



John C. Griffith, Ph.D.

2022

john.griffith@erau.edu
360 831 3458

Associate Professor, College of Arts and Sciences
Embry-Riddle Aeronautical University – Worldwide



Dr. John Griffith is a tenured Associate Professor in the Math, Science and Technology (formally STEM Education) Department. He also currently serves as the Associate Program Chair for the Bachelor of Science in Interdisciplinary Studies (over 270 active students). John began teaching for Embry-Riddle Aeronautical University – Worldwide as an adjunct faculty member at the Eglin and Hurlburt Field campuses in 2001. John served full time as the Director of Academics at Sheppard Air Force Base after retiring from the Air Force as a Lieutenant Colonel (Squadron Commander) in 2005. In 2009, he was promoted to Associate Dean for Academics in the Western Region (30 satellite campuses) where he served until 2013 when he joined the College of Arts and Sciences. John served as the Program Chair for the BS in Interdisciplinary Studies and the Liaison between the COAS Security and Emergency Services (SES) Department and Daytona Beach Security Studies and International Affairs Department from 2015-16. Dr. Griffith served as Chair of what is now known as the Department of Mathematics, Science and Technology through July 2020.

As a member of the College of Arts and Sciences, John worked with the Daytona Beach campus to develop two master's degrees, one bachelor's degree and two minors for online delivery through the Worldwide campus. He was the department point of contact with Fire Education Services Higher Education (FESHE) and ensured the additional recognition (dual credit) for 7 non-core courses. John worked with department faculty on securing the International Fire Service Accreditation Congress (IFSAC) 2016 accreditation. John also developed the Bachelor of Science in Interdisciplinary Studies serving as program chair until Dec 2016. He worked with Worldwide campus administration to secure the agreement with the U.S. Air Force on the "Category 1" Air University – Associates to Baccalaureate Cooperative (AU-ABC) for the BS in Emergency Services and BS in Interdisciplinary Studies degrees. John worked with MPLS (now MST) Department Faculty to implement minors in Environmental Sciences, Mathematics and Military Studies. John also collaborated with department and college leadership to offer a BS Interdisciplinary Studies students a 4+1 opportunity with either the Master of Science in Cybersecurity Management and Policy or the Master of Science in Human Security and Resilience. Dr. Griffith worked with dedicated faculty and an interdepartmental team to implement Assessment and Learning in Knowledge Spaces (ALEKS) Math Assessment and remediation support for approximately 5,000 Worldwide Campus students per year. ALEKS implementation supports a university SIT II "Student Success" initiative budgeted at \$100,000 annually starting with the 2020-2021 academic year.

Embry-Riddle Aeronautical University – Worldwide Positions Held

- Presently Associate Professor and Associate Program Chair, B.S. Interdisciplinary Studies, Math, Science and Technology (formally STEM Education) Department, Embry-Riddle Aeronautical University
- 2016–2020 Department Chair, Mathematics, Physical and Life Sciences (MPLS), Embry-Riddle Aeronautical University – Department name change to STEM Education in Jan 2020 then changed again to Math Science and Technology in Mar 2022.
- 2015-2017 Security and Emergency Services Liaison with Daytona Beach Campus SSIA, Embry-Riddle Aeronautical University
- 2015-2016 Program Chair, B.S. Interdisciplinary Studies, Embry-Riddle Aeronautical University
- 2009-2013 Western Region Associate Dean (Academics), Embry-Riddle Aeronautical University
- 2005-2009 Director of Academics, Sheppard Air Force Base Campus, Embry-Riddle Aeronautical University
- 2001-2005 Adjunct Faculty, Eglin, Hurlburt and Sheppard Air Force Base Campuses, Embry-Riddle Aeronautical University

Academic Areas

Statistics/Research, Management/Organizational Behavior, Education

Degrees

Doctor of Philosophy, Toulouse Graduate School, University of North Texas, 1998

Major: Applied Training, Technology and Development

Minor: Management

Additional concentration: 18 hours in Statistics/Research Methods

Dissertation title: “The Effect of Study Skills Training Intervention on United States Air Force Aeromedical Apprentices”

Master of Science, Central Michigan University, Administration, 1987

Bachelor of Science, Southern Illinois University, Health Care Management, 1986

Associate in Applied Science, Community College of the Air Force, Aircraft Maintenance, 1984.

Associate of Arts, Cuyahoga Community College, General Studies, 1984

Teaching

Teaching Experience

Embry- Riddle Aeronautical University	2001 – Present
Midwestern State University	2005 - 2008
University of North Texas	2004 - 2005
Wayland Baptist University	1999
United States Air Force	1993-1997
Georgia Military College	1989

Courses Taught

Graduate

- Adult Teaching and Learning Theory
- Aviation/Aerospace Curriculum
- Graduate Capstone Course committee chair (over 180 student capstone projects)
- Integrated Logistics in Aviation Management
- Leadership
- Methods and Procedures for Aviation/Aerospace Research (Capstone Proposal course)

Undergraduate

- Aviation Labor Relations
- Analytical Approaches to Public Fire Protection
- Business Law
- Statistics
- Computer Based Instruction
- Fire and Emergency Services Administration
- Introduction to Computer Applications
- Introduction to Research Methods
- Organizational Behavior
- Social Responsibility and Ethics in Management
- Interdisciplinary Studies Capstone, Bachelor of Science in Interdisciplinary Studies

U.S. Air Force

- Medical Readiness (Laws of Armed Conflict, Litter Obstacle course, Triage, 1993-1995)
- Medical Information Systems (1995-1997)
- Patient Administration (1995-1997)

Courses Developed

- STAT 222 Business Statistics, 3 Credits, Embry-Riddle Aeronautical University (2020)
- STAT 211 Statistics in Aviation, 3 Credits, Embry-Riddle Aeronautical University (2021)
- Patient Administration USAF (1995)
- Medical Information Systems USAF (1995)

Program Developed

Bachelor of Science in Interdisciplinary Studies Embry-Riddle Aeronautical University (2016).
Program currently has over 270 active students.

Class Guest Speaker

Griffith, J. (October 18, 2019). Leadership: Theory to best practice. Embry-Riddle Aeronautical University Practicing Leaders Course, Daytona Beach FL.

Griffith, J. (November 21, 2019). Leadership: From theory to (best) practice. Embry- Riddle Aeronautical University New Manager's Management Development Group Course, Daytona Beach FL.

Griffith, J. (July 2006). Leadership, What I learned. 400 level leadership capstone course, Midwestern State University, Wichita Falls Texas

Griffith, J. (November 2003 & June 2004). Negotiation strategies U.S. Air Force Pharmacy Initial Officer Course. Sheppard Air Force Base, Wichita Falls Texas

Course Monitor

STAT 222 Business Statistics (2020 to present)

STAT 211 Statistics in Aviation (2021 to present)

FIRE 305 Fire Prevention Organization and Management (2013-2016)

FIRE 400 Analytical Approaches to Public Fire Protection (2013-2016)

Scholarly and Professional Activities

Link to selected works: http://works.bepress.com/john_griffith/

Published – Refereed Journal or Book Chapter

Faulconer, E., & Griffith, J. (2022). The Scholarship of Teaching and Learning: Cases from one STEM Department. In Tierney, R., Fazal, R., Ercikan, K. (Eds.), *International Encyclopedia of Education*, (4ed., pp. 13042-13043). Elsevier. ISBN. 9780128186305
<https://www.elsevier.com/books/international-encyclopedia-of-education/tierney/978-0-12-818629-9>

Griffith, J. & Faulconer, E. (2022) Show Me! Do videos make a difference in an asynchronous online course? *Online Journal of Distance Learning Administration*, 25(2). <https://ojdla.com/articles/show-me-do-videos-make-a-difference-in-an-asynchronous-online-course>

Faulconer, E., & Griffith, J. (2021) Identifying Sources of Anxiety in an Introductory Online Undergraduate Chemistry Course. *Journal of Science*

Education and Technology.

<https://www.springerprofessional.de/en/identifying-sources-of-anxiety-in-an-introductory-online-undergr/19693174>

Griffith, J. C., & Roberts, D. L. (2021). Customer service 2.0: The Effect of Ryanair's Policy Change. *International Journal of Aviation, Aeronautics, and Aerospace*, 8(2). <https://doi.org/10.15394/ijaaa.2021.1577>

Faulconer, E.K., Griffith, J.C., and Gruss, A.B. (2021). The impact of positive feedback on student outcomes and perceptions. *Assessment & Evaluation in Higher Education*. <https://doi.org/10.1080/02602938.2021.1910140>

Griffith, J. C., Faulconer, E. K., & McMasters, B. L. (2021) Does Instructor Quality Affect Student Performance in a College Statistics Course? *Online Journal of Distance Learning Administration*, 24(1). https://www.westga.edu/~distance/ojdl/spring241/griffith_faulconer_mcmasters241.html

Griffith, J. C., Faulconer, E. K., and McMasters, B. L. (2021). The relationship between learning mode and student performance in an undergraduate elementary statistics course. *International Review of Research in Open and Distributed learning*. 22(1), 166-179. <http://www.irrodl.org/index.php/irrodl/article/view/5033>

Faulconer, E., Griffith, J., Faulconer, F., Dixon, Z. (2021). A course in context: Video course trailers. *Journal of General Education: A Curricular Commons of the Humanities and Sciences*, 69(1-2), 60-85. <https://doi.org/10.5325/jgeneeduc.69.1-2.0060>

Faulconer, E., Dixon, Z., Griffith, J., Hayden, F. (2020). Surveying the safety culture of academic laboratories. *Journal of College Science Teaching*, 50(2), 18-26. https://digital.nsta.org/publication/?m=12081&i=678765&view=articleBrowser&article_id=3799824

Griffith, J. C., Roberts, D. L. (2020). How we roll: A fire engine to every call? Fire department resource allocation and firefighter support in the United States. *International Journal of Emergency Services*, 9(3), 409-419. doi:10.1108/ijes-12-2019-0066. <https://www.emerald.com/insight/content/doi/10.1108/IJES-12-2019-0066/full/html?skipTracking=true>

Faulconer, E. K., Dixon, Z., Griffith, J., Faulconer, L. (2020). Perspectives on undergraduate research mentorship: A comparative analysis between online and traditional faculty. *Online Journal of Distance Learning Administration*, 23(2).

https://www.westga.edu/~distance/ojdla/summer232/fulconer_dixon_griffith_fulconer232.html

Falconer, E., K., Griffith, J., Dixon, Z., Roberts, D., (2020). Comparing online and traditional student engagement and perceptions of undergraduate research. *Scholarship and Practice of Undergraduate Research: The Journal of Undergraduate Research* 3(3), 48-59.

<https://www.cur.org/what/publications/journals/spur/issues/>

Falconer, E., Wood, B., & Griffith, J. (2020) Infusing humanities in STEM education: student opinions of disciplinary connections in an introductory chemistry course. *Journal of Science Education and Technology*. 10.1007/s10956-020-09819-7.

<https://link.springer.com/article/10.1007/s10956-020-09819-7>

Falconer, E., Griffith, J., & Frank, H. (2019). If at first you do not succeed: Student behavior when provided feedforward with multiple trials for online summative assessments. *Teaching in Higher Education*, 24(4), 586-601.

<https://www.tandfonline.com/doi/full/10.1080/13562517.2019.1664454>

Roberts, D., & Griffith, J. C. (2019). A tale of two airlines: A comparative case study of high-road versus low-road strategies in customer service and reputation management. *International Journal of Aviation, Aeronautics, and Aerospace*, 6(2). <https://doi.org/10.15394/ijaaa.2019.1317>

Roberts, D., Griffith, J., Falconer, E., Wood, B., & Acharyya, S. (2019). An investigation of the relationship between grades and learning modes in an introductory research methods course. *Online Journal of Distance Learning Administration*, 22(1), 1-13.

https://www.westga.edu/~distance/ojdla/spring221/roberts_griffith_falconer_wood_acharyya221.html

Bourdeau, D. T., Griffith, K. V., Griffith, J. C., and Griffith, J. R. (2018). An investigation of the relationship between grades and learning mode in an English composition course. *Journal of University Teaching & Learning Practice*, 15(2). <http://ro.uow.edu.au/jutlp/vol15/iss2/3>

Falconer, E. K., Griffith, J. C., Wood, B., Acharyya, S., and Roberts, D. L. (2018). A comparison of online, video synchronous, and traditional learning modes for an introductory undergraduate physics course. *Journal of Science Education and Technology* 27(5), 404-411. <https://doi.org/10.1007/s10956-018-9732-6>

Griffith, J. C., and Roberts, D. L. (2018). Workplace bullying, emotional abuse, and harassment in fire departments. In D 'Cruz, P., Noronha, E., Keashly, L., Tye-Williams S (eds.), *Special topics and particular occupations, professions, and sectors: Handbooks of*

- workplace bullying, emotional abuse, and harassment*, 4, 1-28. Singapore: Springer.
https://doi.org/10.1007/978-981-10-5154-8_15-1
- Faulconer, E. K., Griffith, J. C., Wood, B. L., Acharyya, S., and Roberts, D. L. (2017). A comparison of online and traditional chemistry lecture and lab. *Journal of Chemistry Education Research and Practice*. 10.1039/C7RP00173H
- Griffith, J. C., Roberts, D. L., & Wakeham, R. T. (2016). Bullying at the fire station? Perceptions based on gender, race, and sexual orientation. *American International Journal of Social Sciences*, 5(2), 34-44.
[file:///C:/Users/Griff2ec/Downloads/Bullying%20at%20the%20Fire%20Station-%20Perceptions%20based%20on%20Gender,%20Race%20and%20Sexual%20Orientation%20-%205_stamped%20\(3\).pdf](file:///C:/Users/Griff2ec/Downloads/Bullying%20at%20the%20Fire%20Station-%20Perceptions%20based%20on%20Gender,%20Race%20and%20Sexual%20Orientation%20-%205_stamped%20(3).pdf)
- Griffith, J. C., Schultz, J. T., Wakeham, R. T., & Schultz, M. C. (2016). A replication of the 2008 U.S. national report card study on women in firefighting. *The Business Review Cambridge*, 24(1), 13-18. <http://www.jaabc.com/BRC24-1Summer2016Schultz.html>
- LaBeouf, J. P., Griffith, J. C., & Roberts, D. L. (2016). Faculty and student issues with group work: What is problematic with college group work assignments and why. *The Journal of Education and Human Development*, 5(1), 13-23.
http://jehdnet.com/journals/jehd/Vol_5_No_1_March_2016/2.pdf
- Griffith, J. C., Roberts, D. L., & Wakeham, R. T. (2015). A meta-analysis of crew resource management/incident command systems implementation studies in the fire and emergency services. *Journal of Aviation/Aerospace Education and Research*, 25(1), 1-25.
<http://dx.doi.org/10.15394/jaaer.2015.1647>
- Griffith, J. C., Schultz, M. C., Schultz, J. T., & Wakeham, R. T. (2015). Does the fire station have a glass ceiling? Perceptions of female firefighters. *Journal of American Academy of Business, Cambridge*, 20(1), 26-32. <http://www.jaabc.com/Jaabc21-1September2015Schultz.html>
- Griffith, J. C., & Herron, R. I. (2014). Preferred learning mode, instructor competence and tuition reimbursement: What our faculty and students are telling us. *International Journal of Aviation, Aeronautics, and Aerospace*, 1(4), 1-22.
<http://commons.erau.edu/ijaaa/vol1/iss4/4>
- Griffith, J. C., Roberts, D. L., & Schultz, M. C. (2014). Relationship between grades and modes of learning. *The Journal of American Business Review, Cambridge*, 3(1), 81-88. file:///C:/Users/Griff2ec/Downloads/Relationship%20between%20Grades%20and%20Learning%20Mode%20-%20ProQuest%20Central%20-%20ProQuest_stamped.pdf
- Griffith, J. C., & Schultz, M. C. (2014). Perceptions of instructors and students with regard to synchronous video learning. *Journal of American Academy of Business, Cambridge*, 20(1), 50-58. <http://jaabc.com/Jaabc20-1September2014Griffith.html>

LaBeouf, J. P., Griffith, J. C., & Schultz, M. C. (2014). The value of academic group work: An examination of faculty and student perceptions. *The Business Review, Cambridge* 22(1), 32-39. <http://www.jaabc.com/BRC22-2December2014Griffith.html>

Griffith, J. C. (2000). The effect of study skills on United States Air Force allied health students. *National Association of Developmental Education Monograph: The Expanding Role of Developmental Education* 21-30
https://works.bepress.com/john_griffith/8/

Griffith, J. C. (1998). An effective investment: Teaching study skills to USAF allied health professionals prior to extended training. *American Academy of Medical Administrators Executive*, 38(4), 24-26.
[file:///C:/Users/Griff2ec/Downloads/fulltext_stamped%20\(32\).pdf](file:///C:/Users/Griff2ec/Downloads/fulltext_stamped%20(32).pdf)

Published - Conference Proceedings

Griffith, J. C. (2018, February). Adjunct faculty training, mentoring and evaluation at the department level. Academic Chairpersons Conference Proceedings, Orlando FL. <http://newprairiepress.org/accp/2018/operations/8/>

Griffith, J. C., Roberts, D. L., & Wakeham, R. T. (2015, January). A meta-analysis of crew resource management/incident command systems implementation studies in the fire and emergency services. Aviation / Aeronautics / Aerospace International Research Conference, Phoenix AZ.
<http://commons.erau.edu/cgi/viewcontent.cgi?article=1074&context=aircon>

Wakeham, R. T., & Griffith, J. C. (2015, January). Unmanned aerial systems in the fire service: Concepts and issues. Aviation / Aeronautics / Aerospace International Research Conference, Phoenix AZ.
<http://commons.erau.edu/cgi/viewcontent.cgi?article=1088&context=aircon>

Griffith, J. C. (2000). Effect of study skills training. National Association for Developmental Education (NADE) 2000 Selected Conference Papers, 6, 20-23

Griffith, J. C. (1999). The effect of study skills training intervention on United States Air Force aeromedical apprentices, Proceedings of the 1999 Academy of Human Resource Development Conference, 263 – 270.

Published - Editor Reviewed

Griffith, J. C. (2021). Department Chair Leadership: From Theory to Best Practice. *The Department Chair*, (31), 3, 15-16. <https://doi.org/10.1002/dch.30365>

Griffith, J. C. (2014, November). An investment in knowledge: 3 key factors for firefighters to consider when selecting a bachelor's degree. Fire Rescue, 48-51. Retrieved from <http://www.firefighternation.com/article/professional-development/3-key-factors-firefighters-consider-when-selecting-bachelor-s-degree>

Conference Presentations

Griffith, J. C. (August 10, 2022). Create Interesting Online Discussions at higher levels of Blooms Taxonomy! It is All About the Students! Lilly Conference. Ashville NC.

Griffith, J. C., Faulconer, E. K. (August 10, 2022). Are time or page views correlated with higher student performance? Lilly Conference. Ashville NC

Griffith, J. C., & Faulconer, E. K. (9, February 2022). Do academic supervisors really know what their employees want from work? Academic Chairperson's Conference (ACC), Virtual. <https://newprairiepress.org/accp/2022/leadership/10>

Griffith, J. C., & Faulconer, E. K. (January 6, 2022). Show me! Best practices for videos in distance learning Courses. Lilly International Teaching and Learning Conference, San Diego, CA

Griffith, J. C., & Faulconer, E. K. (January 7, 2022). Teach me! Best practices for designing your distance learning course. Lilly International Teaching and Learning Conference, San Diego, CA.

Griffith, J. C. Roberts, D. L. (October 6, 2021). Customer service 2.0, the effect of Ryanair's policy change. University Aviation Association Conference, Memphis TN.

Griffith, J. C. (January 29, 2021). COVID or no COVID – Best practices in online teaching: It is all about interaction! Sunshine State Teaching and Learning Conference, virtual.

Faulconer, E., & Griffith J. (November 30 – December 4, 2020). Assessment as a learning opportunity: Feedforward with multiple attempts. Lilly Conference, virtual.

Griffith, J., Faulconer, E., & McMasters, B. (November 30 – December 4, 2020). Does instructor quality affect student grades? Lilly Conference, virtual.

Griffith, J. C. (January 9, 2020). Over the wire vs face to face: Do college students perform as well in a distance learning environment as in traditional lecture STEM courses? Sunshine State Teaching and Learning Conference, Daytona Beach FL. <https://sunshineteachingorg.files.wordpress.com/2020/02/griffith-2020-presentation.pdf>

Griffith, J. C. (February 6, 2020). Leadership: From theory to (best) practice. Academic Chairperson's Conference, Savannah GA.
<https://newprairiepress.org/accp/2020/leadership/16/>

Griffith, J. C., & McMasters, B. L., & Faulconer, E. K. (January 10, 2020). Does modality make a difference in an elementary statistics course? Lilly Conference, Austin Texas.
https://c2b087bd-c69e-48c5-b482-09372178eb12.filesusr.com/ugd/7516e7_7d9e62122f984a2d9c022be78e2cb520.pdf

Faulconer, E., Griffith, J., & Frank, H. (January 2019). If at first you do not succeed: Student benefits of multiple trials on assessments. Lilly Conference – Evidence-Based Teaching and Learning. Symposium conducted at the meeting of the Lilly Conference, Austin Texas. https://docs.wixstatic.com/ugd/7516e7_c28b04cf08ca4865a0640026fa0641f8.pdf

Roberts, D., Griffith, J., & Faulconer, E. (January 2019). An investigation of the relationship between student success and learning modes in an introductory research methods course. Lilly Conference – Evidence-Based Teaching and Learning. Symposium conducted at the meeting of the Lilly Conference, Austin Texas.
https://docs.wixstatic.com/ugd/7516e7_4eed4fca896747ba9d63aaaae596fcbf.pdf

Roberts, D., L., & Griffith J., C. (September 2018). A tale of two airlines. A comparative case study of high-road versus low-road strategies in customer service and reputation management. Paper presented at the University Aviation Association Conference. Irving TX.

Griffith, J. C. Schultz, M. C., Schultz, J. T., Roberts, D. L., & Wakeham, R. T. (March 2016). Sexual harassment in the fire and emergency services. iWomen 2016 International Conference, Sacramento, CA.

Griffith, J. C., Terwilliger, B. A. (January 2016). Adaptation of forward military aerospace management systems for civilian UAS emergency service operations. Aviation / Aeronautics / Aerospace International Research Conference. Chandler AZ 24.
<http://commons.erau.edu/aircon/2016/Friday/24>

Griffith, J. C., Roberts, D. L., & Wakeham, R. T. (October 2015). Bullying at the fire station? Perceptions based on gender, race, and sexual orientation. National Workplace Bullying Coalition Workplace Dignity Conference, Shippensburg PA.

LaBeouf, J. P., Griffith, J. C., Roberts, D. L. (October 2015). Academic group work: Perceptions of faculty and students. Bollinger/Rosado Teaching and Learning Symposium, Daytona Beach FL.

Griffith, J. C., & Herron, R. I. (October 2014). What our faculty and students are telling us. Bollinger/Rosado Teaching and Learning Effectiveness Symposium. Symposium conducted at the meeting of the Embry-Riddle Aeronautical University Worldwide Campus Faculty Senate, Daytona Beach, FL.

Griffith, J. C., Roberts, D. L., & Schultz, M. C. (December 2014). Relationship between grades and modes of learning, The Finance, Economics, MIS, and Global Business Research Conference. Miami, FL.

LaBeouf, J. P., Griffith, J. C., & Schultz, M. C. (December 2014). The value of academic group work: An examination of faculty and student perceptions. The Finance, Economics, MIS, and Global Business Research Conference. Miami, FL.

Griffith, J. C. (April 1991) A successful patient relations program. SHOGUN Medical Society Symposium, Tokyo, Japan.

Poster Sessions

McMasters, B., & Griffith, J. (January 2020). Developing Military Members, Dependents and Veterans into World-Class Talent. Lilly Conference, Austin Texas.

Faulconer, E. K., Griffith, J. C., Frank, H. (May 2018). If at first you do not succeed: The student benefits of multiple trials on summative assessments. Embry-Riddle Aeronautical University Worldwide Campus Research Symposium. Daytona Beach FL.

Roberts, D. L., Griffith, J. C. (May 2018). A tale of two airlines: A comparative case study of high-road versus low-road strategies in customer service and reputation management. Embry-Riddle Aeronautical University Worldwide Campus Research Symposium. Daytona Beach FL.

Conference Lunch and Learn Sessions

Wood, B., & Griffith, J. (August 2, 2021). Staying focused on GAISE in textbook selection. Joint Statistical Meetings, Birds of a Feather. Virtual Conference.

Griffith, J., & Wood, B. (June 29, 2021). Staying focused on Guidelines for Assessment and Instruction in Statistics Education (GAISE) in textbook selection. United States Conference on Teaching Statistics, Birds of a Feather. Virtual Conference.

Dissertation

Griffith, J. C. (1998). The effect of study skills training intervention on United States Air Force aeromedical apprentices (Doctoral dissertation). University of North Texas <https://digital.library.unt.edu/ark:/67531/metadc278161/citation/>

American College of Healthcare Executives Fellowship Project

Griffith, J. C. (1998) A prototype model of a group home personnel policy (Expanded Master's Degree Thesis). Retrieved from http://works.bepress.com/john_griffith/11/

Non-Peer Reviewed Presentations

Griffith, J. C. (April 30, 2020). Student performance in STAT 211 based on learning mode. College of Arts and Sciences Brown Bag, Daytona Beach FL.

Roberts, D. L., & Griffith J, C. (January 30, 2020). How we roll. College of Arts and Sciences Brown Bag, Daytona Beach FL.

Roberts, D. L., & Griffith, J. C. (October 2018). A tale of two airlines: A comparative case study of high-road vs low road strategies in customer service and reputation management. College of Arts and Sciences EagleVision Brown Bag Session.

Faulconer, E., & Griffith, J. (November 2017). Does “no significant difference” hold true? Comparing student performance in online and traditional science courses? College of Arts and Sciences EagleVision Brown Bag Session.

Non-Peer Reviewed Professional Presentations

Griffith, J. (August 23, 2022). Recap of Gregg Wentzell’s 2022 Asheville Lilly Conference. Academic Rigor. Also discussed FRDP program tips on application process. Department of STEM Education Department Meeting – August. Embry-Riddle Aeronautical University.

Griffith, J. (February 22, 2022). Recap of Jim Fong’s keynote presentation from the 2022 Academic Chairperson’s Conference. Thriving in a Post-Pandemic World: Research Driven Implications for Higher Education. Department of STEM Education Department Meeting – February. Embry-Riddle Aeronautical University.

Griffith, J. (January 25, 2022). Recap of Eduardo Lopez’s presentation from the 2022 San Diego Lilly Conference. How faculty and students see the teacher’s primary role. Department of STEM Education Department Meeting – January. Embry-Riddle Aeronautical University.

Griffith, J.C. and Faulconer, E. (September 21, 2021) Setting Up Your Course. Department of STEM Education Department Meeting – September. Embry-Riddle Aeronautical University.

Course Videos

MATH 202 (2021)

- Contingency Tables

STAT 211/222 (2020/21)

- Why Take Statistics?
- Ways of knowing
- Independent vs dependent variables
- Types of Data
- Mean vs Median
- Correlation
- Sampling
- Representative Sampling
- Distribution Skewness
- Why the Normal Distribution Matters in Real Life
- Confidence Intervals
- Hypothesis Testing (Why Hypothesis Testing is Like a Court Case)
- Finding the Mean, Standard Deviation of a population and z scores using Excel
- Introduction to StatCrunch
- 17 "How To" videos on using StatCrunch statistical software

STAT 320

- Contingency Tables

MSES 520 (2020)

- Mission Changes in Emergency Services
- Women in Emergency Services

BSIS 473 (2020)

- Independent vs Dependent Variables
- Mean vs Median

MSES 530 (2019)

- Correlations
- Why does the "Normal Curve" matter?
- Independent vs Dependent variables
- Mean vs Median

Internal Grants

- Faculty Research Development Plan (2014 - 2022) \$13,539 in support of nine research projects:

Griffith, J. C., Faulconer, E, K. (August 10, 2022). Are time or page views correlated with higher student performance? Lilly Conference. Ashville NC. Paper will be published in 2022.

Customer service 2.0, the effect of Ryanair's policy change (University Aviation Association Conference: Oct 6-8, 2021, Memphis – Hilton Memphis). Paper published in 2021.

Does modality make a difference in an elementary statistics course? Presented at Lilly Conference, Austin Texas 2020. Published in 2021.

An investigation of the relationship between student success and learning modes in an introductory research methods course. Presented at the Lilly Conference in 2019. Published in 2019.

A tale of two airlines (Donna R. Roberts PI), 2016. Research published in 2019.

Adaptation of forward military airspace management for civilian UAS emergency services operations (with Brent Terwilliger), Aviation / Aeronautics / Aerospace International Research Conference, Chandler AZ (2016).

Bullying at the fire station? Perceptions based on gender, race, and sexual orientation (with Donna Roberts and Ronald Wakeham), National Workplace Bullying Coalition Workplace Dignity Conference, Shippensburg PA (2015).

Relationship between grades and learning mode (with Donna L. Roberts and Marian C. Schultz), The Journal of American Business Review, Cambridge (2014).

The Value of Academic Group Work: An Examination of Faculty and Student Perceptions (with Joanne P. LaBeouf and Marian C. Schultz), The Business Review Cambridge (2014).

- College of Arts and Sciences College Grant Program (\$3,000)
How we roll: fire crews dispatched to medical emergencies – the best use of talent and resources? (With Donna R. Roberts, 2018)
- 2013 Worldwide Research Award (\$300)
Perceptions of Instructors and Students with Respect to Synchronous Video Learning (with Marian C. Schultz), The Journal of American Academy of Business, Cambridge (2014).

External Grants

- Applied for but not funded

Edelman, E. (PI), Bowers, S, Ernst, J. Griffith. (Sept 2020). NASA STEM EONS 2020. Teams Engaging Affiliated Museums and Informal Institutions (TEAM II). Remote Opportunity Rapid Response (TEAM II-RORR). Award \$100K to \$175K. Role was to serve as evaluator for Prescott Planetarium Program targeted at Boys and Girls Clubs to generate interest in STEM Ed. Project included Development of pre and post surveys. Conduct demographics of students prior to program start and after program implementation. Mixed methods research. Part of a 4-person team. Grant submitted in Sept 2020. The NASA Selecting Official's decision was Selectable (Pending), but the project was not funded by the end of the fiscal year.

Faulconer, E. (PI), & Griffith J. (2019). Research Based Service Learning: North Carolina Bartram Trail Society. Spencer Foundation Small Grant Program. Amount requested: \$27,450. My support role was primarily data analysis and assisting with editing required reports. The idea was to promote and evaluate service learning of student participants who, among other things, would (1) produce an environmental impact assessment of the trail (2) use GIS for mapping the re-routed trail and (3) create and use appropriate signage to mark the trail. The project was not funded.

Griffith, J, (PI) Faulconer, E, Schultz, J. (Jan 2017). Relief Systems in U.S. Military Fighter Ejection Seat Aircraft FIRST Grant. Requested finding: \$7,686. The goal was to study NASA solutions then develop a prototype relief system for pilots. Not funded

Memberships

- American Statistical Association 2017-present
- Phi Kappa Phi (1998 – present)
- Kappa Delta Pi (1996 – present)

Past Memberships

- International Association of Fire and Emergency Services, Higher Education (2014-2019)
- International Association of Women in Firefighting and Emergency Services (2014-2019)
- International Association of Emergency Managers (2014-2017)
- National Fire Protection Association (2014 – 2015)
- American College of Healthcare Executives:
 - Member, 1984-2005, (Fellow, 1999-2005)
- Academy of Human Resources Development (1999-2001)
- National Association of Developmental Education (1999-2001)

Embry-Riddle Aeronautical University Professional Development

- Inaugural Practicing Leaders Program. (2018-2019) Embry-Riddle Aeronautical University Leadership Institute, (8 sessions over a six-month period)

Embry-Riddle Aeronautical University Training/Certifications

Embry-Riddle Aeronautical University Faculty Development Courses Completed

- Yellowdig Certification 2022
- In Full Bloom with Bloom's Taxonomy (5-week online course, 2021)
- Course Developer Certification (2020)
- EagleVision Recertification for new Adobe Connect platform (2016)
- FACD 300/300L Teaching with an LMS/Lab (2015)
- FACD 400 Making the Blend at ERAU (2015)
- FACD 525 APA for Publishing and Academics (2015)
- FACD 700/700L Instructional Use of Blackboard/Lab (2010)
- FACD 701 Teaching at ERAU Worldwide (2011)
- FACD 702 Supporting Online Learners (2010)
- FACD 801 IGNITE Pedagogy Instruction (2012)
- FACD 802 Igniting Research in your Course (2012)

Embry-Riddle Aeronautical University Certifications

- Course Developer Certification (YDT)
- Department Chair (YDC)
- Program Chair (YPC)
- Associate Dean (YAD)
- Director of Academics (YDA)
- Adjunct Faculty Evaluation (YEA)
- Full Time Faculty (YFT)
- HR Diversity Training (YHD)
- HR Sexual Harassment Training (YHS)
- Human Research Training (YRH)
- Blended Learning Certification (YWB)

Service

Embry-Riddle Aeronautical University Assignments:

- Faculty and Associate Program Chair, BSIS, Mathematics, Science and Technology (formally STEM Education) Department, (Aug 2020 to present)
- Department Chair, STEM Education (name changed from MPLS) (Jan-July 2020)
- Department Chair, Mathematics, Physical and Life Sciences (MPLS) (June 2016 to Dec 2019)
- Program Chair, Interdisciplinary Studies and Associate Program Chair, Emergency Services (Mar 2015 to Dec 2016)
- Associate Program Chair, Emergency Services (Mar 2013-Jun 2016)
- Associate Dean for Academic Affairs, Western Region (2009-2013)
- Director of Academics, Sheppard Air Force Base Campus (2005-09)
- Adjunct Professor, Eglin, Hurlburt and Sheppard AFB campuses (2001-2005)

Faculty Senate:

- Faculty Senator (2006-2009; 2013-2016 and 2020 to present)

Faculty Senate Committees:

- Chair, Faculty Senate Elections Committee (2020 to present, Chair since Sept 2021)
- Promotion and Tenure Committee (2013-2014, 2019 to present)
- Faculty Senate Grievance Committee (2020 to present)
- Faculty Handbook Committee
 - Elected member (2014-2016)
 - Ad-hoc member (2013)
- Faculty Workload ad-hoc Committee (2014-2015)
- Chaired Ad-Hoc Committee on Adjunct Faculty Pay. WW Chancellor approved recommendations resulting in increased pay for over 1000 adjunct faculty (2007-2008)

Journal Article Reviewer:

- International Journal of Emergency Services (2022 to present)
- College of Arts and Sciences Literary Magazine (2019 to present)
- International Journal of Aviation, Aeronautics, and Aerospace Journal (2016 to present)

University Committee Work:

- Embry-Riddle Aeronautical University Program Review Working Group
 - Worked with Tiger Team of three in support of first-ever General Education Program Review (2015-2016)
- Embry-Riddle Aeronautical University Program Review Committee (2015)
 - Secondary Reviewer for the Bachelor of Science in Homeland Security program review

Worldwide Campus Committees:

- Year of the Adjunct Committee (2021- 2022)
- Academic Standards Committee (2013-2016)
- Blackboard Oversight Group (2013-2015)
- EagleVision Working Group (2011-2013)

College/Regional Committees:

- Chair, College of Arts and Sciences 3 Year Tenure Review Committee (2021-22)
- Chair, College of Arts and Sciences Non-Tenure Track Promotion Committee (2021-22)
- Chair, College of Arts and Sciences Promotion and Tenure Committee (2019)
- College of Arts and Sciences Adjunct Faculty Observation Working Group (2014)
- Director of Academics Handbook, Central Region (2007)
- Faculty of the Year Board, Central Region (2006)

Research/Scholarship Committee work:

- Alpha Sigma Lambda Scholarship Selection Committee (2014 – 2016; 2019 to present)
- Bollinger/Rosado Proposal Selection Committee (2013)

Honors and Recognitions

Academic, Teaching and Military Awards

- 2018 **Runner up: Outstanding Accomplishments in Research**, ERAU WW

- 2016 **College of Arts and Sciences 10 Month Faculty of the Year**, ERAU-WW
- 2016 **Runner up: 10 Month Faculty Latitude Award**, ERAU WW
- 2015 **Performance Award**, Embry-Riddle Aeronautical University.
- 2014 **Vance Mitchell Award** for outstanding presentation, Bollinger-Rosado Symposium
- 2014 **Best Presenter**, Finance, Economics, MIS, and Global Business Research Conference
- 2011 **Performance Award**, Embry-Riddle Aeronautical University.
- 2001-2002 **Outstanding Graduate Instructor**, Hurlburt AFB ERAU Florida Campus.
- 1999 **Outstanding Research Project Award**, National Association for Developmental Education.
- 1996 **Instructor of the Year**, 384th Training Squadron.
- 1996 **Company Grade Officer of the Year**, 384th Training Squadron.
- 1995 **Master Instructor**, Air Education and Training Command.
- 1994 **Best Officer Instructor**, Sheppard AFB.
- 1992 **Company Grade Officer of the Year**, 374th Medical Group.
- 1988 **Honor Graduate and Valedictorian** of USAF Health Services Administration Course.
- 1985 **Distinguished Graduate**, Non-Commissioned Officer Preparatory Course
- 1983 **Honor Graduate**, USAF Aerospace Ground Equipment Course

Military Service

Years of Service: 23 **Grade:** Lt Colonel, U.S. Air Force **Retired:** Aug 2005

United States Air Force

- Squadron Commander, 882 Training Support Squadron, (2003-05)
- Operations Officer/Deputy Squadron Commander, 96 Medical Support Squadron (2001-03)
- Operations Officer/ Deputy Squadron Commander, 96 Medical Operations Squadron (2000-01)
- Chief, Medical Logistics Contracting Branch, USAF Surgeon General's office (1997-2000)
- Instructor, Health Services Administration Course, 384 Training Squadron (1995-97)
- Course Supervisor (Dept Chair Equivalent), Basic Medical Readiness Course (1993-95)
- Director, Resource (budget, personnel) Management 374 Medical Group – Japan (1991-93)
- Director, Patient Administration, 374th Medical Group – Japan (1990-91)
- Director, Personnel and Administration/Section Commander, USAF Hospital Robins (1988-90)
- Enlisted Airman, Firefighter (1985-88)
- Enlisted Airman, Aerospace Ground Equipment Mechanic (1982-85)

Significant Military Officer Courses

- U.S. Air Force Squadron Commander's Course, May 2003
- Air War College, Correspondence, June 2002
- Intermediate Executive Skills Development Course, Apr 2001
- Air Command and Staff College, Correspondence 1998
- Squadron Officer School, Correspondence 1992, Residence 1993
- Health Services Administration Course (Valedictorian) 1988

Military Decorations: (Medals):

- Meritorious Service, (4 times)
- Air Force Commendation
- Air Force Achievement

- Air Force Outstanding Unit Award, (3 times)
- Air Force Organizational Excellence Award
- Good Conduct, (twice)
- National Defense Service (twice)
- Global War on Terrorism Service