govett, A., "Mindfulness Practices for Teacher Preparation" - Reflection Pool, 2018 at the International Association of Science Teacher Education Conference, Baltimore, Maryland, January 3-6. 2018.
4. Hosted Student Delegation Poster Presentation to Society of College Science Teachers (SCST) held at the NSTA National Conference in Nashville: Science: Empowering Performance" at the Music City Center, Nashville, TN, March 31–April 3, 2016.
5. ETSU GK12 poster presentation "Science First! Adventures in an Elementary School Classroom" NSF Graduate STEM Fellows in K-12 Education Annual Conference, Washington, DC, March 2012.
6. ETSU GK12 Workshop "A Tale of Two Cultures: Integrating Knowledge through Sustained Cooperation between Fellows and Teachers" NSF Graduate STEM Fellows in K-12 Education Annual Conference, Washington, DC, March 2012.

7. Govett, Myron, Brickell, Barnett, Lowery, Ellwanger, and Janaitis. "Teaching Children to be Good Stewards of the Earth" at the 51st Annual Early Childhood Conference, Johnson City, TN, July 28-30, 2011.
8. Jones, T.C., Laughlin, T.F., and Govett, A.L. "Virtual Biology Lab: Assessment of Student Learning and Attitudes Associated with Simulated Ecological Experiments" Presented at the National Science Foundation CCLI/TUES PI's Conference, Washington, DC, January 2011.
9. Anderson, Godbole, Govett, Pickering, and Orfield. Presented poster "Bringing Research into the Classroom at North Side Elementary School" at the annual National Science Foundation Graduate STEM Fellows in K-12 Education Annual Conference (GK-12 Poster Session), Washington, DC, March 11-13, 2011.
10. Govett, A.L. and Myron, M.C. "Learning Physics in the Real World" Association of science Teacher Educators: at the National Conference on Science Education, March 2010.
11. Govett, A.L. and Myron, M.C. "Kindergarten – 5th Grade Physics Workshop for Teachers" National Science Teachers Association Conference: Connecting Science Past with science Future, March 2010.
12. Govett, A. L., 1 hour Interactive Session and paper presentation "Teaching Force and Motion to Elementary Teacher Candidates" at the National Science Teacher Association (NSTA) Conference, Boston, March 2008.
13. Govett, A. L., paper presentation "Teaching Force and Motion to Elementary Teacher Candidates" at the International Association for Science Teacher Education Conference in St. Louis, Missouri, January 2008.
14. Hamm, J., Turnbo, L., Barnes, T., and Govett, A., General Session Computer Lab 2-hour workshop: "Wading into the Personal Video Stream", Technology, Reading, and Learning Difficulties Conference, San Francisco, CA, February 2007.
15. Govett, A.L.; Hamm, J.S.; Turnbo, L.S. and Barnes, T.L. "Screaming Streaming Science". Demonstration of the innovative use of technology, literacy, and science to enhance conceptual understanding in the classroom, National Science Teacher Association Meeting (NSTA), Anaheim, California, April 2006.
16. Hamm, J., Turnbo, L., Barnes, T., and Govett, A., Podcast and Paper presented "Streaming Screaming Science: Enhancing Scientific Literacy through Technology", Technology, Reading, and Learning Difficulties Conference, San Francisco, CA, January 2006.
17. Govett, A.L. & Farley, J.W. "A Pilot Course in Physics for Teachers". Interactive paper presentation in the category of Scientists collaborating with Teacher Educators, International Association of Educators of Teachers of Science Annual Meeting, January 2004.

18. Speer, W., Govett, A., Shih, J., Crippen, K., and Herson, C., Panel Presentation on "Integrating Mathematics, Science, and Technology" at the 2003 Annual Research Council on Mathematics Learning (RCML) Conference in Tempe, AZ, March 2003.
19. Govett, A. & Herson, C. "Teachers Inquiring into Science Learning and Teaching" Poster Session for (National Association of Research in Science Teaching Strand) National Science Teachers Association (NSTA) Annual Conference in San Diego, CA, March 2002.
20. Govett, A. & Henry, L.J. "Collaboration Skills as Investments in Scientific Literacy: Results of a Delphi Study" at the Association for the Education of Teachers in Science (AETS) Annual Conference in Charlotte, NC, January 2002.
21. Hemler, D. & Govett, A. "Changing Teachers' Attitudes and Perceptions of Science and Scientific Research" at the Association for the Education of Teachers in Science (AETS) Annual Conference in Charlotte, NC, January 2002.
22. Govett, A., Henry, L.J., & Day, C. "Greater than the Sum of its Parts: Enhancing achievement through collaborative efforts" at the National Association of Multicultural Education (N.A.M.E.) Annual Conference in Las Vegas, NV, November 2001.
23. Govett, A. & Henry, J. "Project I.M.P.A.C.T.", at the 100th School Science & Mathematics Association (SSMA) Annual Conference in Chicago, IL, November 2001.
24. Shih, J. & Govett, A. "The Impact of Integrated Science and Mathematics Methods", at the 100th 2001 SSMA Annual Conference in Chicago, IL, November 2001.
25. Govett, A.L. & Herson, C. "Strengthening Secondary Math/Science Connections", at the 100th 2001 SSMA Annual Conference in Chicago, IL, November 2001.
26. Hemler, D. & Govett, A. "Preservice Teachers' Perceptions of Themselves as Researchers" at the Association for the Education of Teachers in Science (AETS) Annual Conference in Costa Mesa, CA, January 2001.
27. Govett, A. & Henry, L.J. "I.M.P.A.C.T.: Research toward improving multidisciplinary performance and collaborative teamwork." at the Association for the Education of Teachers in Science (AETS) Annual Conference in Costa Mesa, CA, January 2001.
28. Govett, A.L. & Henry, L.J. "A Delphi Study of Desired Skills, Knowledge, and Resources of an Effective Collaborative Practitioner", 2000 Annual National Association of Research in Science Teaching in New Orleans, LA, January 2000.
29. Hemler, D. & Govett, A.L., "Preservice Teachers Experiencing Scientific Research: A Model for a Science Methods Course", 2000 Annual National Association of Research in Science Teaching in New Orleans, LA, January 2000.

30. Govett, A.L. "Students as Researchers" at 1999 National Science Teacher Association Conference (NSTA), Boston, Massachusetts, March 1999.
31. Govett, A.L., Baker, M., Anderson, M. & Rumann, S. "Critical Theory and the K-12 Teacher/Intellectual" at the Fifth Annual International Conference of Pedagogy and Theatre of the Oppressed, The Paulo Freire Institute, New York City, NY, June 1999.
32. Govett, A.L. & Dixon, J. "Integrating Technology into Preservice Teacher Education" at North Carolina Council of Teachers of Mathematics (NCCTM) and School Science and Mathematics Association (SSMA) National Conference, Greensboro, North Carolina, September-October 1999.
33. Govett, A.L. & Henry, L.J. "Diversity and Collaborative Learning: Exposing the Hidden Treasure" at National Association for Multicultural Education (NAME) 9th Annual International Conference in San Diego, California, November 1999.
34. Evans, J., Gansneder, B., Govett, A., Heatherly, S.A., Hemler, D., Obenauf, P., and Pyle, E., "Science Research experiences in Teacher Education: Radio Astronomy as a Baseline Context for Constructing Understandings of the Processes of Science", National Research in Science Teaching (NARST) Conference, Oak Brook, Illinois, March 1997.
35. Pyle, E.J., Obenauf, P., Heatherly, S.A., DiBiase, W., Hemler, D., Govett, A., Evans, J., and Gansneder, B., "The Impact of the Teacher Research Experience: Learning 'Real' Science in a 'Real' Context", Annual International Conference of the Association for the Education of Teachers in Science (AETS), Oak Brook, Illinois, March 1997.
36. Govett, A.L. "Research Experience in Teacher Preparation (RETP) Institute" National Radio Astronomy Observatory (NRAO). National Science Teachers Conference (NSTA), New Orleans, Louisiana, April 1997.

Conference Presentations: Regional

1. Govett, A. and Price J., Round Table Presentation, Partnership with a Purpose: A School and University Collaboration at the Mid-Atlantic Association for Science Teacher Education, Pipestem, West Virginia, September 27 -18, 2019.
2. Govett, A. and Barton, A., Paper Presentation, Mindfulness Education for Pre-Service Teachers in Appalachia at the Mid-Atlantic Association for Science Teacher Education, Prestonsburg, Kentucky, September 29-30, 2017.
3. Govett, Aimee and Barton, Alison; "Bringing Science of Mind to (Science) Educators: Mindfulness in the science classroom". Mid-Atlantic Association for Science Teacher Education, Gatlinburg, Tennessee, September 22-24, 2016.

4. Govett, Aimee L. **ECoSYSTEM: Engaging Community and School for Youth in STEM**, Mid-Atlantic Association of Science Teacher Education, Lore City, OH, October 23-24, 2015.
5. Govett, A.L. and Myron, M. "Learning Physics in the Real World: A collaboration of college friends, K-kids, and fifth graders." Paper presentation at the ASTE Mid-Atlantic Regional Conference, Johnson City, TN, September 2010.
6. Depelteau, Govett, Borger, and Wooten. "Symbiosis: A Landmark Assessment Study of an Integrated Bio/Math Curriculum" Poster presentation at the ASTE Mid-Atlantic Regional Conference, Johnson City, TN, September 2010.
7. Hemler, D. and Govett, A. "The Growth of a GK-12 Program: Problems and Solutions" Paper presentation at the ASTE Mid-Atlantic Regional Conference, Johnson City, TN, September 2010.
8. Govett, A.L. and Myron, M., Discussion presentation "Discovering & Living Earth-Friendly Science", Mid-Atlantic Regional Association for Science Teacher Education, Lake Lure, NC, September 2008.
9. Govett, A.L., Discussion presentation "Teaching Force and Motion to Elementary Teacher Candidates Update", Mid-Atlantic Regional Association for Science Teacher Education, Ansted, WV, September 2007.
10. Govett, A.L., Discussion presentation "Teaching Force and Motion to Elementary Teacher Candidates", Mid-Atlantic Regional Association for Science Teacher Education, Marion, VA October 2006.
11. Govett, A., Hamm, J., Turnbo, L., and Barnes, T.J. "Screaming Streaming Science Video", Southern Regional National Science Teacher Association (NSTA) Conference, Nashville, TN, November 2005.
12. Govett, A.L. and Knight, T. "Elementary Science Teaching and Learning Partnership in Northeast Tennessee (ESTLP.NT)", Mid-Atlantic Regional Association for Science Teacher Education (MAASTE), Breaks, VA, October 2005.
13. Govett, A.L. and Henry, L.J. "Greater than the Sum of Its Parts: Enhancing Achievement through Collaborative Efforts" at the Mid-Atlantic Conference on the Scholarship of Diversity, Roanoke, VA, March 2005.
14. Govett, A. and Snook, R. "Secondary Education: Teaching Evolution and the Nature of Science", at the Mid-Atlantic Association of Science Teacher Education (MA-ASTE) Annual

Conference at Roan Mountain State Park, Roan Mt., TN - Poster presentation, October 2004.

15. Govett, A.L. & Farley, J.W. Innovative Introductory Physics: A Blended Science Course for Teachers. Paper presentation, Mid-Atlantic Association of Educators of Teachers of Science 2003 Annual Meeting, October 2003.
16. Govett, A.L. Changes in In-Service Teachers' Perceptions of the Nature of Science, Mid-Atlantic (AETS) Conference, Chapel Hill, North Carolina, September 1998.

Conference Presentations: State/Local

1. Price, J., Govett, A., Davis, M., Messimer, L., Hyder, R., Ivester, R., Howard, T., and Alexander, J. Project-Based Learning: What we did and what we learned. 2018 Niswonger Foundation School Success Symposium, Greeneville, TN. June 19, 2018.
2. Magee, Govett, and Leeth, Poster: Using Nonfiction Texts and Literature Circles to Rethink Science Learning, Source Title: Handbook of Research on Science Literacy Integration in Classroom Environments, 2018 ETSU STEM Education Conference. Millennium Center, Johnson City, TN. May 31, 2018.
3. Govett, A.L. and Barton, A., The Science Behind Mindfulness Education, ETSU Conference for High-Impact Instructional Practices (CHIIPs), Center for Teaching Excellence, Sherrod Library. January 8, 2018.
4. Govett, A., Cole, G.S., (graduate student) and Disney, K. (graduate student), Interactive Workshop, Life Elevated, the Science of Flight, at the Tennessee Science Teachers Association Conference (TSTA) Also hosted eight students to attend the conference, November 9-11, 2017.
5. Govett, A. L., "Physics First Models, TN STEM Innovation Network and ETSU NE TN STEM Hub Regional meeting, Johnson City, Tennessee, March 21, 2017.
6. Govett, A.L., Bringing Science of Mind to (Science) Educators: Mindfulness in the science classroom. Annual Tennessee STEM Education Research Conference, Murfreesboro, TN, February 2-3, 2017.
7. Member of ETSU delegation - NASA's **Mission STEM Summit** on diversity and inclusivity, Washington, D.C., August 8-9, 2016.
8. Invited Participant - Greater Good Science Center: **Summer Institute for Teachers:** University of California at Berkley, California, July 24 – 29, 2016.

9. Govett, Aimee; “Bringing Science of Mind to (Science) Educators: Mindfulness in the science classroom”. Annual Tennessee STEM Education Research Conference, Murfreesboro, TN, February 2-3, 2016.
10. Govett, A.L. Partnership between Insight, the Quillen Chair, and the Center of Excellence in Mathematics and Science Education, Impacting STEM Education; Presentation to Insight Board of Directors, January 15, 2016.
11. Co-Host as Quillen Chair: with INSIGHT Training & Educational Center: **Informational STEM Training Session “Learning Blade”**, Valleybrook Research Campus, <http://thetsin.org/about/learningblade/> , November 17, 2015.
12. Panel Member: Rural Education National Forum, Columbus, OH – October 26 – 27, 2015.
13. Brown Bag Research Presentation: Professional Development for Teacher Candidates at NSTA, Clemmer College of Education, May 2015.
14. Jones, T., Laughlin, T., and Govett, A., Virtual Biology Labs (VBL) Presentation for the Biology Department Seminar, Brown Hall, September 22, 2010.
15. Govett, A. CCOE Fall Semester 2010 Brown Bag Seminar, Topic: “Performance of Service-Learning as Part of a Curriculum”.
16. Govett, A. and Meier, L. CCOE Spring Semester 2011 Brown Bag Seminar, Topic: “Discussion on Teacher Dispositions”.
17. Govett, A., CUAJ Fall 2010 Brown Bag Seminar, Topic: “Democratic Classroom”.
18. Rhoton, J., Govett, A., and Knisley, J., Panel Discussion on Future Trends and Challenges in Education, 2009 STEM Conference at the Centre at Millennium Center, Johnson City, TN. May 2009.
19. Govett, A.L. and Nivens, R., Teacher Preparation Grant Workshops: Took GK12 STEM Graduate Students as part of pedagogy experience to Presentation by campus coordinator at Pellissippi State Technical Community College, February through May 2009.
20. Myron, M., Goehring, D., and Govett, A. “Science in the Elementary Classroom”, at the 49th Annual Early Childhood Conference, Millenium Center, Johnson City, TN. July 2009.
21. Govett, A.L. Presentations “STEM (Science, Technology, Engineering, and Mathematics) Careers and Opportunities at the University School’s Fourth Annual Career Day. February 2008.

22. Govett, A.L. "Instructional Strategies for Student Achievement: Content Area – Science and Classroom Management" at the First Annual Gear-Up Tennessee State Conference. Johnson City, TN. October 2007.
23. Govett, A., Guest Speaker presented "Teaching Science as a Creative and Dynamic Experience" to the Visiting Chinese Teachers from Beijing, July 31, 2007.
24. Jones, M., Knight, B. and Govett, A. Presented via video to the Tennessee Higher Education Information Technology Symposium, April 2007.
25. Govett, A. "BlackBoard Software" Adjunct Training Institute, Department of Curriculum & Instruction, Clemmer College of Education, ETSU, June 3, 2006.
26. Govett, A. and Dosser, M. "Using Technology Effectively in the K -6 Science Curriculum" Future Teachers Conference for Preservice K-6 Licensure Students at Ball Hall, ETSU Campus, April 2006.
27. Turnbo, L., Govett, A., Hamm, J., and Barnes, T.J. "Screaming Streaming Video" Tennessee Association of School Librarians (TASL) Annual Conference at Knoxville, TN, November 2005.
28. Govett, A.L. & Farley, J.W. "Innovative Introductory Physics: A Blended Science Course for Teachers" Paper presentation/ discussion, Tennessee Academy of Science in conjunction with Tennessee Science Teachers Association, November 2003.
29. Farley, J. & Govett, A. "Integration Model: Combining science content and pedagogy." At the Nevada State Science Teachers Association Annual Conference in Las Vegas, Nevada, November 2001.
30. Govett, A. and Henry, L.J., Presented "Collaborative Group Projects: Pain Management Strategies" at the Annual Meeting of the Nevada Association of Teacher Educators (NATE) and the Nevada Association of Colleges of Teacher Education (NACTE) at the Tam Alumni Center on the UNLV Campus, November 1999.

Invited Speaker

1. March 13, 2020. Govett, Harker, Isham, Porter, and Quinn – Faculty Panel on Sustainability in the Classroom, Moderator Bidwell – ETSU Department of Sustainability.
2. May 28, 2019, Govett, A. Bite-Sized Mindfulness Practices: The ABC's of mindfulness, Invited to do Pedagogy Session for the instructors and counselors hired for the 2019 Summer Renaissance Child Camp.

3. April 23, 2019, Govett, A. Invited as a Psych Speaker Series lecturer on academic success hosted by Sherrod Library, the Counseling Center, and Clemmer College. The workshop, entitled “Mindful Movement Practices: How to Cultivate Body Awareness”, was attended by over 100 students.
4. September 20, 2018, Govett, A., Stress Management Seminar for Angela Shelton’s Early Childhood class on the Allandale campus.
5. June 26, 2018, Govett, A., Invited Speaker: Building a Partnership: Encouraging a Climate of Positive Communication and Cooperation Between Faculty and the Division of Student Affairs, 2018 ETSU Student Affairs Summer Retreat, Bristol, TN.
6. June 12-14, 2002, Govett, A. Southern Nevada Regional Professional Development Program (RPDP) Elementary Science Summer Institute: Water Quality Studies.
7. November 15, 1999, Govett, A.L. and Dixon, J.K. Science and Technology Day, The Teachers’ Workshop: Integrating technology and mathematics in science instruction. University of Nevada Las Vegas.
8. June 22-28, 1997, Behling, B., Hemler, D. and Govett, A. RockCamp: Geoscience Education in West Virginia, West Virginia Geologic Survey (1897 to 1997 - 100 Year Celebration)
9. April 23-24, 1997, Govett, A. Water Monitoring Training Workshop in collaboration with Title II Funds, Projects CATS, RuralNet, Project WET, and Monongalia County Board of Education.
10. June 23-29, 1996, Barden (Govett), A., Cheat Lake Water Quality: Discussion and Field Activities, RockCamp: Geoscience Education in West Virginia, West Virginia Geologic Survey (NSF Grant # ESI – 9155264)
11. February 22, 1996, Barden (Govett), A. Presented a workshop entitled “E4 Ecology of Stream Water”, at the Expanding Your Horizons in Math and Science at Marshall University, West Virginia.

Service Contributions

Service to the Profession

1. Thread Coordinator and proposal reviewer for International Association for Science Teacher Educators (ASTE) Conferences (Summer 2011 – Summer 2020)
2. Participant and contributor to ETSU STEM Conference Planning, TN STEM Education Leadership Council Meeting, Double Tree Hotel, Ballroom C, Murfreesboro, TN, February 2, 2017.

3. Program Chair and Host for 2016 Mid-Atlantic Association for Science Teacher Educators (ASTE) Regional Conference, Gatlinburg, TN. the Gray Fossil Site, Johnson City, TN. September 23 - 25, 2010.
4. Participant and contributor to Department of Education STEM Strategic Plan, TN STEM Education Leadership Council Meeting, Embassy Suites Hotel, Murfreesboro, TN. December 1, 2016.
5. Elections Committee Member (elected) as part of ASTE Leadership Team International association of science teacher educators, scientists, science coordinators and supervisors, and informal science educators. (January 2011-January 2013)
6. Conference Planning Committee Member for Mid-Atlantic Association for Science Teacher Educators (MA-ASTE) (Fall 2010 – Fall 2015)
7. ASTE Environmental Education Forum member (2010 to present)
8. Program Chair and Host for 2010 Mid-Atlantic Association for Science Teacher Educators (ASTE) Regional Conference. As faculty in the Center of Excellence in Mathematics and Science Education at ETSU, Dr. Jack Rhoton, Dr. Chih-Che Tai, and I hosted the 2010 Mid-Atlantic ASTE Regional Conference involving 26 presentations, and a post-conference field trip to the Gray Fossil Site, Johnson City, TN. September 23 - 25, 2010.
9. Coordinated and facilitated a pre-conference statistics based workshop “**Rasch Measurement in Science Education Workshop**”. September 22, 2010.
10. Mid-Atlantic Regional Representative (**elected**) to the Board of Directors for the Association for Science Teacher Education (2004-2009). – Responsible for biannual regional reports to the national association board of directors and for developing and maintaining a website for the Mid-Atlantic Region.
11. Member of Environmental Education Committee (**appointed**) - International Association of Educators of Teachers of Science (January 2008 – December 2009)
12. Member of Technology Education Committee (**appointed**) - International Association of Educators of Teachers of Science (January 2006 – December 2010)
13. Reviewer of the Teacher Action Research Thread for the International Association for Science Teacher Education Conference in Sacramento, CA in January 2010.
14. Thread Coordinator for Workshop Proposals for the International Association for Science Teacher Education Conference in Sacramento, CA in January 2010.

15. Coordinated and implemented four years of the ETSU and North Side NSF GK-12 Summer Workshops. (2008; 2009; 2010; 2011)
16. Member of Professional Development Committee (**appointed**) - International Association of Educators of Teachers of Science (January 2006 – January 2007), Kathy Norman, Chair.
17. AETS Professional Development Committee (**appointed**) - International Association of Educators of Teachers of Science. January 2003 - December 2005.
18. Program Chair and Host for 2004 Mid-Atlantic ASTE Regional Conference with Jack Rhoton on Roan Mountain. It was well-attended and a valuable professional exchange for the eight state region.
19. Finance committee member of the National School Science and Mathematics Association (SSMA) (2000-2003)
20. Served on Advisory Committee for Community College of Southern Nevada's (CCSN's) for the creation of a new science center and planetarium, a 66-seat theater features an Evans & Sutherland Digistar 5 high definition hemispheric video projection system. Spring 2002.
21. Reviewer for NSF 2001 F.I.P.S.E. Comprehensive Program Proposals. Reviewed proposals concerning Physics and other science education issues. May, 2001.

Service to the University

1. Manage Stress for Academic Success Safe Zone Member (2015 – 2020) ETSU Safe Zone is a community of LGBTQ allies on ETSU campus who have all undergone an orientation to being an LGBTQ ally and signed the ETSU Safe Zone pledge.
2. Invited Speaker at Student Affairs Retreat - Surveyed Faculty. June 26, 2018.
3. 2017 Central Appalachian STEM Summit - Sponsor/ Recruitment Table for College and Dept. Programs, Served on the Conference Steering Committee and hosted six students from ETSU and five teachers from Indian Trail Intermediate School. (December 5-6, 2017)
4. 2017 Fall Career & Graduate School Fair, September 27, 2017.
5. ETSU Service Showcase – Recruitment, April 2018.
6. Graduate Faculty Representative for PhD Oral Defense - SERC Department, July 26, 2018.
7. ETSU Northeast Tennessee STEM Hub Advisory Council Member: Monthly meetings (September 2012 – present)

8. **SACS Compliance Audit Leadership Team Member:** (May 2011 – May 2012) Appointed by Dr. M. Grube; Meetings every two weeks throughout summer until present; Responsible for 2 Core Requirement reports, 9 Comprehensive Standard Reports, and 2 Federal Requirement Reports.
9. Academic Freedom and Faculty Ethics Standing Committee: Bi-monthly meetings - Voting representative (2007 – 2010)
10. Member of Continuous Improvement Team - Libraries (spring 2009)
11. Sustainable Campus Fee Committee (2008- 2009)
12. Faculty Senate: Representative from the Clemmer College of Education - Meetings every other Monday during academic year (fall 2006 –spring 2009)
13. Faculty Senate: Executive Committee Member: Treasurer – Meetings every other Monday that Regular Faculty Senate does not meet; Obligations for entire calendar year (spring 2008 – 2009)
14. Faculty Senate Committee: Chair of By-Laws and Elections (2 consecutive years 2007-2009)
15. General Education Academic Counsel (2008 – 2010) – (Chair: Bill Kirkwood)
16. Institutional Review Board (IRB) Standing Committee Scientist Voting Member, main campus meets first Thursday of month for the entire calendar year (2005-2008)
17. Member of Biology Department Search Committee for Biology Instructor (2007-2008)
18. ETSU Campus Sustainability Committee; Faculty Member (2008 - 2010)
19. Member of IRB Search Committee: Director (2009-2010)
20. Masters' Thesis Committee Member: Chemistry Department candidate: Sarah Sawyer – Thesis Defense (Summer 2008)
21. Member of Biology Department Search Committee for Biology Instructor (2008)

Service to College:

1. Search Committee Member (March 2019 – May 2019) Department Education Foundations and Special Education, Assistant Professor in Education Foundations.
2. Hosted three invited speakers and five (5) Brown Bag talks for the academic year (2018-2019).

- ✚ Rachel Balkovec, an internationally known athlete and professional trainer with the Houston Astros, hired in 2016 to serve as the team's Latin American strength and conditioning coach.
 - ✚ Dr. William Veal, Professor of Teacher Education and Chemistry from the College of Charleston, SC, gave a research presentation on evaluations of MSP grants.
 - ✚ Dr. Julia Bernard gave a Trauma Informed Care Training Session on Adverse Childhood Experiences (ACEs) to over 100 participants.
 - ✚ Brown Bag Seminars: Setting Statistics Free; Trauma Informed Care Seminar; 2018 Summer Research Projects; RDC Grants: Tips for Success; and Research Computing Services.
3. As Quillen Chair, Govett hosted the Centers' of Excellence Working Lunch Meeting in fall 2018 at Wellington's Restaurant in the Carnegie Hotel.
 4. Chair of Search Committee (April – July 2016) Department Education Foundations and Special Education - Internal Search for new department chair.
 5. Member of Search Committee for Dean of Clemmer College of Education (2015-2016; and 2016-2017)
 6. ETSU Student Tennessee Education Association Advisor (2003 – 2013): responsible for:
 - ✚ Actively recruiting STEA members from all departments that offer initial teacher licensure: Curriculum and Instruction; Early Childhood, Special Education, and Physical Education programs
 - ✚ Staying aware and involved with organization leadership at the state and national levels
 - ✚ Attending Fall Leadership Conferences and Spring Delegate Assembly Conventions with student officers
 - ✚ Facilitating various community service projects: Habitat for Humanity; Book Drive and Donations to Holston Home, Greeneville, TN; and others.
 - ✚ Coordinating and hosting three Annual Future Teachers Conferences for local community colleges and university students and advisors.
 - ✚ Working closely with 2 + 2 Teacher Education Programs at Walters State Community College and Northeast State Technical Community College to ensure smooth transition of memberships, meeting with their advisors and student leadership at Fall Leadership Conferences and Spring Delegate Assembly Conventions.
 7. Cognate Doctoral Committee Member for Department of Education Leadership and Policy Analysis candidates:
 - 1) Elizabeth Shea Renfro, Dissertation Defense (Spring 2019)
 - 2) Salina Bryant, Dissertation Defense (Spring 2017)
 - 3) Angela L. Carrico, Dissertation Defense (Summer 2016)
 - 4) Lori L. Brown, Dissertation Defense (Spring 2016)
 - 5) Alex Kenneth Bray, Dissertation Defense (Spring 2016)
 - 6) David Golden, Dissertation Defense (Spring 2015)
 - 7) Gayle Gregg, Dissertation Defense (Spring 2015)
 - 8) Robert Ralston, Dissertation Defense (Spring 2015)

- 9) Charles Corwin, Dissertation Defense (Spring 2015)
 - 10) Amanda R. Carr, Dissertation Defense (Spring 2014)
 - 11) Christie Norris-Bowling, Dissertation Defense (Spring 2014)
 - 12) Martha Cantrell, Dissertation Defense ((Fall 2014)
 - 13) Marcia Fawyer, Dissertation Defense (Fall 2014)
 - 14) Erica Hope Bradley, Dissertation Defense (Spring 2014)
 - 15) Kristin Turner, Dissertation Defense (Summer 2013)
 - 16) Luke Fink, Dissertation Defense (Spring 2013)
 - 17) Stephanie Tweed, Dissertation Defense (Spring 2013)
 - 18) Pauletta J. Johnson, Dissertation Defense (Spring 2011)
 - 19) Sharon Pickering, Dissertation Defense (Spring 2010)
 - 20) Johnnie Sue Hawley, (Prospectus complete Spring 2010, NC)
 - 21) John Emerson Robinette, Dissertation Defense (Spring 2011)
 - 22) Harold Lamar Smith, Dissertation Defense (Spring 2011)
 - 23) Jonathan Rysewyk, Dissertation Defense (Spring 2008)
 - 24) Corey Gardenhour, Dissertation Defense (Summer 2008)
8. Member of various ELPA/PPSL screening committees during fall 2007 - spring 2012.
 9. Chair and Member of various search committees for faculty positions in department and college: (2003-2009)
 10. Clemmer College of Education Centennial Steering Committee Member: Began October 2010; helped to plan Centennial Events for CCOE focusing on Service to the Community, presented October 2011.
 11. Clemmer College of Education Promotion and Tenure Committee Chair (2010); Co-Chair (2011)
 12. Teacher Education Advisory Council Member (2005 – 2017)
 13. Clemmer College of Education By-Laws Task Force: Charge: Create by-laws for the CCOE (2008)

Service to Department

1. Orientation Advisor for Undergraduates in Summer sessions (2016-2019)
2. Chair of Search Committee (2019) Department Curriculum and Instruction, Asst. Prof Reading/Literacy Education Position, both successful.
3. Chair of Search Committee (November 2017-July 2018) Department Curriculum and Instruction, Asst. Prof Reading/Literacy Education Position, successful.
4. Chair of Search Committee: (November 2015) Department Curriculum & Instruction: master clinician, successful.

5. Chair of Search Committee (Spring-Summer - 2009) for position of Cohort educator in Curriculum & Instruction
6. Chair of Search Committee (2007 - 2008) for position of secondary/middle science educator in Curriculum & Instruction (Center for Excellence in Mathematics and Science Education)
7. ETSU Wellness Committee (2004-2006) Appointed by the Chair of the Faculty Senate Committee on Committees as Member-at-Large.
8. Chair of Search Committee (2009-2010) Assistant Professor Elementary Generalist for off-campus cohorts.
9. Search Committee Member (2009-2010): Clinical Instructor for Department of Curriculum and Instruction.
10. Chair of Search Committee (Spring-Summer - 2009) for position of Cohort educator in Curriculum and Instruction.
11. Chair of Search Committee (2007 - 2008) for position of secondary/middle science educator in Curriculum & Instruction (Center for Excellence in Mathematics and Science Education)
12. Coordinator for the MAT Program:
 - ✚ Entrance Interviews to evaluate MAT candidates.
 - ✚ Cohort Recruitment Meetings
 - ✚ Transcript analyses
 - ✚ MAT Orientation
 - ✚ To enhance recruitment of highly qualified STEM teachers: Adopted Accelerated Bachelors to Master curriculum Program of Study
 - ✚ Student Teaching paperwork including facilitating forms: graduate intention; oral committee; substitution forms, transfer of credit; programs of study; and others.
 - ✚ Capstone projects (educative Teacher Performance Assessment – edTPA)
 - ✚ Overseeing oral examinations and exit interviews and surveys
 - ✚ Pinning and Hooding Ceremony
 - ✚ MAT Website updated and regularly revised to reflect program revisions and recruitment information. <https://www.etsu.edu/coe/cuai/graduate/mat/>
 - ✚ Job-embedded option proposal accepted and expanded: One (1) graduate 2017; Two (2) graduates 2018; Five (5) graduates 2019.

Service to the Community: Synergistic Products







1. (October 29, 2019 – ongoing) President of Board of Directors Huschka House, Inc. (501c3 status). This is a transitional living program for young adults aging out of the foster care system that provides them with the skills and services they need to be successful as adults. We help them with affordable housing, life skills, case management, and counseling services.

2. (March 2, 2020) Johnson City Community Conversation on Recruiting and Retaining Teachers, The Langston Centre, 315 Elm Street, Johnson City, TN 37601.
3. (Summer 2019) Facilitated weekly Stress GPS Series for Governor's School in Integration of Biological and Statistical Sciences – 30 high school students. I also am responsible for assisting with the annual review and selection of students from 100's of applicants and act as a speaker at the closing graduation ceremonies.
4. (June 2019) Volunteer at the World championship of the MATE (Marine Advanced Technology Education) Competition at the Kingsport Aquatic Center, Kingsport, TN.
5. (March 2019) Dr. Emily Pritchard, STEM Coordinator for Upward, and Dr. Ronnie Gross, Director of the ETSU Trio Program asked me to advise and assist in developing STEM Curriculum for the 2019 Upward Bound Summer Program. I assisted in recruiting STEM Instructors and counselors for the program. There are 271 students in this program.
6. (2018-2019) Worked with biology faculty at ETSU with the goal of recruiting teachers to create K-12 modules using our EagleCams <https://www.etsu.edu/cas/biology/eagle-cam/cameras.php> as a resource for them to teach their students about our Bald Eagles.
7. (2018-2019) Working with Dr. Jamie Price, Assistant Professor in mathematics education, Department of Curriculum and Instruction, we offered professional development and guidance to a local intermediate school (Grades 5-6) with a population of 1209 students and 68 classroom teachers. They wanted to implement a STEM curriculum including project-based and problem-based learning and other active teaching and learning strategies and assistance in the application process for Tennessee STEM School Designation.
8. (September 20, 2018) Attended Naturalization Ceremony for 100 participants at Brooks Gym on ETSU Campus to act as a sponsor for a student.
9. (1998 to 2020) Project WET Facilitator: Presentations of Project WET Curriculum Workshop to local schools and to science methods classes.
10. (2014-2017) Community outreach programs for Johnson City and Kingsport City: local after-school and summer STEM projects and assisting with grant writing (CCLI – 21st century Community Learning Centers (CCLI and Insight Team) and Lottery for Education: Afterschool Programs -LEAPs). The main community partner was Insight Training and Educational Center.
11. **T.W.I.S.T.E.R. - Tennessee Women in STEM Education and Research** - Collaboration with Million Women Mentors (MWM) a coalition of all women STEM professionals that have committed to mentoring young women to help them pursue science, technology,

engineering, and mathematics research and education; sponsored by ETSU Quillen Chair of STEM Education. <http://www.millionwomenmentors.org/>

12. **Keep Johnson City Beautiful:** With students from Elementary science methods program, we did a litter survey and for “Keep Washington County Beautiful”: We helped to adopt and monitor Brush Creek from its headwaters through its flow through Downtown Johnson City. Johnson City has accepted a bid to “unearth” Brush Creek where it has been channeled underground for over 40 years and the disruption of the natural floodplain. There is a plan in place now to alleviate the flooding that occurs due to the two major culprits: Brush Creek, which parallels ETSU, and King Creek, which meets with Brush Creek in heart of the city.
13. **Jonesborough Green Committee Volunteer:** Researched and served as consultant for community composting; compost bins; and rain barrels for community to promote green, sustainable gardening and yard care.
14. **Organized “Night with the Stars”:** (October 21, 2010) at North Side Elementary School for parents, students, and community; Dr. Gary Henson and his Astronomy Club members brought four large Cassegrain Reflecting Telescopes and other equipment (celestial spheres, a moon globe, an orrery, and some simple handheld spectroscopes) along with their expertise. It was a great night of moon (almost full) gazing; Jupiter and Sombrero Galaxy gazing along with many others.
15. **TWISTER Conference – Visiting Scientist** (February 10, 2007) Tennessee Women In Science, Technology, Engineering, and Research Conference at the Nashville Adventure Science Center to talk to young women (ages 10-18) about careers in science.

Special Awards

-  **Legacy Award, Association for Science Teacher Education, Mid-Atlantic Region, October 9, 2020**
-  **The Award for Outstanding Collaboration, Clemmer College, ETSU (2020)**
-  **Aquatic Stewardship Award – Higher Education Division, Boone Watershed Partnership (2013)**
-  **Clemmer College of Education Faculty Award for Collaboration - Teaching, Research, and Service (2011) ETSU**
-  **Clemmer College of Education Technology in Teaching Award (2006) ETSU**
-  **University of Nevada at Las Vegas Teaching Award: UNLV Alumni Academics Achievement and Commitment to Student Learning and Development Award (2002)**

- ✚ **University of Nevada at Las Vegas Teaching Award: Mitzi Hughes UNLV Alumni Outstanding Professor Award (1999-2000)**
- ✚ **Graduate Research Award - Grant-in-Aid of Research. West Virginia University (1997-1998)**
- ✚ **SIGMA XI - The Scientific Research Society, elected an Associate Member (1998).**

Retirement Date from Higher Education: December 31, 2020
New Endeavors: President of Board of Directors, Huschka House

Huschka House PO BOX 774 Johnson City, TN 37605
(423) 213-9393

<https://huschkahouse.org/>
<https://huschkahouse.org/facebook-feed>

Have you heard of Huschka House, Inc.? The mission of Huschka House (non-profit 501C3) is to provide homeless young adults aging out of foster care in Northeast Tennessee with a safe living environment, affordable housing, and supportive services in order to ensure lifelong stability and success.

Professional Development

1. Mindfulness Based Stress Reduction (MBSR) eight week introductory training. November 2020 – January 2021.
2. edTPA Workshop Series for Teacher Ed Faculty: The Academic Language of Academic Language (January 27, 2020); The Cornerstone of edTPA – Subject Specific Emphasis (February 10, 2020); Application of Backward design to edTPA (March 23, 2020); Task Two – All About Interaction and Engagement (April 13, 2020).
3. Mindful Communication six week “Mindful Schools” online course - successful completion, September 2018.
4. Attended edTPA Professional Development Workshop for Job-Embedded Teacher Candidates hosted by (Lincoln Memorial University) LMU in Knoxville, TN on June 8, 2018.
5. Mindful Educator Essentials six week “Mindful Schools” online course- successful completion, January 2018.

6. Attended European Science Education Research Association (ESERA), Dublin, Ireland, August 18-26, 2017.
7. Mindful Leadership Summit, Gaylord National Resort and Convention Center, National Harbor, MD – April 21-22, 2017.
8. Deans Research Series: Building Academic Centers of Excellence: By Dr. David Drew – March 22, 2017.
9. Mindfulness Fundamentals six-week “Mindful Schools” online course- successful completion, January 2017.
10. Attended TN edTPA Conference, Tennessee Tech, Cookeville, TN. November 3-4, 2016.
11. Attended Designing High Quality Rubrics by Dr. Lance Tomei, former Director of Assessment, Accreditation, and Data Management at the University of Central Florida, - October 14, 2016.
12. Attended Fall Lecture Series: Promoting a Culture for Continuous Quality Improvement by Dr. Lance Tomei – October 13, 2016.
13. Attended Summer Institute for Educators at the Greater Good Science Center, University of California, Berkeley, California (76 participants selected from 14 countries and over 15 U.S. states); Seminar -social and emotional learning core competencies, integrating mindfulness into education, and conflict resolution using prosocial competencies and cultivating a positive school climate, July 24 – 29, 2016.
14. Attended 2015 edTPA Conference at Tennessee Tech University Campus, Cookeville, TN. November 12-13, 2015.
15. Attended Niswonger Foundation Rural Education Summit, “The Role of Rural Education in the 21st Century”, Greeneville, TN, March 31, 2015.
16. National Science Education Leadership Association (NSELA) – participated in the evaluation of the EQUIP Rubric for the Next Generation Science Standards curriculum, November 6, 2014.
17. Participated in TEAMS Professional Development Conference: Discovering the waters of Tennessee, Winchester, TN hosted by Tennessee Educators of Aquatic and Marine Science, May 4 – 6. 2012.
18. Faculty Technology Leadership – GRAD 7800 – Fall 2010 and spring 2011

19. Attended FINESSE – Faculty Institutes for NASA Earth and Space Science Education – 16 hours of PD Training to discover, develop, and share inquiry-based tools with Earth and space science data to engage future teachers in science. January 18-19, 2011.
20. Robert Noyce Teacher Scholarship Conference, Washington, D.C., July 2010.
21. STEM Conference hosted by the Center of Excellence in Mathematics and Science Education, Johnson City, TN, May 2010.
22. Attended National Lab Day, STEM professional contributor as advisor and curriculum specialist, Washington D.C., May 12, 2010. (www.nationallabday.org)
23. Assessment presentations for the GK12 Grant – 2nd Year and 3rd Review in Washington, DC. March 2009 and March 2010.
24. Participant in TN- Stem Research Conference, Murfreesboro, TN. February 19-20, 2009.
25. Participant at ETSU Mathematics and Science Education Conference, Johnson City, TN, May 29-30, 2008.
26. Participant in DOE Real world Design Challenge Workshop at the Oak Ridge National Laboratory, Oak Ridge, TN. July 22, 2008.
27. Participant in TN- Stem Collaboration Catalyst Conference at Tennessee Tech University, Cookeville, TN. December 17-18, 2007.
28. Attended the Howard Hughes Quantitative Biology Workshop, Carnegie Hotel, Johnson City, TN. July 18-19, 2007.
29. Attended “Tennessee Board of Regents – Teacher Preparation Partnership Workshop” at Pellissippi State Technical Community College, May 7-9, 2007.
30. Completed Desire2Learn Workshops – Introduction and Advanced, April 27 and July 10, 2007.
31. Attended “National Science Foundation Day” at Oak Ridge National Laboratory; Oak Ridge Associated Universities, April 19, 2007.
32. Attended the ASTE workshop entitled “Effective and Efficient Reporting of Complex Science Education Professional Development Projects and Teacher Education Research Studies in Journals”. This was an interactive workshop requiring submission of a manuscript in progress, January 2007.

33. Attended workshop seminar “The Top 7 Tips for 2007: What every IRB should know.” In Sherrod Library, January 17, 2007.
34. Attended three Grant related workshops through the Office of Research Development: Finding Internal Grant Opportunities; Finding Funding Opportunities for Grants; and Grant Writing. (2004)
35. Attended a three-part workshop presented by the Office of Sponsored Programs regarding training for the National Science Foundation's on-line proposal submission system, FASTLANE: Overview of the FASTLANE system; PI information in NSF Database; and Post-award FASTLANE functions. (2000)
36. Participation in Appalachian Region Instructional Materials Workshop West Virginia Coordinated and Thematic Science (CATS) (March 15-017, 1998)
37. Rivers Curriculum Project, National Project to develop “The Rivers Curriculum”, National science Foundation Grant, NSF Rivers Project, PI Dr. Robert Williams. Principia College, Elsah, Illinois (August 1993)
38. Biotechnology Outreach Workshop participant (Benedum Foundation Grant Project) working with DNA extraction and electrophoresis, West Virginia University. March 1992.