



Curriculum Vitae
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Instructor: Michael K. Ponton, Professor

Academic Department: Higher Education and Learning Technologies

University Address: Higher Education and Learning Technologies
Frank Young Education North 102
Texas A&M University-Commerce
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Commerce, TX 75429-3011

University Email Address: Michael.Ponton@tamuc.edu

EDUCATION

Doctor of Education in Higher Education Administration
The George Washington University, 1999

Master of Science in Aeroacoustics
The George Washington University, 1991

Bachelor of Science in Physics
Old Dominion University, 1983

PROFESSIONAL EXPERIENCES

2019–Present: Professor, Texas A&M University-Commerce
2022: Assistant Head, Department of Educational Leadership
2021–Present: Editor, *Literature Reviews in Education and Human Services*
2018–Present: Editor, *International Journal of Self-Directed Learning*
2003–2019: Professor of Education, Regent University (RU)
2009–2019: Chair for the Higher Education Concentration (EdS, EdD, PhD), RU
2016–2017: Guest Editor, *International Journal of Self-Directed Learning*
2015–2017: Associate Editor, *International Journal of Self-Directed Learning*
2012–2014: Assistant for Academic Affairs to the Executive Vice President, RU
2012–2014: SACSCOC Accreditation Liaison, RU

2013: Interim Dean of the School of Education, RU

2011: Assistant for Curriculum and Instruction Review to the Executive Vice President, RU

2011: Assistant to the Vice President for Academic Affairs, RU

2006–2011: Assistant for Curriculum and Instruction Review to the Vice President for Academic Affairs, RU

2005–2009: Program Coordinator for the MEd in Student Affairs, RU

2001–2003: Associate Professor of Higher Education and Senior Research & Development Engineer, University of Mississippi

1999–2001: Assistant Professor of Higher Education and Senior Research & Development Engineer, University of Mississippi

1998–1999: Director of the Supersonic Jet Noise Laboratory, NASA Langley Research Center

1987–1999: Aerospace Engineer, NASA Langley Research Center

1998–1999: Adjunct Instructor, The George Washington University

1994–1995: Adjunct Instructor, Thomas Nelson Community College

1983–1987: Senior Acoustics Engineer/Acoustics Engineer, PRC-Kentron (assigned to NASA Langley Research Center)

1984–1985: Adjunct Instructor, Kee Business College

1981–1982: Mechanical Engineer/Mechanical Engineer Trainee, Applied Technology Laboratory, Ft. Eustis

COURSES CONDUCTED

Agentic Learning—graduate level (online)

The Law of Higher Education—graduate level (online)

Policy Making in Higher Education—graduate level (online)

Curriculum Development in Higher Education—graduate level (online)

Teaching & Learning in Higher Education—graduate level (online)

Research Methodology—graduate level (online)

Writing a Literature Review—graduate level (online)

Research Design and Analysis—graduate level (face-to-face and online)

Advanced Research Design and Analysis—graduate level (online)

Advanced Contemporary Issues in Higher Education—graduate level (online)

Advanced Research Review in Educational Psychology—graduate level (online)

Administration & Organization Theory in Higher Education—graduate level (online)

The College and the Student—graduate level (online)
History of American Adult Programs—graduate level (online)
Educational Statistics—graduate level (face-to-face and online)
The Adult Learner—graduate level (face-to-face and online)
The Community College—graduate level (face-to-face and online)
College Teaching—graduate level (face-to-face and online)
Human Resource Development—graduate level (online)
History of Higher Education—graduate level (face-to-face)
Internship—graduate level (online)
Managing Computer Applications—graduate level (online)
History of American Higher Education—undergraduate level (face-to-face)
Educational Psychology—undergraduate level (face-to-face)
Special Projects in Engineering Science—undergraduate level (face-to-face)
Algebra—developmental level (face-to-face)
Systems Analysis and Design—nondegree (face-to-face)
Introduction to Computer Operating Systems—nondegree (face-to-face)
Introduction to Data Processing—nondegree (face-to-face)
Business Mathematics—nondegree (face-to-face)

DOCTORAL DISSERTATIONS SUPERVISED
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26. Linda Jena, Ed.D. (2023). *Experiences and Outcomes Associated With Students Who Self-Select Into Living-Learning Communities at a R3 University.*
25. Antwan L. Perry, Ed.D. (2018). *Black Male Student Success in Higher Education: A Case Study of the Meyerhoff Scholars Program.*
24. Stephanie Snyder, Ph.D. (2017). *Predicting the Graduation of Ph.D. Candidates in Online Programs.*
23. Jamie C. Stewart, Ed.D. (2017). *The Effect of a Leadership Development Course on Student Members of a Coeducational Greek-Letter Fraternity.*
22. Denise A. Foster, Ph.D. (2017). *The Effects of Mindfulness Training on Perceived Level of Stress and Performance-Related Attributes in Baccalaureate Nursing Students.*
21. Ryan P. Murnane, Ph.D. (2017). *Exploring Higher Education Trustee Perception of Institutional Culture.*

20. David L. Ginnings, Ed.D. (2016). *The Effect of a Self-Efficacy in Autonomous Learning Treatment on Academic Achievement of Online Doctoral Students.*
19. Esther A. Alcindor, Ph.D. (2015). *The Effect of an Intervention on Math Anxiety, Math Self-Efficacy, and CBASE Math Scores Among Preservice Teachers.*
18. Kevin L. Welch, Ed.D. (2014). *The Relationship Between Religiousness and Spirituality With Student Persistence.*
17. Gilbert L. Adams, Ed.D. (2013). *A Comparison of Student Outcomes and Overall Retention Between a 10-Week Accelerated and a 15-Week Traditional Curriculum in a Postsecondary Apprenticeship Training Program.*
16. Garry W. Carter, Jr., Ed.D. (2013). *Predicting Completion Rates at a Postsecondary Career and Technical School.*
15. Anastasia L. Betts, Ph.D. (2012). *The Measurement of Personal Responsibility in Adult Learning.*
14. John R. Kirk, Ed.D. (2012). *Gender-Based Barriers Experienced by Male Students in an Online RN-to-BSN Nursing Program.*
13. Judith R. Coats, Ed.D. (2012). *The Reed & Kellogg System of Sentence Diagramming and its Implementation in Higher Education.*
12. Justin M. Oliver, Ed.D. (2012). *The Relationship Between Learning/Study Strategies and Gains in Algebra I Competency Among Developmental Mathematics Students.*
11. Adam Focht, Ed.D. (2011). *Identifying Primary Characteristics of Servant Leadership: A Delphi Study.*
10. John W. Washatka, Ed.D. (2010). *The Development of Cognitive Moral Reasoning in an Adult Degree Completion Program.*
9. Gregory L. Hartley, Ed.D. (2007). *A Study of Discipleship at Abundant Life Fellowship Church.*
8. Henry F. Kelly IV, Ed.D. (2006). *Comparison of Student Evaluations of Teaching Between Online and Face-to-Face Courses.*
7. Jonathan W. Kohns, Ed.D. (2006). *The Measurement of an Adult's Perceptions of Personal Responsibility in Self-Directed Learning.*
6. James D. Burnham, Ph.D. (2004). *An Exploration of the Deterrents to Demonstrate and Seek Proficiency in Adult Basic Education Among Blue Collar Workers.*
5. Jason S. Dean, Ph.D. (2003). *The Effects of Greek Membership on Student's Alcohol Consumption Rates, Social Norms Perceptions, and Negative Consequences at an Institution Utilizing Delayed Recruitment.*

4. Paula L. Stubbs, Ph.D. (2003). *Physical Therapy Clinicians' Perspectives of Important Cardiopulmonary Competencies for Clinical Practice.*
3. Ruth M. Burgess, Ph.D. (2003). *Student Recruitment Strategies in Entry Level Physical Therapist Educational Programs.*
2. James Michael Hall, Ph.D. (2002). *A Comparative Analysis of Mathematics Self-Efficacy of Developmental and Non-Developmental College Freshman Mathematics Students.*
1. Marion E. Dunn, Ph.D. (2001). *A Comparison Between Mississippi and the Nation With Regard to Public Postsecondary Enrollment for Nontraditional Students.*

MAJOR COMMITTEE SERVICE – Current and Past

Texas A&M University-Commerce (TAMUC) Graduate Council (member)

TAMUC Graduate Council Graduate Faculty, Research, and Instruction Committee (member)

TAMUC Graduate Council Scholarship Committee (member)

TAMUC Hearing Committee (member)

TAMUC Faculty Development Leave Committee (alternate member)

TAMUC Faculty Senate (member)

TAMUC Faculty Senate Academic Life Committee (chair)

TAMUC Faculty Senate Executive Council (member)

TAMUC College of Education and Human Services Tenure and Promotion Committee (member)

TAMUC Dept. of Higher Education and Learning Technologies Ed.D. Committee (member), Curriculum Committee (member)

Regent University (RU) Curriculum and Instruction Review Committee (chair, member)

RU Faculty Senate (member)

RU Faculty Excellence Award Committee (member)

RU Institutional Effectiveness Committee (chair, member)

RU SACSCOC Fifth-Year Interim Report Leadership Committee (chair)

RU Advisory Committee for the Center for Teaching and Learning (member)

RU School of Education (SOE) Ed.S./Ed.D./Ph.D. Committee (member)

RU SOE Doctoral Fellowship Selection Committee (chair, member)

RU SOE Doctoral Handbook Subcommittee (member)

RU SOE M.Ed. in Student Affairs Committee (chair, member)

University of Mississippi (UM) Graduate Council (member)

UM Faculty Senate (member)

UM Faculty Senate General Academic Affairs (chair)

UM Faculty Senate Executive Committee (member)

UM Committee on Committees (member)

UM Research Board (member)

UM Committee on Student Organizations (member)

UM Alcohol Task Force (member)

UM Cultural Audit Committee (member)

UM Graduate Council Subcommittee on Distance Education (member)

UM Graduate Council Subcommittee on Graduate Certificate Programs (member)

UM Dept. of Leadership and Counselor Education Research and Statistics Committee (member)

PUBLICATIONS

Total article citations = 5,223, h-index = 31, i10-index = 59 (<https://scholar.google.com/statistics> as of 10-31-23)

REFEREED JOURNAL ARTICLES

60. Ponton, M. K. (2023). Executive compensation for top-ranked private universities in the United States: A study of a 2-decade change. *International Research in Education*, 11(2), 94–105. <https://doi.org/10.5296/ire.v11i2.21422>
59. Ponton, M. K. (2023). The determination of citation metrics for the *International Journal of Self-Directed Learning*. *International Journal of Self-Directed Learning*, 20(2), 23–33. <https://www.sdlglobal.com/journals>
58. Ponton, M. K. (2023). Citation metrics for editors of top-ranked journals related to higher education: A descriptive study. *Journal of Studies in Education*, 13(3), 21–28. <https://doi.org/10.5296/jse.v13i3.21155>
57. Ponton, M. K. (2023). Long to Confessore to Ponton: A line of self-directed learning theorizing. *International Journal of Self-Directed Learning*, 20(1), 1–15. <https://www.sdlglobal.com/journals>

56. Ponton, M. K. (2023). Non-United States-based authors publishing in the International Journal of Self-Directed Learning. *International Journal of Education and Social Science Research*, 6(1), 213–222. <https://doi.org/10.37500/IJESSR.2023.6114>
55. Ponton, M. K., & Dondlinger, M. J. (2022). A sociocognitive discussion of learning resource selection in self-directed learning. *International Journal of Learning and Development*, 12(2), 46–56. <https://doi.org/10.5296/ijld.v12i2.19924>
54. Ponton, M. K. (2021). Weak self-efficacy versus strong self-inefficacy: A comment on the conceptual difference. *International Journal of Social Science Research*, 9(2), 1–7. <https://doi.org/10.5296/ijssr.v9i2.18244>
53. Ponton, M. K. (2021). A teaching strategy based upon a model of agentic learning. *Journal of Studies in Education*, 11(1), 1–11. <https://doi.org/10.5296/jse.v11i1.18125>
52. Burnham, J. D., & Ponton, M. K. (2021). An exploration of the deterrents to adult basic education among blue collar workers. *Journal of Studies in Education*, 11(1), 26–40. <https://doi.org/10.5296/jse.v11i1.18169>
51. Ponton, M. K., & Carr, P. B. (2020). An exploratory study of the University of Oxford tutorial method regarding its relationship to learner autonomy. *Global Journal of Educational Studies*, 6(2), 10–17. <https://doi.org/10.5296/gjes.v6i2.17400>
50. Ponton, M. K. (2020). Group learning through the lens of learner autonomy. *International Journal of Learning and Development*, 10(2), 23–35. <https://doi.org/10.5296/ijld.v10i2.17144>
49. Rovai, A. P., Ponton, M. K., Derrick, M. G., Wiggers, N. R., & Flannagan, J. S. (2020). An exploration of attitudinal and situational factors related to intrinsic motivation and autonomy in teacher education students. *International Journal of Education*, 12(1), 99–117. <https://doi.org/10.5296/ije.v12i1.16160>
48. Ponton, M. K. (2019). Organizational behavior and agency: A conceptual analogy with individual agency. *International Journal of Education and Social Science Research*, 2(5), 185–191. http://ijessr.com/uploads2019/ijessr_02_210.pdf
47. Ponton, M. K. (2019). Moving from ISDLS paper to *IJSDL* article: Recommendations from the editor. *International Journal of Self-Directed Learning*, 16(1), 12–18. <https://www.sdlglobal.com/journals>
46. Ponton, M. K. (2018). Learner Autonomy Profile: An estimation of normative statistics for nontraditional adults in the United States. *International Journal of Education and Social Science Research*, 1(6), 1–10. http://ijessr.com/uploads/ijessr_01_87.pdf
45. Ponton, M. K. (2018). Self-efficacy in autonomous learning: A preliminary study of full professors. *International Journal of Self-Directed Learning*, 15(1), 31–42. <https://www.sdlglobal.com/journals>
44. Ponton, M. K., & Rovai, A. P. (2018). Exact solution for pooled standard deviation. *International Journal of Education and Social Science*, 5(1), 22–27. <https://ijessnet.com/wp-content/uploads/2022/10/3-40.pdf>

43. Ponton, M. K. (2017). Appraisal of Learner Autonomy: An estimation of normative statistics for U.S. nontraditional adults. *International Journal of Self-Directed Learning*, 14(2), 45–52. <https://www.sdlglobal.com/journals>
42. Ginnings, D. L., & Ponton, M. K. (2017). The use of a self-efficacy in autonomous learning treatment in an online doctoral statistics course: A pilot study. *International Journal of Self-Directed Learning*, 14(1), 73–86. <https://www.sdlglobal.com/journals>
41. Ponton, M. K., & Carr, P. B. (2016). The possible role of higher education in developing learner autonomy: A quantitative exploration. *International Journal of Self-Directed Learning*, 13(1), 12–25. <https://www.sdlglobal.com/journals>
40. Ponton, M. K., Reysen, R., Wiggers, N. R., & Eskridge, T. (2015). The relationship between self-efficacy, entitlement, and motivation: A study of collegiate at-risk students. *International Journal of Self-Directed Learning*, 12(1), 41–49. <https://www.sdlglobal.com/journals>
39. Focht, A., & Ponton, M. K. (2015). Identifying primary characteristics of servant leadership: Delphi study. *International Journal of Leadership Studies*, 9(1), 1–18. <https://www.regent.edu/acad/global/publications/ijls/new/vol9iss1/1-IJLS.pdf>
38. Ponton, M. K., Carr, P. B., & Wiggers, N. R. (2014). Self-efficacy to do or self-efficacy to learn to do: A study related to perseverance. *International Journal of Self-Directed Learning*, 11(1), 29–40. <https://www.sdlglobal.com/journals>
37. Wiggers, N. R., Reysen, R., Ammeter, T., & Ponton, M. K. (2014). SI's role in promoting engagement in academics. *Supplemental Instruction Journal*, 1(1), 72–89. <https://info.umkc.edu/si/wp-content/uploads/2015/09/siJVolumeOne.IssueOne.ConferenceProceedings.pdf>
36. Kirk, J. R., O'Lynn, C., & Ponton, M. K. (2013). Perceptions of gender-based barriers for men in an online nursing completion program compared to traditional on-campus nursing programs. *Journal of Online Learning and Teaching*, 9(4), 481–488. https://jolt.merlot.org/vol9no4/kirk_1213.pdf
35. Ponton, M. K., & Carr, P. B. (2012). Autonomous learning and triadic reciprocal causation: A theoretical discussion. *International Journal of Self-Directed Learning*, 9(1), 1–10. <https://www.sdlglobal.com/journals>
34. Schuette, C. S., Ponton, M. K., & Charlton, M. L. (2012). Middle school children's career aspirations: Relationship to adult occupations and gender. *The Career Development Quarterly*, 60(1), 36–46. <https://doi.org/10.1002/j.2161-0045.2012.00004.x>
33. Ponton, M. K., Carr, P. B., Schuette, C. T., & Confessore, G. J. (2010). Self-efficacy and the Learner Autonomy Profile. *International Journal of Self-Directed Learning*, 7(2), 54–63. <https://www.sdlglobal.com/journals>
32. Schuette, C. T., Wighting, M. J., Spaulding, L. S., Ponton, M. K., & Betts, A. L. (2010). Factors that influence teachers' views on standardized tests. *Teacher Educators' Journal*, 17, 27–40.

31. Ponton, M. K., Schuette, C. S., & Confessore, G. J. (2009). An agentic perspective of self-directed learning as applied to children. *International Journal of Self-Directed Learning*, 6(1), 46–58. <https://www.sdlglobal.com/journals>
30. Ponton, M. K., & Schuette, C. T. (2008). The Learner Autonomy Profile: A discussion of scale combination to measure autonomous learning. *International Journal of Self-Directed Learning*, 5(1), 55–60. <https://www.sdlglobal.com/journals>
29. Rhea, N. E., Rovai, A. P., Ponton, M. K., Derrick, M. G., & Davis, J. M. (2007). The effect of computer-mediated communication on anonymous end-of-course teaching evaluations. *International Journal on E-Learning*, 6(4), 581–592.
28. Kelly, H. F., Ponton, M. K., & Rovai, A. P. (2007). A comparison of student evaluations of teaching between online and face-to-face courses. *Internet and Higher Education*, 10, 89–101.
27. Rovai, A. P., Ponton, M. K., Wighting, M. J., & Baker, J. D. (2007). A comparative analysis of student motivation in traditional classroom and e-learning courses. *International Journal on E-Learning*, 6(3), 413–432.
26. Derrick, M. G., Rovai, A. P., Ponton, M. K., Confessore, G. J., & Carr, P. B. (2007). An examination of the relationship of gender, marital status, and prior educational attainment and learner autonomy. *Educational Research and Reviews*, 2(1), 1–8.
25. Ponton, M. K., & Rhea, N. E. (2006). Autonomous learning from a social cognitive perspective. *New Horizons in Adult Education & Human Resource Development*, 20(2), 38–49. <https://doi.org/10.1002/nha3.10250>
24. Rovai, A. P., Ponton, M. K., Derrick, M. G., & Davis, J. M. (2006). Student evaluation of teaching in the virtual and traditional classrooms: A comparative analysis. *Internet and Higher Education*, 9(1), 23–35. <https://doi.org/10.1016/j.iheduc.2005.11.002>
23. Kohns, J. W., & Ponton, M. K. (2006). Understanding responsibility: A self-directed learning application of the Triangle Model of Responsibility. *New Horizons in Adult Education & Human Resource Development*, 20(4), 16–27. <https://doi.org/10.1002/nha3.10266>
22. Ponton, M. K., Derrick, M. G., Hall, J. M., Rhea, N. E., & Carr, P. B. (2005). The relationship between self-efficacy and autonomous learning: The development of new instrumentation. *International Journal of Self-Directed Learning*, 2(1), 50–61. <https://www.sdlglobal.com/journals>
21. Derrick, M. G., Ponton, M. K., & Carr, P. B. (2005). Enhancing and facilitating self-efficacious behaviors in distance learning environments. *New Horizons in Adult Education & Human Resource Development*, 19(3), 4–11. <https://doi.org/10.1002/nha3.10220>
20. Derrick, M. G., Ponton, M. K., & Carr, P. B. (2005). A preliminary analysis of learner autonomy in online and face-to-face settings. *International Journal of Self-Directed Learning*, 2(1), 62–70. <https://www.sdlglobal.com/journals>

19. Ponton, M. K., Derrick, M. G., & Carr, P. B. (2005). The relationship between resourcefulness and persistence in adult autonomous learning. *Adult Education Quarterly*, 55(2), 116–128. <https://doi.org/10.1177/0741713604271848>
18. Hall, J. M., & Ponton, M. K. (2005). Mathematics self-efficacy of college freshmen. *Journal of Developmental Education*, 28(3), 26–33.
17. Rovai, A. P., & Ponton, M. K. (2005). An examination of sense of classroom community and learning among African American and Caucasian graduate students. *Journal of Asynchronous Learning Networks*, 9(3), 77–92. <https://doi.org/10.24059/olj.v9i3.1786>
16. Ponton, M. K., Derrick, M. G., Confessore, G. J., & Rhea, N. E. (2005). The role of self-efficacy in autonomous learning. *International Journal of Self-Directed Learning*, 2(2), 81–90. <https://www.sdlglobal.com/journals>
15. Burgess, R. M., Ponton, M. K., & Weber, M. D. (2004). Student recruitment strategies in professional physical therapist education programs. *Journal of Physical Therapy Education*, 18(2), 22–30.
14. Ponton, M. K., Carr, P. B., & Derrick, M. G. (2004). A path analysis of the conative factors associated with autonomous learning. *International Journal of Self-Directed Learning*, 1(1), 59–69. <https://www.sdlglobal.com/journals>
13. Ukeiley, L. S., Ponton, M. K., Seiner, J. M., Jansen, B. J. (2004). Suppression of pressure loads in cavity flows. *AIAA Journal*, 42(1), 70–79. <https://doi.org/10.2514/1.9032>
12. Ukeiley, L. S., & Ponton, M. K. (2004). On the near field pressure of a transonic axisymmetric jet. *International Journal of Aeroacoustics*, 3(1), 43–66. <https://doi.org/10.1260/147547204323022257>
11. Derrick, M. G., Carr, P. B., & Ponton, M. K. (2003). Facilitating and understanding autonomy in adult learners. *New Horizons in Adult Education & Human Resource Development*, 17(2). <https://doi.org/10.1002/nha3.10162>
10. Ponton, M. K., Sullivan, K., Kendricks, M. R., & Seiner, J. M. (2003). Introduction to engineering: An assessment of a high school course. *Journal of Science Education*, 4(2), 57–61.
9. Ponton, M. K., & Hall, J. M. (2003). A proposed relationship between postsecondary education and personal initiative for adult learners. *Current Issues in Education*, 6(17). <https://web.archive.org/web/20070720022412/http://cie.asu.edu/volume6/number17/index.html>
8. Ponton, M. K. (2002). Motivating students by building self-efficacy. *Journal of Professional Issues in Engineering Education and Practice*, 128(2), 54–57. [https://doi.org/10.1061/\(ASCE\)1052-3928\(2002\)128:2\(54\)](https://doi.org/10.1061/(ASCE)1052-3928(2002)128:2(54))
7. Ponton, M. K., Edmister, J. H., Ukeiley, L. S., & Seiner, J. M. (2001). Understanding the role of self-efficacy in engineering education. *Journal of Engineering Education*, 90(2), 247–251. <https://doi.org/10.1002/j.2168-9830.2001.tb00599.x>

6. Ponton, M. K., & Carr, P. B. (2000). Understanding and promoting autonomy in self-directed learning. *Current Research in Social Psychology*, 5(19), 271–284. <https://crisp.org.uiowa.edu/sites/crisp.org.uiowa.edu/files/2020-04/5.19.pdf>
5. Ponton, M. K. (1998). A simple approximation for the calculation of probabilities in normal distributions. *Current Research in Social Psychology*, 3(6), 69–73. <https://crisp.org.uiowa.edu/sites/crisp.org.uiowa.edu/files/2020-04/3.6.pdf>
4. Ponton, M. K., & Seiner, J. M. (1995). An acoustic study of the B helical mode for a choked axisymmetric nozzle. *AIAA Journal*, 33(3), 413–420. <https://doi.org/10.2514/3.12402>
3. Seiner, J. M., Bhat, T. R. S., & Ponton, M. K. (1994). Mach wave emission from a high-temperature supersonic jet. *AIAA Journal*, 32(12), 2345–2350. <https://doi.org/10.2514/3.12298>
2. Ponton, M. K., & Seiner, J. M. (1992). The effects of nozzle exit lip thickness on plume resonance. *Journal of Sound and Vibration*, 154(3), 531–549. [https://doi.org/10.1016/0022-460X\(92\)90784-U](https://doi.org/10.1016/0022-460X(92)90784-U)
1. Seiner, J. M., Manning, J. C., & Ponton, M. K. (1988). Dynamic pressure loads associated with twin supersonic plume resonance. *AIAA Journal*, 26(8), 954–960. <https://doi.org/10.2514/6.1986-1539>

BOOKS

9. Ponton, M. K. (Ed.). (2022). *A festschrift to honor Professor Emeritus Lucy M. Guglielmino*.
8. Ponton, M. K., & Carr, P. B. (Eds.). (2016). *Autonomous and self-directed learning: Agentic perspectives*. Watertree Press.
7. Ponton, M. K. (Ed.). (2016). *A festschrift to honor Professor Paul B. Carr*.
6. Rovai, A. P., Baker, J. D., & Ponton, M. K. (2013). *Social science research design and statistics: A practitioner's guide to research methods and IBM SPSS analysis* (2nd ed.). Watertree Press.
5. Rovai, A. P., Baker, J. D., & Ponton, M. K. (2012). *Social science research design and statistics: A practitioner's guide to research methods and SPSS analysis*. Watertree Press.
4. Derrick, M. G., & Ponton, M. K. (Eds.). (2009). *Emerging directions in self-directed learning*. Discovery Association Publishing House.
3. Rovai, A. P., Ponton, M. K., & Baker, J. D. (2008). *Distance learning in higher education: A programmatic approach to planning, design, instruction, evaluation, and accreditation*. Teachers College Press.
2. Kendricks, M. R., & Ponton, M. K. (Eds.). (2002). *Introduction to engineering: A high school workbook* (2nd ed.). Erudition Books.

1. Kendricks, M. R., & Ponton, M. K. (Eds.). (2001). *Introduction to engineering: A high school workbook*. Erudition Books.

REFEREED PUBLICATIONS (NONJOURNAL)

15. Derrick, M. G., Ponton, M. K., Rhea, N. E., & Kohns, J. W. (2005). Differences in learner autonomy in online and face-to-face environments. *World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, 2005*, 1992–1997.
14. Rhea, N. E., Rovai, A. P., Ponton, M. K., Derrick, M. G., & Davis, J. M. (2005). Student comments on anonymous course evaluations: Online vs. F2F. *World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, 2005*, 2362–2368.
13. Ponton, M. K., Derrick, M. G., & Wiggers, N. R. (2004). Using asynchronous e-learning to develop autonomous learners. *World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, 2004*, 1437–1441.
12. Carr, P. B., Ponton, M. K., & Ingram, C. (2003). Creating collegial environments: Enhancing learner autonomy in the e-learning environment. In H. B. Long & Associates (Eds.), *Current developments in e-learning & self-directed learning* (pp. 44–50). International Self-Directed Learning Symposium.
11. Ponton, M. K., & Carr, P. B. (2002). The development of instrumentation that measures an adult's intention to exhibit initiative and resourcefulness in autonomous learning. In H. B. Long & Associates (Eds.), *Twenty-first century advances in self-directed learning* (pp. 223–241). Motorola University Press.
10. Ponton, M. K., Carr, P. B., & Confessore, G. J. (2000). Learning conation: A psychological perspective of personal initiative and resourcefulness. In H. B. Long & Associates (Eds.), *Practice & theory in self-directed learning* (pp. 65–82). Motorola University Press.
9. Ponton, M. K. (1999). *The measurement of an adult's intention to exhibit personal initiative in autonomous learning* (Publication No. 9949350) [Doctoral dissertation, The George Washington University]. ProQuest Dissertations and Theses Global.
8. Ponton, M. K., & Carr, P. B. (1999). *A quasi-linear behavioral model and an application to self-directed learning* (NASA Technical Memorandum 209094). NASA Langley Research Center. <https://ntrs.nasa.gov/api/citations/19990018653/downloads/19990018653.pdf>
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PAPERS/POSTERS/ABSTRACTS/WEB LOG POSTS

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71. Carr, P. B., & Ponton, M. K. (2017, February). *An exploratory study of the University of Oxford tutorial method regarding its relationship to learner autonomy* [Paper presentation]. 31st International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
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69. Ponton, M. K., & Carr, P. B. (2016, February). *The possible role of higher education in developing learner autonomy* [Paper presentation]. 30th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
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66. Ponton, M. K., Carr, P. B., & Wiggers, N. R. (2014, February). *Self-efficacy to do or self-efficacy to learn to do: A study related to persistence* [Paper presentation]. 28th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
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61. Ponton, M. K., Carr, P. B., Schuette, C. S., & Confessore, G. J. (2010, February). *Self-efficacy and the Learner Autonomy Profile* [Paper presentation]. 24th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
60. Ponton, M. K., Schuette, C. S., & Confessore, G. J. (2009, February). *An agentic perspective of self-directed learning as applied to children* [Paper presentation]. 23rd International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
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58. Schuette, C. T., & Ponton, M. K. (2008, April). *The influence of stereotypes and role models on middle school children's career aspirations* [Poster presentation]. 3rd Gender Development Research Conference, San Francisco, CA, United States.
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55. Powell, B., Ponton, M. K., & Derrick, M. G. (2008, January). *A mixed method study of autonomous learning among successful doctoral students* [Paper presentation]. 22nd International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
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52. Derrick, M. G., Ponton, M. K., Rhea, N. E., & Kohns, J. W. (2005, October). *Differences in learner autonomy in online and face-to-face environments* [Paper presentation]. Association for the Advancement of Computing in Education World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Vancouver, BC, Canada.
51. Rhea, N. E., Rovai, A. P., Ponton, M. K., Derrick, M. G., & Davis, J. M. (2005, October). *Student comments on anonymous course evaluations: Online vs. F2F* [Paper presentation]. Association for the Advancement of Computing in Education World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Vancouver, BC, Canada.

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49. Ponton, M. K., Derrick, M. G., Confessore, G. J., & Rhea, N. E. (2005, February). *The role of self-efficacy in autonomous learning* [Paper presentation]. 19th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
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24. Seiner, J. M., Ukeiley, L. S., & Ponton, M. K. (1999). *Jet noise source measurements using PIV* [Paper presentation]. 5th AIAA/CEAS Aeroacoustics Conference, Bellevue, WA, United States.
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22. Ponton, M. K., Carr, P. B., & Confessore, G. J. (1999, February). *Learning conation: A psychological perspective of personal initiative and resourcefulness* [Paper presentation]. 13th International Symposium on Self-Directed Learning, Scottsdale, AZ, United States.
21. Ponton, M. K. (1999). *The reduced emphasis of teaching undergraduates: A historical perspective* (ED422787). ERIC.
20. Ponton, M. K. (1999). *Birnbaum's model of the collegial institution* (ED422786). ERIC.
19. Ponton, M. K., & Confessore, G. J. (1998, February). *Characteristic behaviors of personal initiative: A conate associated with self-directed learning* [Paper presentation]. 12th International Symposium on Self-Directed Learning, Kissimmee, FL, United States.
18. Seiner, J. M., Ponton, M. K., Jansen, B. J., Dash, S. M., & Kenakowski, D. C. (1997, June). *Installation effects on high speed plume evolution* [Paper presentation]. ASME Fluids Engineering Division Summer Meeting.
17. Seiner, J. M., Ponton, M. K., Re, R., Ingraldi, A. M., & Guthrie, A. (1993, October). *Aeroacoustic and static aeropropulsion performance of a Pratt and Whitney mixer/ejector nozzle* [Paper presentation]. First NASA/Industry High Speed Research Propulsion/Airframe Integration Workshop, Cleveland, OH, United States.
16. Seiner, J. M., Bhat, T. R. S., & Ponton, M. K. (1993, January). *Mach wave emission from a high temperature supersonic jet* [Paper presentation]. AIAA 31st Aerospace Sciences Meeting and Exhibit, Reno, NV, United States.
15. Mitchell, L. K., Ponton, M. K., Seiner, J. M., Manning, J. C., Jansen, B. J., & Lagen, N. T. (1992, November). *Application of focused schlieren to nozzle ejector flowfields* [Paper presentation]. NASA/Industry HSR Nozzle Symposium, Cleveland, OH, United States.

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13. Ponton, M. K., Seiner, J. M., Mitchell, L. K., Manning, J. C., Jansen, B. J., & Lagen, N. T. (1992, May). *A wind tunnel application of large-field focusing schlieren* [Paper presentation]. DGLR/AIAA 14th Aeroacoustics Conference, Aachen, Germany.
12. Seiner, J. M., Ponton, M. K., Jansen, B. J., & Lagen, N. T. (1992, May). *The effects of temperature on supersonic jet noise emission* [Paper presentation]. DGLR/AIAA 14th Aeroacoustics Conference, Aachen, Germany.
11. Seiner, J. M., & Ponton, M. K. (1991, October). *Supersonic acoustic source mechanisms for free jets of various geometries* [Paper presentation]. AGARD-PEP 78th Meeting, Bonn, Germany.
10. Ponton, M. K., & Seiner, J. M. (1991, September). *The spatial characteristics of the B helical mode for a choked axisymmetric nozzle* [Paper presentation]. 9th AIAA Applied Aerodynamics Conference, Baltimore, MD, United States.
9. Ponton, M. K., & Seiner, J. M. (1991). *Large scale structure of axisymmetric supersonic flows* [Paper presentation]. First Annual Hampton University/NASA Langley Workshop on Nonstationary Random Processes and their Applications, Hampton, VA, United States.
8. Baty, R. S., Seiner, J. M., & Ponton, M. K. (1990, October). *Instability of a supersonic shock-free elliptic jet* [Paper presentation]. AIAA 13th Aeroacoustics Conference, Tallahassee, FL, United States.
7. Seiner, J. M., Ponton, M. K., Pendergraft, O. C., Manning, J. C., & Mason, M. L. (1990, July). *External nozzle flap dynamic load measurements on F-15 S/MTD model* [Paper presentation]. AIAA/SAE/ASME/ASEE 26th Joint Propulsion Conference, Orlando, FL, United States.
6. Ponton, M. K., & Seiner, J. M. (1989, April). *The effects of initial jet exit conditions on plume resonance* [Paper presentation]. AIAA 12th Aeroacoustics Conference, San Antonio, TX, United States.
5. Seiner, J. M., Manning, J. C., & Ponton, M. K. (1987, January). *Model and full scale study of twin supersonic plume resonance* [Paper presentation]. AIAA 25th Aerospace Sciences Meeting, Reno, NV, United States.
4. Seiner, J. M., Manning, J. C., & Ponton, M. K. (1986, July). *The preferred spatial mode of instability for a Mach 2 jet* [Paper presentation]. AIAA 10th Aeroacoustics Conference, Seattle, WA, United States.
3. Seiner, J. M., Ponton, M. K., & Manning, J. C. (1986, July). *Acoustic properties associated with rectangular geometry supersonic nozzles* [Paper presentation]. AIAA 10th Aeroacoustics Conference, Seattle, WA, United States.
2. Seiner, J. M., Manning, J. C., & Ponton, M. K. (1986, June). *Dynamic pressure loads associated with twin supersonic plume resonance* [Paper presentation].

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PRESENTATIONS/MEETING SESSIONS

37. Boyer, N., Brockett, R., Confessore, G., Durr, R., Guglielmino, L., Hiemstra, R., Kasworm, C., Ponton, M. K., & Redding, T. (2023, February 8–11). *Huey B. Long: A tribute* [Invited presentation]. 36th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
36. Ponton, M. K. (2022, February 9–12). *Bandura: Ideas that have informed self-directed learning* [Invited presentation]. 35th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
35. Ponton, M. K. (2022, February 9–12). *Albert Bandura: 2022 recipient of the Malcolm Knowles Memorial Self-Directed Learning Award* [Invited presentation]. 35th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
34. McCarthy, K., & Ponton, M. K. (2022, February 9–12). *Manuscript preparation for the International Journal of Self-Directed Learning* [Presentation]. 35th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
33. Block, B., Carlson, C., Miller, J., Ponton, M., & Schmit, E. (2021, November 18). *Putting together a scholarly plan: Early career faculty* [Concurrent session]. Workshop: Demystifying the tenure and promotion process, Texas A&M University-Commerce College of Education and Human Services, Commerce, TX.
32. Ponton, M. K. (2021, November 3–5). *An agentic perspective of learning and suggestions for teaching* [Keynote address]. 4th International Self-Directed Learning Conference: A Virtual Conference.
31. Ponton, M. K., Bryan, V., & Brockett, R. (2021, February 3–5). *Self-directed learning in adult and higher education* [Invited networking session]. Self-Directed Learning for a Changing World: A Virtual Summit.
30. Ponton, M. K. (2020, February 5–8). *Best practices for promoting self-direction in learning: Higher education* [Invited roundtable]. 34th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
29. Brockett, R. G., Bryan, V., & Ponton, M. K. (2019, February). *Best practices for promoting SDL: Adult and higher education* [Invited roundtable]. 33rd International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.

28. Ponton, M. K. (2018, February). *Peter Jarvis: 2018 recipient of the Malcolm Knowles Memorial Self-Directed Learning Award* [Invited presentation]. 32nd International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
27. Brockett, R. G., Bryan, V., & Ponton, M. K. (2017, February). R. McGreal's [presenter] *Why Open Educational Resources (OER) are essential for self-directed learning* [Invited panel discussion]. 31st International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
26. Ponton, M. K. (2016, May). *Self-directed learning: "Self" constructs* [Presentation]. Beta Phi Conclave of Scholars, Williamsburg, VA, United States.
25. Ponton, M. K. (2016, February). *"Self" constructs in self-directed learning* [Invited presentation]. 30th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
24. Ponton, M. K. (2016, February). *SDL, autonomy, and self-efficacy* [Roundtable]. 30th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
23. Bellanca, J., Boyer, N., Brockett, R., Carré, P., Durr, R., Guglielmino, L., . . . Ponton, M. K. (2016, February). *Self-directed learning: Looking to the future* [Invited panel discussion]. 30th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
22. Boyer, N., Brockett, R., Bryan, V., Carré, P., Guglielmino, L., Hiemstra, R., . . . Ponton, M. K. (2016, February). *Higher education and continuing education* [Invited roundtable]. 30th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
21. Ponton, M. K. (2015, March). *The role of fortuitous intersections in autonomous learning* [Presentation]. Autonomous Learning World Caucus, Wolfson College, University of Oxford, Oxford, United Kingdom.
20. Ponton, M. K. (2015, March). *An overview of the University of Oxford* [Invited presentation]. Autonomous Learning World Caucus, Wolfson College, University of Oxford, Oxford, United Kingdom.
19. Ponton, M. K., Boyer, N., & Guglielmino, L. (2015, February). *A conversation on developing SDL* [Invited panel discussion]. 29th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
18. Ponton, M. K. (2014, March). *The differential import of performing versus learning self-efficacy on perseverance* [Presentation]. Autonomous Learning World Caucus, Wolfson College, University of Oxford, Oxford, United Kingdom.
17. Ponton, M. K. (2013, March). *Autonomous learning from an agentic perspective* [Presentation]. Autonomous Learning World Caucus, Oxford, United Kingdom.
16. Ponton, M. K. (2013, March). *A brief outline of the University of Oxford and Exeter College* [Invited presentation]. Autonomous Learning World Caucus, Oxford, United Kingdom.

15. Ponton, M. K. (2012, March). *Autonomous learning: An interpretive framework using reciprocal determinism* [Presentation]. Autonomous Learning World Caucus, Oxford, United Kingdom.
14. Ponton, M. K. (2012, March). *The history of Exeter College* [Invited presentation]. Autonomous Learning World Caucus, Oxford, United Kingdom.
13. Schuette, C. T., Flannagan, J. S., Ponton, M. K., & Newton, H. (2011, June). *Promoting self-esteem and perceived competence in science in girls* [Presentation]. 41st Annual Meeting of the Jean Piaget Society, Berkeley, CA, United States.
12. Schuette, C. T., Ponton, M. K., & Charlton, M. L. (2011, April). *The impact of stereotype flexibility and tolerance on children's judgments about parental roles* [Presentation]. Biennial Meeting of the Society for Research in Child Development Conference, Montreal, Canada.
11. Ponton, M. K. (2011, March). *Sociocognitive perspectives on leadership* [Presentation]. Autonomous Learning World Caucus, Oxford, United Kingdom.
10. Ponton, M. K. (2011, March). *Exeter College and the charter of Harvard College in the colonies* [Presentation]. Autonomous Learning World Caucus, Oxford, United Kingdom.
9. Ponton, M. K. (2010, October). *College teaching* [Invited Presentation]. Regent University School of Communication and the Arts faculty, Virginia Beach, VA, United States.
8. Schuette, C. T., Ponton, M. K., & Charlton, M. L. (2010, March). *Use of children's literature to foster career self-efficacy in preschool children* [Presentation]. Virginia Association for Early Childhood Education Annual Conference, Richmond, VA, United States.
7. Schuette, C. T., Wighting, M. J., Spaulding, L. S., Ponton, M. K., & Betts, A. L. (2009, February). *Factors which contribute to positive teacher views of standardized tests* [Presentation]. New Mexico Higher Education Assessment and Retention Conference, Albuquerque, NM, United States.
6. Confessore, G. J., Carr, P. B., Derrick, M. G., Meyer, D., Park, E., & Ponton, M. K. (2008, January). *Research using the Learner Autonomy Profile* [Panel discussion]. 22nd International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
5. Carr, P. B., Derrick, M. G., & Ponton, M. K. (2006, February). *The triumvirate of experience research method: Enhancing autonomous learning environments through pragmatic inquiry* [Presentation]. 20th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
4. Carr, P. B., Derrick, M. G., & Ponton, M. K. (2005, February). *An inquiry of avenues for facilitating learner autonomy in asynchronous learning networks: An investigation of dialogue methods* [Presentation]. 19th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.

3. Ponton, M. K. (2004, April). *The mediating role of self-efficacy in cognitive motivation* [Invited presentation]. Regent University School of Leadership Studies Leadership Focus, Virginia Beach, VA, United States.
2. Carr, P. B., Derrick, M. G., & Ponton, M. K. (2004, February). *The little engine that could: Lessons in the exercise of control* [Presentation]. 18th International Self-Directed Learning Symposium, Cocoa Beach, FL, United States.
1. Carr, P. B., Ponton, M. K., & Ingram, C. (2002, February). *Creating collegial environments: Enhancing learner autonomy in the e-learning environment* [Presentation]. 16th International Symposium on Self-Directed Learning, Boynton Beach, FL, United States.

HONORS AND AWARDS

Texas Association of Black Personnel in Higher Education (Commerce Chapter) Julia Ballenger Humanitarian Award, 2022. For statewide, national, and international advocacy for social justice issues through teaching, scholarship, and service.

Marquis Who's Who Albert Nelson Marquis Lifetime Achievement Award, 2018. For career longevity and demonstrated unwavering excellence.

International Society for Self-Directed Learning Award of Gratitude, 2018. For two years of service as the Guest Editor of the *International Journal of Self-Directed Learning*.

International Society for Self-Directed Learning Award of Gratitude, 2017. For service as the 2016 Guest Editor of the *International Journal of Self-Directed Learning*.

Regent University Faculty Award for Excellence, Fall 2016. For outstanding contributions to scholarship at Regent University.

Malcolm Knowles Memorial Self-Directed Learning Award, 2015. For significant lifelong contributions to the field of self-directed learning.

International Society for Self-Directed Learning Outstanding Service Award, 2014. For service on the editorial board of the *International Journal of Self-Directed Learning*.

International Society for Self-Directed Learning Exceptional Service Award, 2011. For service on the editorial board of the *International Journal of Self-Directed Learning*.

Regent University Faculty Award for Excellence, Spring 2010. For outstanding contributions to service at Regent University.

Autonomous Learning World Caucus Gary J. Confessore Award, 2010. For significant contributions to the advancement of learner autonomy.

Association for Educational Communications and Technology Design and Development Outstanding Book Award, 2009. Best in category for the 2008 book titled *Distance Learning in Higher Education: A Programmatic Approach to Planning, Design, Instruction, Evaluation, and Accreditation* by A. P. Rovai, M. K. Ponton, and J. D. Baker.

National University Telecommunications Network Best Research Paper Award, 2006. Best research paper of the year based upon a national competition for the article titled “An Exploration of Attitudinal and Situational Factors Related to Intrinsic Motivation and Autonomy in Teacher Education Students” by A. P. Rovai, M. K. Ponton, M. G. Derrick, N. E. Rhea, and J. S. Flannagan.

University of Mississippi School of Education Outstanding Faculty Researcher, 2003. For outstanding record of publication for the academic year 2002-2003.

NASA Langley Research Center Certificate of Appreciation, 2001. For efforts leading to the successful demonstration of advanced noise reduction technologies for aircraft applications.

The George Washington University, 1999. Doctoral dissertation defended with distinction.

NASA Langley Research Center Turning Goals Into Reality Award, 1999. For performance as a member of the Advanced Subsonic Technology Engine Systems Noise Reduction Team.

NASA Administrator’s Fellowship Program, 1997. Selected to help minority colleges and universities become better qualified to assist NASA in its research and development mission.

NASA Langley Research Center Facility Safety Head of the Third Quarter, 1997. For recognition of duties performed as the Facility Safety Head of the Langley Jet Noise Laboratory.

NASA Langley Research Center Superior Accomplishment Award, 1997. For contributions resulting in the successful modification of the Low Speed Aeroacoustic Wind Tunnel.

NASA Langley Research Center Performance Award, 1996. For contributions resulting in the enhancement of the research capability of the Jet Noise Laboratory.

NASA Agency Group Achievement Award, 1993. For performance as a member of the Supersonic Jet Noise Reduction Team.

NASA Langley Research Center Superior Accomplishment Award, 1991. For the identification of nonlinear interactions in supersonic free jet flows.

NASA Agency Group Achievement Award, 1989. For performance as a member of the B-1B Engine Nozzle Sonic Fatigue Team.

NASA Langley Research Center Group Achievement Award, 1988. For performance as a member of the Supersonic Twin-Jet Resonance Research Team.