

TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Lawrence V. Fulton

Title: Professor

B. Educational Background

| <i>Degree</i> | <i>Year</i> | <i>University</i> | <i>Major</i> | <i>Thesis/Dissertation</i> |
|---------------|-------------|--------------------------------|--|---|
| MMAS | 2008 | United States Army War College | Strategic Studies | Improving the Total Army Analysis Requirements Generation Process |
| PHD | 2005 | University of Texas at Austin | Management Science and Information Systems | Performance of Army Medical Department Health Delivery Components, 2001-2003: A Multi-Model Approach |
| MS | 2004 | University of Texas at Austin | Statistics | Comparison of Bayesian Hierarchical Modeling to Multiple Linear and Logistic Models for Prediction of Body Fat Composition and Cardiac Catheterization Outcomes |
| MHA | 1998 | Baylor University | Health Care Administration | Strategic Analysis and Associated Management Products Supporting the Reengineering of Bayne-Jones Army Community Hospital |
| MS | 1992 | Troy University | Human Resources Management | |
| BSCJ | 1987 | Texas State University | Criminal Justice | |

C. University Experience

| <i>Position</i> | <i>University</i> | <i>Comments</i> | <i>Dates</i> |
|-------------------------|--|-----------------|-----------------------------|
| Professor, HA, HA | Texas State University. San Marcos, TX | | September 1, 2021 - Present |
| Assoc. Prof. HA | Texas State | | 2018 - 2020 |
| Assoc. Prof, HA FT | Boston College | | 2017 - 2018 |
| Assoc. Prof. PT | Boston College | | 2016 - 2017 |
| Assist. Prof. Mgt & HOM | Texas Tech | | 2014 - 2017 |
| Lecturer CIS&QM | Texas State | | 2013 - 2017 |
| Lecturer MSHA | Tx Tech U. HSC | | 2010 - 2015 |
| Lecturer MBA | U. of Bahamas | | 2012 - 2014 |
| Assist. Prof. CIS&QM | Texas State | | 2010 - 2014 |
| Assoc. Prof. MHA/MBA | Baylor | | 2008 - 2010 |
| Assist. Prof. MHA/MBA | Baylor | | 2006 - 2008 |

D. Relevant Professional Experience

| <i>Position</i> | <i>Entity</i> | <i>Comments</i> | <i>Dates</i> |
|-----------------------|-------------------|-----------------|--------------|
| Managing Partner | Health Log. Prof. | | 2010 - 2016 |
| Colonel | Army Med. | | 2009 - 2010 |
| Lieutenant Colonel | Army Med. | | 2002 - 2009 |
| Major | Army Med. | | 1999 - 2002 |
| Captain | Army Med. | | 1992 - 1999 |
| 2d and 1st Lieutenant | Army Med. | | 1987 - 1992 |

E. Other Professional Credentials (licensure, certification, etc.)

Certified Analytics Professional, INFORMS. (November 2013 - December 2022).
License Number: 1531.

[updatedcap-1.pdf](#)

Accredited Professional Statistician, PStat, American Statistical Association. (July 18, 2011 - March 30, 2022). License Number: 132977.

[Fulton PStat Certificate-1.pdf](#)

Additional Comments:

<https://www.amstat.org/ASA/Your-Career/Accredited-Members.aspx>

Certified Quality Engineer, CQE, American Society for Quality. (March 2011 - 2021).

[cqe-1.pdf](#)

Certified Six Sigma Black Belt-CSSBB, American Society for Quality. (2008 - 2021).

[cssbb-1.pdf](#)

Fellow and Certified Healthcare Executive, American College of Healthcare Executives, American College of Healthcare Executives. (2000 - 2020). License Number: 659962.

[2018 fellow recert-1.JPG](#)

Chartered Scientist, CSci, Royal Statistical Society. (November 2010 - January 2020).
License Number: RSS122000183.

[2010 Chartered Scientist-1.JPG](#)

Chartered Statistician, CStat, Royal Statistical Society. (October 2010 - January 2020).
License Number: 1914.

[2010 Chartered Statistician-1.JPG](#)

Instrument Airplane License, FAA. (March 2013 - November 2018).

[2000 Pilot License-1.JPG](#)

Commercial Pilot License, FAA. (October 2012 - November 2018).

[2000 Pilot License-2.JPG](#)

High Performance Airplane Endorsement, FAA. (October 2012 - November 2018).

[C182 and High Performance Signoff-1.pdf](#)

Rotary Wing Licenses through Commercial, FAA. (October 2012 - November 2018).

[2000 Pilot License-3.JPG](#)

Sikorsky S-70 Helicopter Type Rating, FAA. (October 2012 - November 2018).

[2000 Pilot License-5.JPG](#)

Private Pilot Fixed Wing License, 3596105, FAA. (October 2000 - November 2018).

[2000 Pilot License-4.JPG](#)

II. TEACHING

A. Teaching Honors and Awards:

Award / Honor Recipient: Presidential Distinction Award, Teaching, Texas State University.

2021

[Memo Style-2.pdf](#)

[Fulton Teaching-1.pdf](#)

Award / Honor Recipient: College Achievement Award for Excellence in Teaching, College of Health Professions.

2020

[teaching-1.jpg](#)

Award / Honor Nominee: CUNY SPS 2020 Adjunct Faculty Teaching Excellence Award, City University of New York.

November 30, 2020

[SPS Adjunct Faculty Award - You Have Been Nominated! -1.pdf](#)

Award / Honor Recipient: Professing Excellence Keynote Speaker, Texas Tech University.

November 2015

[professingexcellence-1.JPG](#)

Additional Comments:

<http://www.depts.ttu.edu/housing/professingexcellence.php>

Award / Honor Recipient: Presidential Distinction Award, Teaching (\$2000), Texas State University.

June 2014

[presdistinct-1.JPG](#)

Additional Comments: The Presidential Awards for Excellence in Teaching, Excellence in Scholarly/Creative Activity, and Excellence in Service are awarded through the Texas State Faculty Awards Program. The Presidential Awards are intended to recognize and reward superior service, to provide models of excellence for fellow faculty, and to encourage all faculty to continue to perform, improve and advance their teaching, service and scholarly/creative activity. The awards program also provides that faculty nominated at the college-level, who complete the university-level nomination process, will receive a \$2,000 award. These awards are designated as the "Presidential Distinction Awards."

Award / Honor Recipient: Alpha Chi Favorite Professor Award, Alpha Chi.

October 2013

[alphachi-1.JPG](#)

Award / Honor Recipient: Gregg Master Teacher Symposium Awardee (Monetary), McCoy College of Business.

October 2012

[2012-2013 McCoy College of Business Administration Plan Progress-1.pdf](#)

[greggmaster-1.JPG](#)

B. Courses Taught:

Texas State University:

B A 5353 - UND ANLY ORG PROBL

HA 3311 - INDEPENDENT STUDY

HA 3340 - MGT HLTH INFO SYST

HA 3344 - PATIENT CARE MGMT

HA 4315 - HLTH SERV PROB SOL

HA 4848 - HLTHCAR ADMIN RESI

HA 5199B - THESIS

HA 5311 - TRENDS HLTH ADMIN

HA 5356 - POL DEVL HLTHC ARE

HA 5399A - THESIS

HA 5840 - ADMIN FLD PLCMNT

HON 3398W - STATISTICS OF GAMBLING

QMST 2333 - BUS STAT

QMST 3334 - INTERM BUS STAT

QMST 5332 - QUANTIT METHODS

QMST 5334 - ADV STAT METHODS

QMST 5335 - FORECAST & SIM

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Member, Master's Thesis, "A Comparative Study on the Effects of Arbuscular Mycorrhizal Fungi on *Tripsacum dactyloides*, *Zea diploperennis*, and *Zea mays*", Status: In Progress. (March 2022 - Present). Agriculture, Texas State University.
Student(s): Kailsye Besse, Graduate, Agriculture.
[Proposal March 2022-1.docx](#)

Member, Dissertation, "Understanding Human Activity in 360 Videos", Status: Proposal. (January 2021 - Present). Computer Science, Texas State University.
Student(s): Keshav Bhandari, Doctoral, Ph.D. Computer Science.
[review_draft_final-1.pdf](#)

Member, Dissertation, "Pending: COVID-19", Status: In Progress. (2021 - Present). Central Michigan.
Student(s): Sonia Vasdev, Doctoral, DHA.

Member, Master's Thesis, "Social Media Misinformation Spread During the Pandemic", Status: Completed. (2021 - Present). Engineering, Texas State University.
Student(s): Alexander Little, Graduate, Industrial Engineering.
[Alexander_Little_Thesis_Proposal-1.pdf](#)

Member, Master's Thesis, "Machine Learning Applications in Emergency Management", Status: Completed. (January 2020 - Present). Engineering, Texas State.
Student(s): Dixizi Liu, Graduate, ORIE.
[Thesis Proposal_Dixizi Liu M.S. Industrial Engineering-1.pdf](#)

Supervisor / Chair, Master's Thesis, "Win, Place, or Show? Leveraging AI & ML Predictions to Improve Betting Outcomes", Status: Completed. (2020 - 2022). Northwestern.

Student(s): Kirk Barsch, Graduate, Data Science.

[Kirk Barsch Thesis 2021 10 20 \(002\)-1.docx](#)

Supervisor / Chair, Master's Thesis, "PGA Tour Dollars Gained Through Putting", Status: Completed. (February 2019 - 2020). Data Science, Northwestern.

Student(s): Peter McCullough, Graduate, Data Science.

[McCullough - Thesis Proposal - PGA Tour Dollars Gained Through Putting-1.pdf](#)

Supervisor / Chair, Master's Thesis, "A Predictive Model for Earthquakes in Oklahoma Triggered by Injection Well Activity", Status: Completed. (January 2019 - 2020). Data Science, Northwestern.

Student(s): Elizabeth Zimmerman, Graduate, Data Science.

[zim-1.docx](#)

Member, Dissertation, "Predicting Intensive Care Unit Length of Stay", Status: Completed. (January 2018 - December 2020). Central Michigan.

Student(s): Elizabeth Handzlick, Doctoral, DHA.

[Dissertation prospectus 3-24-18-1.docx](#)

Member, Master's Thesis, "Sentiment Analysis and Ridesharing Models Models of Disaster Response", Status: Completed. (September 2018 - August 2020). Industrial Engineering, Texas State.

Student(s): Lingyu Meng, Graduate, MSIE.

[Lingyu Mengs Manuscript of Master Thesis \(003\)-1.pdf](#)

Supervisor / Chair, Master's Thesis, "Investment Portfolio Idea Generation Using Machine Learning Algorithms", Status: Completed. (May 2020). Master of Science in Data Science, Northwestern.

Student(s): Brandi Beals, Graduate, MSDS.

[Brandi Beals Thesis Proposal-1.pdf](#)

Supervisor / Chair, Honor's Thesis, "ML versus MD, a Comparative Risk Analysis", Status: Completed. (January 2020 - May 2020). HA, Texas State.

Student(s): Helen Callie Ball, Undergraduate, BHA.

[Honors Contract Assessment Form - 29 June 2018 \(002\)-1.pdf](#)

[HA Richard Stull Competition \(002\)-1.docx](#)

Supervisor / Chair, Honor's Thesis, "Winner Winner Lottery Dinner", Status: Completed. (September 2019 - May 2020). Texas State.

Student(s): Bridgette Abbott, Undergraduate.

[WINNER WINNER LOTTERY DINNER - Initial Draft \(003\)-1.docx](#)

Supervisor / Chair, Applied Research Project, "Health Disparities and Cardiovascular Disease", Status: Completed. (January 2020 - March 2020). UNC Chapel Hill.

Student(s): Ava Niakouei, Doctoral, MD.

[ava 2 2 2020-1.docx](#)

Supervisor / Chair, Master's Thesis, "Analysis of Partisan Framing on Public Affairs Programming", Status: Completed. (2018 - 2019). Data Science, Northwestern.
Student(s): Joshua Yazman, Graduate, Data Science.

[Analysis of Partisan Framing on Public Affairs Programming-1.docx](#)

Member, Master's Thesis, "Examining the Utility of Predictive Analytics Techniques for the Efficient Exploration of Uncertain Parameter Spaces within Analytical Combat Simulations", Status: Completed. (December 2018 - May 2019). Data Science, Northwestern.

Student(s): Dion Grieger, Graduate, Data Science.

[grieger-1.docx](#)

Member, Dissertation, "Provider Willingness to Adopt Telemedicine Technologies into Clinical Practice: A Global Systematic Review", Status: Completed. (2015 - August 2018). Central Michigan.

Student(s): Phil Regas, Doctoral, DHA.

[Phil Tele paper-7-15-18 sdb comments 7-16-1.docx](#)

Member, Dissertation, "Performance Assessment of Acute Care Hospitals Meeting Meaningful Stage1 and Meaningful Use Stage 2 Requirements", Status: Completed. (2017). Central Michigan.

Student(s): Devika Sharma.

[sharma-1.pdf](#)

Supervisor / Chair, Master's Thesis, "Comparison of Machine Learning Methods for Spatio-Temporal Crime Prediction", Status: Completed. (2015 - 2016). Northwestern.

Student(s): Christian Lucas, Graduate, MS Predictive Analytics.

[lucas-1.pdf](#)

Member, Dissertation, "Multiple Criteria Decision Engineering to Support Management in Military Healthcare and Logistics Operations", Status: Completed. (August 2013 - May 2016). Other (Outside Texas State University - San Marcos), Penn State.

Student(s): Nathaniel Bastian, Doctoral, Operations Research.

[Bastian ND - PhD Dissertation-1.pdf](#)

Member, Dissertation, "A Study of the Efficiency of Food Safety Programs of Local Public Health Departments in the State of Michigan", Status: Completed. (October 2013 - December 2015). Central Michigan.

Student(s): Tony Drautz, DHA.

[out-1.pdf](#)

Member, Master's Thesis, "Low-Molecular-Weight Organic Acids as a Phosphorous Nutrient Amendment for Solanum Melongena Production in Calcareous Soils of the Central Texas Region", Status: Completed. (April 2013 - December 2015). Agriculture, Texas State.

Student(s): Dagoberto Osorio, Graduate, MS.

[OSORIO-THESIS-2015-1.pdf](#)

Member, Dissertation, "Determining the Impact of the ED Physician Staffing Model on Core Measure Performance when Treating AMI/CP in a CAH", Status: Completed. (2013 - 2015). Central Michigan.

Student(s): Steve Barnett, Doctoral, DHA.

[barnett-1.pdf](#)

[barnett2-1.pdf](#)

[Barnett Final Defense-1.pptx](#)

Member, Dissertation, "Optimization Models and System Dynamic Simulations to Improve Military Manpower Systems", Status: Completed. (May 2012 - December 2015). University of Texas at Austin.

Student(s): Patrick Downes.

[DOWNES-DISSERTATION-2015-1.pdf](#)

Member, Dissertation, "Prediction of intention to use evidence-based management among healthcare administrators in the United States", Status: Completed. (January 2014 - May 2015). Central Michigan.

Student(s): Ruiling Guo, DHA.

[out-2.pdf](#)

Member, Master's Thesis, "Nutritional Risk Screening and Dietary Intake Among Elderly Home-Delivered Meal Participants", Status: Completed. (April 2013 - December 2014). Nutrition, Texas State.

Student(s): Britta Moore, Graduate, MS.

[MOORE-THESIS-2014-1.pdf](#)

Member, Dissertation, "Culturally and Linguistically Appropriate Services in Critical Access Hospitals", Status: Completed. (August 2012 - August 2014). Central Michigan.

Student(s): Sheila Kelty.

[out\(1\)-1.pdf](#)

Member, Master's Thesis, "Multi-Stage Deployment of the Army Theater Hospital", Status: Completed. (May 2013 - January 2014). Naval Post-Graduate School.

Student(s): Trisha Cobb.

[13Dec_Cobb_Trisha-1.pdf](#)

Member, Dissertation, "An Analysis of Emergency Department Nurses' and Paramedics Experiences Antecedents, Processes and Outcomes", Status: Completed. (January 2010 - August 2013). Central Michigan.

Student(s): Jennifer Tredinick.

[out\(2\)-1.pdf](#)

Member, Dissertation, "Healthcare Workers' Willingness to Report to Work During an Influenza Pandemic: A Systematic Literature Review", Status: Completed. (January 2010 - September 2012). Central Michigan.

Student(s): Caren Rossow.

[out\(3\)-1.pdf](#)

Member, Dissertation, "Therapists Value of Interprofessional Collaboration", Status: Completed. (March 2010 - March 2012). Central Michigan.
Student(s): Dawn Devries.
[out\(4\)-1.pdf](#)

Member, Dissertation, "Financial Performance Elements Contributing to the Technical Efficiency of Critical Access Hospitals: A Logistic Regression Approach to Categorizing Efficient and Inefficient Facilities", Status: Completed. (2009 - 2011). Central Michigan.
Student(s): Asa Wilson.
[out\(5\)-1.pdf](#)

Member, Dissertation, "The Role of Comorbidities in Length of Stay and Cost of Care for Prolonged Mechanically Ventilated (PMV) Patients in the Long-Term Acute Care Hospital (LTCH) Setting", Status: Completed. (2009 - 2011). Central Michigan.
Student(s): Susan Smith.
[out\(7\)-1.pdf](#)

Member, Dissertation, "Variations in Outsourced Nurse Utilization in Long Term Acute Care Hospitals: An Analysis of Patient Outcomes", Status: Completed. (2008 - 2010). Central Michigan.
Student(s): M. Ray Alvarez.
[out\(8\)-1.pdf](#)

Supervisor / Chair, Applied Research Project, "US News & World Report Rankings", Status: Completed. (2008 - 2009). Baylor.
Student(s): Hunter Coates.
[art00004-2.pdf](#)

Supervisor / Chair, Applied Research Project, "US News & World Report Rankings", Status: Completed. (2008 - 2009). Baylor.
Student(s): Theresa Silvernail.
[art00004-1.pdf](#)

Supervisor / Chair, Master's Thesis, "Patient Satisfaction as a Function of In-House Versus Contract Staffing Models in Veterans Affairs Community-Based Outpatient Clinics", Status: Completed. (2008 - 2009). MHA, Baylor.
Student(s): Janna Belote.
[milmed-d-11-00259-1.pdf](#)

D. Courses Prepared and Curriculum Development:

Data Science Certificate, Curriculum Development, Boston College. Taught: 2017.
[data analytics-1.pdf](#)

ADEC 7460 Predictive Analytics, New Course, Boston College. Taught: 2018.
[fall 2018 ADEC7460 syllabus-1.docx](#)

ADEC 7310 Data Analytics, New Course, Boston College. Taught: 2017.

[syllabus fall 2017-1.docx](#)

ADEC 7430 Big Data, New Course, Boston College. Taught: 2017.

[LAWRENCE FULTON syllabus draft2-2.docx](#)

ADHA 7005 Management Theory & Organizational Behavior for HA, New Course, Boston College. Taught: 2017.

[LAWRENCE FULTON syllabus draft2-1.docx](#)

ADHA 7045 Health Analytics, New Course, Boston College. Taught: 2017.

[Health Analytics Syllabus-1.docx](#)

IS330 Logistics and Supply Chain Management, New Course, CUNY. Taught: 2016 - 2019.

[spring 2019-1.doc](#)

Intermediate Enterprise Resource Planning with Infor CSI, New Course, CUNY. Taught: 2017.

[Intro to ERP using INFOR Syllabus-1.doc](#)

MBA 580 Leadership, New Course, College of the Bahamas. Taught: 2013 - 2014.

[bahamas syllabus draft version 2-1.doc](#)

MBA 630 Leading Change, New Course, College of the Bahamas. Taught: 2012.

[bahamas syllabus-2.doc](#)

MBA 680 Project Leadership, New Course, College of the Bahamas. Taught: 2011 - 2012.

[MBA 680 syllabus-1.doc](#)

HA5301 Health Care Research Methods (Online Version), New Course, Texas State. Approved: January 2018 - May 2018.

[DRAFTHA5301_V2 \(1\)-1.docx](#)

HA5334 Operational Decision Making for Healthcare Managers (Online Version), New Course, Texas State University. Proposed: January 2018 - May 2018.

[DRAFTHA5334-1.docx](#)

HON3398W The Mathematics & Statistics of Gambling and Sports Betting, New Course, Texas State University. Taught: January 2019 - May 2019.

[Revised Honors Faculty Course Proposal Packet 6 7 2018 \(1\)-1.doc](#)

QMST 5335 Forecasting & Simulation, Revise Existing Course, Texas State. Taught: 2011.

[qmst 5335 sping 2014 syllabus-1.doc](#)

Additional Comments: Resurrected

QMST 5352 Quantitative Methods (Optimization), Revise Existing Course, Texas State. Taught: 2011.

[syllabusversion3-4-1.docx](#)

Additional Comments: Resurrected

HA3311 Independent Study, Revise Existing Course, Texas State University. Taught: August 2018 - December 2018.

[HA3311 Syllabus-1.docx](#)

HA5311 Independent Study, Revise Existing Course, Texas State University. Taught: August 2018 - December 2018.

[HA5311 syllabus-1.docx](#)

ISQS 6349 Predictive Analytics, Revise Existing Course, Texas Tech. Taught: 2016 - 2017.

[isqs6349-1.docx](#)

ISQS 6348 Applied Multivariate Analysis, Revise Existing Course, Texas Tech. Taught: 2014 - 2017.

[isqs6348-1.docx](#)

HOM 5308 Healthcare Operations Management & Quality, Revise Existing Course, Texas Tech. Taught: 2016.

[HOM5308-1.docx](#)

MGT 5372 Leadership and Ethics, Revise Existing Course, Texas Tech. Taught: 2015 - 2016.

[MGT5372 Leadership Ethics Summer II 2015-1.docx](#)

E. Teaching Grants and Contracts

1. Funded External Teaching Grants and Contracts:

Fulton, Lawrence V. Applied Operations Research and Management Science for Military Scientists, Army Medical Department Center for AMEDD Strategic Studies, Federal, \$10,300.00. (Submitted: June 2012, Funded: November 2012 - March 2013). Contract.

Additional Comments: Award #: TNGGRP11132387. (Note: document uploaded to Digital Measures but does not show when printed.)

2. Submitted, but not Funded, External Teaching Grants and Contracts:

Lee, Carl, Fulton, Lawrence V. NSF 10-544: The ISthMUS curriculum: Integrating Social Media in Undergraduate Statistics, NSF, Federal, \$100,000.00. (Submitted: 2014). Grant.

[Project Summary ISthMUS\(1-3-12\)-1.docx](#)
[isthmus final grant-1.pdf](#)

3. Funded Internal Teaching Grants and Contracts:

Fulton, Lawrence. University Lectures Award (2012), Texas State University, State, \$2,000.00. (Funded: January 2013 - February 2014). Grant.
[2012 universities lecture award-1.pdf](#)

F. Other:

Certification, Deloitte Consulting. 14. (May 2015).

[deloitte-1.jpg](#)

Additional Comments: Provided training for 14 graduate students from Deloitte to prepare them for the Certified Analytics Professional (CAP) examination

Certification, Texas State University. 21. (April 2015).

[green belt testing-1.pdf](#)

[green belt training-1.pdf](#)

Additional Comments: Green Belt testing

Continuing Education, EcoMod, EcoMod. Prague, Czech Republic. (June 29, 2020 - July 3, 2020).

[Memo Style-1.pdf](#)

Continuing Education, Introduction to Python, Conde Nast. 10. (October 2018).

[Welcome to Python!-1.html](#)

Continuing Education, Introduction to R, NBC Universal. 10. (August 2018).

[week 1-1.pptx](#)

Guest Lecture, AI & Blockchain Summit, Healthtech Austin. Austin, TX, United States. 50. (July 2019).

[AI and Blockchain-1-1.pdf](#)

Guest Lecture, San Marcos Academy Teaching Event, San Marcos Academy. 60. (March 2019).

[san marcos academy-1.pdf](#)

Guest Lecture, Communication Studies. (November 2014).

[leadership for comm studies-1.ppt](#)

Additional Comments: Invited speaker to discuss "Leading Teams."

Guest Lecture, Texas State University. 15. (November 2014).

[green belt training-2.pdf](#)

Additional Comments: Six Sigma Course

Review Course, Reynolds Army Community Hospital. 30. (August 2009).

[presentation for rach-2.ppt](#)

Additional Comments: Statistics review course

Review Course, Dwight D. Eisenhower Hospital. 40. (January 2009).

[presentation for rach-1.ppt](#)

Additional Comments: Statistics review course

Student Accomplishments:

Appointment:

Mentor, Permanent Professor, United States Military Academy. (2019).
Student(s): Nathan Bastian.
[academy professor-1.pdf](#)

Award:

Mentor, Bugbee-Falk Book Award. "NA," AUPHA Award. Status: In Progress. (September 2020). HA, Texas State University.
Student(s): Helen Ball, Undergraduate, BHA.
[callie-1.pdf](#)

Supervisor, ACHE Richard J. Stull Essay Competition Award Winner-
"Integration of Artificial Intelligence in Healthcare and the Human Resource Management Role," American College of Healthcare Executives' Leadership Congress, Chicago, Illinois. Status: In Progress. (2019). Health Administration, Texas State University.
Student(s): Nolan Ehrbar.
[NolanEhrbarACHEessay-1.pdf](#)
[stull-1.pdf](#)

Grant:

Mentor, National Science Foundation Grant. Status: Completed. (2015).
Student(s): Nathan Bastian, Doctoral, PhD.

Additional Comments: Investigator. (2015, May – 2016, May).
“Improving Health Promotion: Leveraging Statistical Learning and Electronic Medical Records for Healthcare Market Segmentation.”
Funded by the National Science Foundation (NSF) Industry/University Cooperative Research Center, Center for Health Organization Transformation, NSF Grant No. IIP-1067885, Pennsylvania State University, \$20,000.00 (with Swenson, E. and Nembhard, H.).

Scholarship:

Mentor, Selected for Ph.D. Computer Science. Status: In Progress. (2018).
Student(s): Nayeema Nasrin.

G. Teaching Professional Development Activities Attended

Continuing Education Program, "Course Design Workshop," Northwestern University. (January 2021).

[The Course Design Workshop begins today!-1.pdf](#)

Conference Attendance, "Association of University Programs in Health Administration," AUPHA, New Orleans, LA, United States. (June 12, 2019 - June 14, 2019).

[2019 Annual Meeting Evaluation-1.pdf](#)

Workshop, "Foundations of Online Course Design & Development," ITAC. (January 10, 2018 - February 9, 2018).

[IMG_1844-1.JPG](#)

Workshop, "Certificate of Excellence in Online Teaching and Pedagogy, Advanced Level," Boston College, Chestnut Hill, MA, United States. (September 2017 - December 2017).

[IMG_1829-1.JPG](#)

Conference Attendance, "Great Lakes Teaching and Learning Conference," Central Michigan University, Mount Pleasant, MI. (May 14, 2014 - May 16, 2014).

[greatlakes2014-1.pdf](#)

[2014 great lakes-1.pdf](#)

Workshop, "Curriculum Development for Online Courses," San Marcos, TX. (February 16, 2014).

[2014online-1.pdf](#)

Workshop, "Creating and Teaching an Online Course," Texas State University, San Marcos, TX. (January 2, 2014 - January 10, 2014).

[2014 Creating Teaching Online Course-1.JPG](#)

Conference Attendance, "Great Lakes Teaching & Learning Conference," Central Michigan University, Mount Pleasant, MI. (May 8, 2013 - May 10, 2013).

[greatlakes2013-1.pdf](#)

[2013 great lakes-1.pdf](#)

Conference Attendance, "Great Lakes Teaching & Learning Conference," Central Michigan University, Mount Pleasant, MI. (May 2012).

[greatlakes2012-1.pdf](#)

Conference Attendance, "Great Lakes Conference on Teaching and Learning," Central Michigan University, Mount Pleasant, MI. (May 11, 2011 - May 13, 2011).

[greatlakes2011-1.pdf](#)

[conf1-10.pdf](#)

"Faculty Development Course," Army. (1994).

[fdc-1.JPG](#)

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

d. Chapters in Books:

Refereed:

Rossow, C., Ivanitskaya, L., Fulton, L. V., & Fales, W. (2013). Healthcare Providers: Will They Come to Work During an Influenza Pandemic? In *WIT Transactions on The Built Environment* (Vol. 133, pp. 133–147). WIT Press.

[2013 WIT-1.pdf](#)

Coppola, M. N., Hudak, R., Kim, F., Fulton, L., Harrison, J., & Kerr, B. (2012). The Military Managed Care Health System. In P. Kongstedt (Ed.) (6th ed., pp. 558–575). Jones Bartlett, Chicago, IL: Essentials of Managed Care by Kongstedt, Chapter 26.

[Tricare_Ch26\(Proof\)_Jan_2012-1.pdf](#)

Harrison, J., Coppola, M. N., & Fulton, L. (2011). The New Value Paradigm in Healthcare (pp. 169–178). Health Administration Press, Chicago, IL: Essentials of Strategic Planning in Healthcare.

[new value paradigm chapter-1.pdf](#)

2. Articles:

a. Refereed Journal Articles:

Pacheco, G. J., Fulton, L. V., Betancourt, J. A., Shanmugam, R., & Stigler, P. E. (Accepted / In Press). Geospatial Analysis as a Tool to Identify Target Areas for Chagas Disease Education for Healthcare Providers. *BMC Infectious Diseases*, 22(590). Retrieved from <https://bmcinfectdis.biomedcentral.com/articles/10.1186/s12879-022-07577-y>
<https://bmcinfectdis.biomedcentral.com/articles/10.1186/s12879-022-07577-y>

Additional Comments: This manuscript stemmed from one of my doctoral dissertation aims. With support from my SOHA peers, we initially submitted to PLOS Neglected Tropical Diseases and were rejected (1 Jun 2020) then submitted and rejected in Acta Tropica (Jan 2022).

We re-worked the emphasis and methods so that the focus is on community health/ health education.

Brunson, E. K., Rohde, R. E., & Fulton, L. V. (2021). College students' willingness to accept COVID-19 vaccines. *Journal of American College Health*. Published.

[Brunson et. al. 2021-1.pdf](#)

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Bayesian Hierarchal Models Of Final Exam Grades In Statistics Classes, A Two-University Study. Retrieved from

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Additional Comments: In this two university, IRB-approved study of business statistics courses, we use Bayesian hierarchical modeling to search for the effects of pre-existing ability, demographics, manipulated homework certification standards, "cramming," and other covariates on the probability that a student achieves a particular grade. The significance of our research is that we are able to determine probabilistically the grade that students should expect given fixed covariate values. This information is valuable to both professors and students in realistically appraising likely performance. Our model is nonlinear in parameters and reflects a zero-inflated distribution, accounting for the population of students who did not have an economically rational reason to take the final examination. We identify the distinct number of student grade groups and employ mixed beta distributions in modeling the examination scores. By using Bayesian hierarchical modeling, we are able to obtain the examination grade probability distribution that any student "i" will obtain given covariate values. As part of our research, we conduct cross-validation and evaluate model fit.

4. Abstracts:

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Bastian, N., Griffin, P., Spero, E., & Fulton, L. V. (2015). *Multicriteria Cost Assessment and Logistics Modeling for Military Humanitarian Assistance and Disaster Relief Aerial Operations*. ARL-TR-7229. Army Research Laboratory.
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6. Book Reviews:

Fulton, L. V. (2014, January). Book Review-Counterterror Offensives for the Ghost War World: The Rudiments of Counterterrorism Policy. *Armed Forces & Society*. Retrieved from
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10. Other Works in Print:

Abstracts:

Fulton, L., Musal, R., Ivanitskaya, L., Haidar, S., & Lee, C. (2011). Bayesian Hierarchical Models of Final Exam Grades in Statistics Classes, a Two-University Study, *Session 353*. Published. Retrieved from
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Broadcast Medias:

Coppola, M. N., Ledlow, G., Kerr, B., & Fulton, L. (2010, November). Using the VARK Learning Test to Optimize Delivery of Course Content and Competency Fulfillment (Pedagogy). AUPHA Webinar.
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Introduction to Journal Special Editions:

Fulton, L. (2010). *Modeling and Simulation in Medical Systems*. (Larry Fulton, Ed.) (131st ed., Vol. 7). Sage: Journal of Defense Modeling and Simulation (IF=.647, SJR, 2012). Retrieved from
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[jn-contract-1-fulton-11-06-07-1.pdf](#)

Additional Comments: When developing applications for mobile devices using Java, you may require mathematical methods not available on your particular Java VM. This article will specifically address the absence of the "power" method, Math.pow(), in Java ME. We will illustrate three different algorithms for developing an ME equivalent and proffer the best of the three as a possible programming solution to our problem

Risio, A., Roupe, L., Fulton, L. V., & Goodman, R. (2005, October). 421st Medical Evacuation Battalion History and Accolades, 9–13. Retrieved from www.cs.amedd.army.mil/amedd_journal.aspx#Product

[AMEDD Journal-1.pdf](#)

ProModel Blogs:

Fulton, L. V. (2015). *Teaching Simulation to Graduate Students Using ProModel Products and Real-World Problems*. ProModel. Retrieved from <http://blog.promodel.com/2015/04/01/teaching-simulation-to-graduate-students-using-promodel-products-and-real-world-problems-2/>

[promodel blog-1.pdf](#)

Software:

Fulton, L. V. (2020, May). Simulation of Tobacco Waste Product Clean-up Costs. Retrieved from <https://rminator.shinyapps.io/TPW1/>

Fulton, L. V. (2020, May). Software: Simulation of BEV, PHEV, and Gasoline Powered Vehicles' Total Cost of Ownership. Retrieved from <https://rminator.shinyapps.io/Vehicles/>

Fulton, L. V. (2020, March). Simulating House Construction, Traditional vs. Sustainable, Fulton, 2020. Vienna, Austria: R Studio. Retrieved from <https://rminator.shinyapps.io/sustain4/>

Technical Presentations:

Devore, Jr, R. B., McMurry, P. M., & Fulton, L. V. (2007). *From Deterministic to Stochastic*. DTIC Document.
[ADA488431 \(1\)-1.pdf](#)

Technical Reports:

Bastian, N., Griffin, P., Spero, E., & Fulton, L. V. (2015). *Multicriteria Cost Assessment and Logistics Modeling for Military Humanitarian Assistance and Disaster Relief Aerial Delivery Operations*. DTIC Document.
[2015 DTIC-1.pdf](#)

Fulton, L. V. (1998). *Strategic Analysis and Associated Management Products Supporting the Reengineering of Bayne-Jones Army Community Hospital: Consultative Products and Findings*. ACADEMY OF HEALTH SCIENCES (ARMY) FORT SAM HOUSTON TX HEALTH CARE ADMINISTRATION.
[MHA-1.pdf](#)

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Ramamonjiarivelo, Z. H., Lieneck, C. H., Greene, L., Kruse, C. S., Fulton, L. V., Global Interdisciplinary Green Cities Conference 2021, "Assessing the impact of professional certification on time to hire, job satisfaction, and career growth of health administration alumni," University of Augsburg, Germany, Online, Augsburg, Germany. (June 22, 2021).

[Green Cities Conference_Agenda with speakers-1.pdf](#)

[Green Cities conference Presentation certification June 2021-1.pdf](#)

Summers, L., Shallenberger, A. N., Fulton, L. V., 30th Symposium on Environmental Criminology and Crime Analysis, "Understanding the spatial distribution of illicit massage businesses," Leeds, United Kingdom. (June 2022).

[SummersEtAl2022_ECCA-Abstract-1.docx](#)

Fulton, L. V., Beauvais, B. M., Brooks, M. S., Kruse, C. S., Lee, K. A., Green Cities Conference, "A Publicly Available Cost Simulation of Sustainable Construction Options for Residential Houses," Green Cities Conference. (June 2021).

[publicly available cost simulation-1.pptx](#)

Kruse, C. S., Beauvais, B. M., Brooks, M. S., Mileski, M., Fulton, L. V., Green Cities Conference, "Models for Heart Failure Admissions and Admission Rates, 2016 through 2018," Green Cities Conference. (June 2021).

[Models for Heart Failure Admissions and Admission Rates-1.pptx](#)

Fulton, L. V., Beauvais, B. M., Brooks, M. S., Kruse, C. S., Lee, K. A., Green Cities Conference, "Sustainable Residential Building Considerations for Rural Areas: A Case Study," Green Cities. (June 2021).

[living sustainably-1.pptx](#)

Fulton, L. V., Blue Economy & Sustainability, "Rainwater Harvesting Design and Demand-Side Controls for Large Hospitals," Roger Williams University, Rhode Island-Virtual Meeting. (March 2021).

[RWU-blue-economy-sustainability-interdisciplinary-virtual-seminars-1.pdf](#)

Fulton, L. V., Bastian, N., Institute for Operations Research & Management Science 2017 Annual Conference, "A JaamSim Model of Medical Evacuation and Treatment in Combat," INFORMS, Houston, TX. (October 2017).

[INFORMS2017-1.pdf](#)

Ekin, T. (Presenter & Author), Kocadagli, O. (Author Only), Fulton, L. (Author Only), Bastian, N. (Author Only), Griffin, P. (Author Only), INFORMS Annual Meeting 2014, "Fuzzy Resource Allocation in Health Systems," INFORMS, San Francisco. (November 12, 2014).

[monday-1.pdf](#)

Bastian, N., Sung, Y., Kumara, R., Fulton, L., 82nd Military Operations Research Society Symposium, "A Network Analytic Approach to Casualty Estimation in Non-Major Combat Operations," Military Operations Research Society, Alexandria, VA. (June 16, 2014).

[QRPS-1.pdf](#)

Fulton, L., Bastian, N., European Decision Sciences Institute Conference, "Two-stage multi-period stochastic programming portfolio optimization with seasonal reallocation and autoregressive components," Decision Science, Denmark. (March 2014).

[EDSI Build 1-1.docx](#)

Bastian, N., Sung, Y., Kumara, R., Fulton, L., XXXIV Sunbelt Social Network Conference of the International Network for Social Network Analysis, "A Network Analytic Approach to Casualty Estimation in Non-Major Combat Operations," St. Petersburg, FL. (February 19, 2014).

[34_Abstracts-1.pdf](#)

Fulton, L. V., N. B., INFORMS Annual Conference, "Performance Measurement of the Military Health System: A Multi-Objective Approach," INFORMS. (2013).

[informs2013papersandchair-1.pdf](#)

Fulton, L. V., N. B., INFORMS Annual Conference, "Decision Support for Selecting the Future Medical Evacuation Aircraft," INFORMS. (October 2013).

[informs2013papersandchair-2.pdf](#)

[informs 2013-1.pdf](#)

Fulton, L., Bastian, N., Shah, V., INFORMS Healthcare Conference, "Non-linear, Multi-objective, Auto-optimization Modeling for Health System Resource Decision Analysis," Institute for Operations Research and Management Science, Chicago, IL. (June 25, 2013).

[P130214005-1.pdf](#)
[2013 informs health-1.pdf](#)

Fulton, L., World Conference on Quality Improvement, "Rainwater Harvesting," American Society for Quality (ASQ), Indianapolis, IN. (May 6, 2013).

[ASQ FInal Presentation-1.pptx](#)
[2013 world conference-1.pdf](#)

Fulton, L., Ivanitskaya, L., Erefeev, D., Joint Statistics Meeting 2012, "Engaging Students in Large Section Statistics Classes, Abstract # 306833," ASA, San Diego, CA. (July 31, 2012).

[JSM 2012 Online Program-1.pdf](#)

Fulton, L., International Technology, Education and Development Conference, "Cellular Polling Technology in Large Classes," International Association for Technology, Education and Development (IATED), Valencia, Spain. (March 7, 2012).

[PAPER-2.doc](#)
[inted2012-1.JPG](#)

Fulton, L. V., Musal, R., Ivanitskaya, L., Haidar, S., Lee, C., Joint Statistics Meeting, "Bayesian Hierarchical Models of Final Exam Grades in Statistics Classes: A Two-University Study," American Statistical Association. (2011).

[2011 JSM-1.pdf](#)

Fulton, L., Lasdon, L., McDaniel, R., International Federation of Operational Research Societies, "Analysis Supporting Allocation and Design of Medical Assets in Steady State Combat Operations," IFORS, Melbourne, Australia. (July 17, 2011).

[iforsprogram-1.pdf](#)

Fulton, L. (Presenter & Author), Musal, R., Wierschem, D., European Decision Science Institute (EDSI), "Bayesian Modeling of Spam," Decision Science Institute, Wiesbaden, Germany. (June 2011).

[for edsi-1.docx](#)

Fulton, L., Ivanitskaya, L., Musal, R., Erofeev, D., Northeast Decision Sciences Institute 2011, "Comparing Traditional Teaching Methods with Variable Certification Requirements in Computer-Assisted Instruction - A Two Instructor Study," Decision Sciences Institute, Montreal, Canada. (April 15, 2011).

[8 feb 11-1.pdf](#)

Fulton, L. V., Musal, R., Ivanitskaya, L., Haidar, S., International Technology, Education and Development Conference, "The Effects of Computer-Assisted Instruction and Variable Certification Requirements on Student Performance in Undergraduate Statistics Classes," IATED, Valencia, Spain. (March 8, 2011).

[paper for INTED-1.doc](#)
[inted2011-1.JPG](#)

Fulton, L., Ivanitskaya, L., Erofeev, D., Joint Statistics Meeting, "Frequent deadlines in statistics courses: If health executives learn better when they are enforced, why won't

undergraduate students?," American Statistical Association, Vancouver, Canada. (August 1, 2010).

[JSM 2010 Online Program-1.pdf](#)

[2010 jsm 2-1.pdf](#)

Additional Comments:

http://www.amstat.org/meetings/jsm/2010/onlineprogram/index.cfm?fuseaction=activity_details&activityid=79&sessionid=205829

Ivanitskaya, L., Erofeev, D., Fulton, L., Great Lakes Conference on Teaching and Learning, "Do Deadlines Have an Effect on Performance? A Study of Executives in an Online Graduate Program," Central Michigan University, MI. (May 25, 2010).

[Great Lakes Conference Schedule-1.pdf](#)

Fulton, L., McMurry, P., Brooks, M., 10th International Decision Sciences Institute Conference, "Optimizing Army Medical Department Officer Accessions," International Decision Sciences Institute, Nancy, France. (June 24, 2009).

[2009idsiproceedingscombined-1.pdf](#)

Mangelsdorff, A. D., Coppola, M. N., Bewley, L., Fulton, L., 116th American Psychological Association Annual Meeting, "Military Officer Career Progression and Management: Army-Baylor University Health and Business Administration Program," American Psychological Association, Boston, MS. (August 16, 2008).

[apa1-1.JPG](#)

[apa2-1.JPG](#)

Mangelsdorff, A. D., Bewley, L., Fulton, L., 116th American Psychological Association Annual Meeting, "Curriculum Competency Model Development: Army-Baylor University Health and Business Administration Program," American Psychological Association, Boston, MS. (August 15, 2008).

[apa1-2.JPG](#)

[apa2-2.JPG](#)

Fulton, L., Zeto, J., McMurry, P., 76th Military Operations Research Society Symposium, "Monte Carlo Estimation of Air Ambulance Requirements," Military Operations Research Society, New London, CT. (June 11, 2008).

[Monte Carlo-1.ppt](#)

Additional Comments:

http://www.mors.org/UserFiles/file/meetings/morss/76th_abs.pdf

Fulton, L., 76th Military Operations Research Society Symposium, "Integer Optimization of a Patient Evacuation Network with Stochastic Components," Military Operations Research Society, New London, CT. (June 10, 2008).

[Stochastic integer-1.ppt](#)

Additional Comments: Late Addition (Omitted)

Devore, R., Fulton, L., 76th Military Operations Research Society Symposium, "Using SAS Stochastic Simulations to Support the Development of the Army's Augmentation Team Rule of Allocation Development," Military Operations Research Society, New London, CT. (June 10, 2008).

Additional Comments:

http://www.mors.org/UserFiles/file/meetings/morss/76th_abs.pdf

Fulton, L., Lasdon, L., McDaniel, R., Hassell, L. H., Wojcik, B., Institute for Operations Research & Management Sciences Annual Meeting, "Optimization Approaches for the Relocation of Medical Assets," Institute for Operations Research & Management Sciences, Seattle, WA. (November 7, 2007).

[informs seattle-1.pdf](#)

Additional Comments:

[http://meetings2.informs.org/Seattle07/images/Program%20pdfs/NoRooms\(W\)rev.pdf](http://meetings2.informs.org/Seattle07/images/Program%20pdfs/NoRooms(W)rev.pdf)

Devore, R., McMurry, P., Fulton, L., 75th Military Operations Research Society Symposium, "From Deterministic to Stochastic. Proceedings of the 75th Military Operations Research Society Symposium," Military Operations Research Society, New London, CT. (June 12, 2007).

[75th MORSS-1.pdf](#)

Additional Comments:

<http://www.dtic.mil/cgi-bin/GetTRDoc?Location=U2&doc=GetTRDoc.pdf&AD=ADA488431>

Lasdon, L., Fulton, L. V., INFORMS Optimization Society Conference, "Performance of army medical Department Health Delivery Components, 2001-2003: A Multi-Model Approach," INFORMS, San Antonio, TX, United States. (2006).

[informs1-1.JPG](#)

[informs2-2.JPG](#)

Devore, R., McMurry, P., Fulton, L., 74th Military Operations Research Society Symposium, "A Math Programming Approach for the Relocation of Level III Hospital Facilities and Aeromedical Evacuation Assets," Military Operations Research Society, Colorado Springs, CO. (June 15, 2006).

[final draft for mors-1.ppt](#)

Additional Comments:

http://www.mors.org/UserFiles/file/meetings/morss/74th_abs.pdf

2. Invited Talks, Lectures, and Presentations:

Fulton, L. V., AMD Tech Talk, "Deep Vision for Classification and Segmentation of Breast Cancer Imagery," Advanced Micro Devices (AMD), Zoom, Austin, TX, United States. (December 17, 2021).

[Memo Style-1.pdf](#)

[breast cancer-1.pptx](#)

Fulton, L. V., Beauvais, B. M., Brooks, M. S., Kruse, C. S., Lee, K. A., Swiss-US Energy Innovation Days 2021 (Non-Virtual Delayed), "A Publicly Available Cost Simulation of Sustainable Construction Options for Residential Houses," swissnex Boston, Moved Online, Bern, Switzerland. (June 4, 2020).

[AW_Swiss-US Energy Innovation Days 2020 Participation Registration Contribution and Grant-1.pdf](#)

[Slides-1.pptx](#)

Stigler Granados, P. E., Nunez Patlan, E., Pacheco, G. J., Betancourt, J. A., Fulton, L. V., Rohde, R. E., Diseases in Nature, "Raising Awareness about Chagas Disease: Challenges, Successes and What's Next," San Antonio, TX, United States. (June 3, 2020).

[Raising Awareness about Chagas Disease Abstract Stigler Granadosv2-1.docx](#)
[Notice of acceptance-1.pdf](#)

Additional Comments: Talk was canceled due to COVID

Fulton, L. V., Spring 2020 HIM Leadership Seminar, "Towards AI in Healthcare: The Changing Role of Providers," HIM. (April 2020).

[Spring Conference Agenda 2020-1.pdf](#)

Fulton, L. V., SHSU Computer Science Advisory Board Meeting, "Data Science Pathways on the Zeus Platform," Sam Houston State University, Huntsville, TX. (April 7, 2022).

[Advisory Board Meeting-1.pptx](#)

Fulton, L. V., TedX, "TedX: Green for the Environment and Green for the Pocketbook," Texas State University, Texas State Performing Arts Center, San Marcos, CT. (February 12, 2022).

[tedx-1.pdf](#)

Additional Comments: https://www.youtube.com/watch?v=fseahPe-d0Q&t=800s

Fulton, L. V., AI and Blockchain Conference, "Towards AI in Healthcare, the Changing Role of Providers," Health Tech Austin, Austin. (July 18, 2019).

[conf4-2.pdf](#)

[AI and Blockchain-1.pptx](#)

Bastian, N., Fulton, L., Military Operations Research Society Symposium, "Multi-Criteria Logistics Modeling for Military Humanitarian Assistance and Disaster Relief Aerial Delivery Operations," MORS. (June 2015).

[83rd Program Guide Section 2 Revised June 10-3.pdf](#)

Bastian, N., Fulton, L., Military Operations Research Society Symposium, "Multi-Objective, Auto-Optimization Modeling for Resource Allocation Decision Making in the Military Health System," MORS, Alexandria, VA. (June 2015).

[83rd Program Guide Section 2 Revised June 10-1.pdf](#)

Bastian, N., Fulton, L., Military Operations Research Society Symposium, "The U.S. Army Medical Department Uses Goal Programming to Optimize Workforce Planning Decisions," MORS, Alexandria, VA. (June 2015).

[83rd Program Guide Section 2 Revised June 10-2.pdf](#)

Fulton, L. V., Bastian, N., World Conference on Quality, "Applications of DFSS in the Aviation, Medical, and Military Sectors," American Society for Quality, Nashville, TN. (May 4, 2015).

[M22 Application of DFSS in the Aviation Medical Military Sectors-1.pdf](#)
[asq2015-1.JPG](#)
[2015 world conference-2.pdf](#)

Fulton, L., Lean and Six Sigma Conference, "Applications of DFSS in the Aviation, Medical, and Military Sectors," American Society for Quality, Phoenix, AZ. (March 3, 2015).

[2015 world conference-1.pdf](#)
[2015 world conference scan-1.pdf](#)

Fulton, L., Bastian, N., Griffin, P., INFORMS Annual Meeting, 2014, "Impact of Pay for Performance Incentives on Primary Care Efficiency in the Military Health System," Institute for Operations Research & Management Science, San Francisco, CA. (November 10, 2014).

[informs2014-1.JPG](#)

Fulton, L., Capabilities Based Analysis for Medical Evacuation, "Casualty Data Analysis," Department of Defense, Washington, DC. (September 10, 2014).

[historical casualty flow and medevac metrics-1.pptx](#)

Bastian, N., Griffin, P., Fulton, L., 2014 Northeast Decision Sciences Institute Conference, "Measuring the Effects of Pay for Performance on Primary Care Efficiency in the Military Health System," Decision Sciences Institute, Philadelphia, PA. (March 29, 2014).

[Measuring P4P for MHS Efficiency-1.pptx](#)

Mou, Y., Neal, D., Fulton, L., Agboto, V., 141st APHA Annual Meeting, "Psychosomatic factors in ischemic heart disease in women: Perceptions of health-related quality of life, psychosocial stress, and functional capacity," American Public Health Association, Boston, MA. (November 2013).

[apha-1.pdf](#)

Fulton, L., Great Lakes Conference on Teaching & Learning, "Use of Cellular Polling Technology in Large Classes," Central Michigan University, Mount Pleasant, MI. (May 9, 2013).

[powerpoint 23 october-1.pptx](#)
[2013 great lakes-1.pdf](#)

Fulton, L., 2013 Lean and Six Sigma Conference, "Rainwater Harvesting, A "Tail" of Minimums," American Society for Quality, Phoenix, AZ. (March 4, 2013).

[2013 Lean Six Conference-1.pdf](#)

Additional Comments:

<http://asq.org/conferences/six-sigma/program/day/monday.html>

Fulton, L., Environmental Service Committee, "Electric Car Chargers and Sustainable Construction," Texas State University, San Marcos, TX. (February 22, 2012).

[Electric Car Chargers and Sustainable Construction-1.pptx](#)

Musal, R., Fulton, L., INFORMS 2011, "A Hierarchical Bayesian Model with Inflated Beta Mixtures," Charlotte, NC. (2011).

[2011 informs musal-1.pdf](#)

Additional Comments: (Added evidence of presentation)

Musal, R., Fulton, L., INFORMS 2011, "A Hierarchical Bayesian Model with Inflated Beta Mixtures," INFORMS, Charlotte, NC. (2011).

Fulton, L., Institute for Operations Research and Management Science Annual Meeting, "A Discrete Event Simulation of Future Aerial Vehicles," INFORMS, Charlotte, NC. (November 16, 2011).

[INFORMS 2011-1.pdf](#)

Fulton, L., Berkshire, S. D., Ivanitskaya, L. S., Musal, R., Great Lakes Conference on Teaching and Learning, "Analysis and Demonstration of Computer Assisted Instruction in Statistics Classes," Central Michigan University, Mount Pleasant, MI. (May 12, 2011).

[FINAL-GLC-2011-Program-web-1.pdf](#)

Musal, R., Fulton, L., Wierschem, D., Southwest Decision Sciences Institute 2011, "Phishing for Spam: An Experimental Design," Decision Sciences Institute, Houston, TX. (March 10, 2011).

[abstract-1.docx](#)

[2011 swdsi-1.pdf](#)

Fulton, L. (Presenter & Author), McMaster, D. (Presenter Only), Philosophy Dialogue Series, "Sustainable Homes," Texas State University. (November 12, 2010).

[Building Tomorrows Homes Today \(3\)-1.ppt](#)

Additional Comments: We present a design of an innovative, 3100 square-foot, positive-energy house using next-decade technology. The house, currently under construction, will produce sufficient energy via innovative construction (including solar and geothermal) to return power to the electrical grid and to provide power for the owner's future Nissan Leaf. Water for the house derives solely from rainwater recapture and is purer than other sources in the region through use of multiple filtration units and ultraviolet rays. Construction techniques reduce trash to a single bin. The premium price per square foot is nominal, as the total estimate meets the comparables in the area.

Fulton, L., Mangelsdorff, A. David, Bewley, L., International Conference on Education, Research, and Innovation, "An Analysis of Statistics Education Technologies in Graduate Health and Business Administration," ICERI, Barcelona, Spain. (November 16, 2009).

[iceri2009-1.JPG](#)

Additional Comments:

http://www.iated.org/iceri2009/Conference_Programme_web.pdf

Fulton, L., Shahbaz, B., Army Operations Research Symposium, "Medical Casualty Estimation Using Two-Sided Combat Tables and Monte-Carlo Simulation," AORS, Fort Lee, VA. (October 14, 2009).

[090909-1.pptx](#)

Additional Comments:

http://www.almc.army.mil/OLD/AORS/session_topics.htm

Fulton, L., McMurry, P., Institute for Operations Research and Management Science Western Regional Conference, "Optimization of Army Medical Department Personnel Accessions," Institute for Operations Research and Management Science. (April 24, 2009).

[2009 western informs-1.pdf](#)

Fulton, L., Perry, M., Wood, S., Bewley, L., Institute for Operations Research and Management Science Military Applications Symposium, "Engineering Medical Capability for the New Combat Support Hospital," Institute for Operations Research and Management Science. (April 6, 2009).

[Engineering Medical Capability for the New Combat Support-1.ppt informs mas 2009-2.pdf](#)

Fulton, L., Lasdon, L., McDaniel, R., Institute for Operations Research and Management Science Military Applications Symposium, "Two-Stage Stochastic Optimization for the Allocation of Medical Assets in Stability Operations," Institute for Operations Research and Management Science. (April 6, 2009).

[Two-Stage Stochastic Optimization for the-1.pptx informs mas 2009-1.pdf](#)

Fulton, L., Army Medical Specialist Corps Research Conference, 2008, "Power and Sample Size," Army Medical Specialist Corps, Fort Sam Houston, TX. (April 2008).

[power-1.ppt](#)

3. Consultancies:

Government, Department of the Army-Medical Evacuation Concepts & Capabilities Division. (June 2022 - Present).

Government, Army Material Command, Redstone Arsenal, AL, United States. (January 2022 - Present).

[Navigator AMC SS Vol II Factor 1 TA 1 Technical Expertise Outline-1.docx](#)

Additional Comments: Helped prepare contract for Army Material Command (4-star general command) to perform strategic studies.

Government, Medical Evacuation Proponency Directorate. (December 2010 - December 2020).

For Profit Organization, FootJoy (\$40,000 renewable annually), Boston, MA, United States. (September 2019).

For Profit Organization, FootJoy (\$15,000). (September 2018 - December 2018).

For Profit Organization, Airbus Helicopters, Grand Prairie, TX, United States. (January 2017 - December 2017).

Government, Nurse Anesthetist Program, Fort Sam Houston. (June 2013 - June 2016).

For Profit Organization, Sikorsky Helicopter, S-97 Helicopter. (February 2011 - June 2013).

Government, Center for AMEDD Strategic Studies, Army. (November 2012 - April 2013).

Academic, NIH Grant Consultant, Speech Pathology. (January 2010 - December 2012).

For Profit Organization, British Broadcasting Corporation. (May 2010 - December 2011).

Academic, NIH Grant Consultant, Research Readiness Self-Assessment. (September 2009 - September 2010).

5. Other Works not in Print:

b. Works "in progress":

Journal Articles:

Beauvais, B. M., Ramamonjiarivelo, Z. H., Fulton, L. V., Kruse, C. S., Brooks, M. S., & Mileski, M. (In Preparation; Not Yet Submitted). Profitability at What Price? Evaluating Not-For-Profit Financial Performance and Community Health.

Pacheco, G. J., Betancourt, J. A., Ramamonjiarivelo, Z., Fulton, L. V., & Stigler, P. E. (In Preparation; Not Yet Submitted). Shaping Recommendations and Healthcare Provider Education on Chagas Disease from a Mixed Methods Exploratory Study. *American Journal of Tropical Medicine and Hygiene*.

Lee, K. A., Lieneck, C. H., Kruse, C. S., Ramamonjiarivelo, Z. H., & Fulton, L. V. (In Preparation; Not Yet Submitted). Examining Relationships between Personality Preferences, Demographic Attributes, and Graduate Health Administration Student Outcomes: A Retrospective, Observational Study. *BMC Medical Education*. Retrieved from 601 University Drive
Error! Hyperlink reference not valid.

Additional Comments: The author team has identified BMC Medical Education as the target and appropriate journal for submission. The article is in final stages of composition.

Stigler Granados, P. E., Pacheco, G. J., Lieneck, C. H., Nunez Patlan, E., & Fulton, L. V. (In Preparation; Not Yet Submitted). Assessing Healthcare Providers Knowledge and Awareness of Chagas Disease Utilizing the Extension for Community Healthcare Outcomes Model.

Stigler Granados, P. E., Betancourt, J. A., Pacheco, G. J., Hughes, M. J., Lieneck, C. H., & Fulton, L. V. (In Preparation; Not Yet Submitted). Training Community Health Workers in Detection and Prevention of Chagas Disease Utilizing the Extension for Community Healthcare Outcomes Model. *Journal of Community Health*.

c. Other Works Not in Print:

Expert Panel Discussions:

Fulton, L. V., Boston College Webinar, "Where We are in the Pandemic," Boston College, Online, Boston, MA. (July 15, 2020).
[Where are we in the pandemic Are we at the end Or is this just the beginning. - Woods College of Advancing Studies-1.pdf](#)

Fulton, L. V. (Panelist), Erbil, C. (Panelist), Bowser, D. (Panelist), Ozyilidirm, A. (Panelist), "The Economic Impact of an Outbreak," Boston College, WebEx. (May 14, 2020).
[Virtual Panel COVID-19 LinkedIn Image Updated \(002\)-1.png](#)
[THANK YOU-1.pdf](#)

Keynote / Plenary Addresses:

Fulton, L., A/TA and Air Mobility Command Symposium, "Future of Vertical Lift Medical Evacuation Considerations," Air Mobility Command, Nashville, TN. (October 31, 2014).
[for ATA study sep 23 2014-2.pptx](#)
[2014 ata conference-1.pdf](#)

Panel Discussions:

Fulton, L. V., Ball, H. (. (Presenter), Big Ideas Virtual Week, "Big Ideas Virtual Week," Texas State University, Online. (October 1, 2020).
[virtual week-1.pdf](#)

Paper Discussions:

Fulton, L. V., Northeast Decision Science International Annual Conference, "Identifying Potentially Fraudulent Reporting, A Veterans Health Administration Case Study," NEDSI, Springfield, MA. (March 2017).
[NEDSI2017-1.pdf](#)

Posters:

Pacheco, G. J., Betancourt, J. A., Fulton, L. V., Stigler Granados, P. E., James Steele Conference on Diseases in Nature Transmissible to Man, "Using Geospatial Analysis of Hospital Inpatient Data to Map Diagnosed and Potentially Undiagnosed Chagas Cases in Texas, 2013 to 2016," DSHS, San Antonio, TX, United States. (June 4, 2020).
[DIN_Pacheco_11May20_Acceptance-1.pdf](#)
 Additional Comments: The conference was canceled.

Fulton, L. V., McLeod, A. J., Dolezel, D. M., Bastian, N., Fulton, C., Translational Health Scholar Showcase, "Deep Vision for Breast Cancer Classification and Segmentation," Texas State University. (April 8, 2022).
[Cancer Research-1.pptx](#)

Fulton, L. V., McLeod, A. J., Hewitt, B. A., Ramamonjiarivelo, Z. H., Dolezel, D. M., Ekin, T., Gibbs, D. L., Tesic, J., 5th Annual Texas State University Health Scholar Showcase, "Deep Vision for Breast Cancer Classification," Texas State, Virtual, San Marcos, TX. (April 2021).
[GMT20210407-104226_Recording_3840x2160-1.mp4](#)

Stigler Granados, P. E. (Lead Author), Flores, E. F., Cagle, C., Nunez Patlan, E., Nguyen, S. S., Rohde, R. E., Lieneck, C. H., Pacheco, G. J., Betancourt, J. A., Fulton, L. V., College of Health Professions 25th Research Symposium, "Utilizing the Extension for Community Healthcare Outcomes Model (ECHO) to Educate U.S. Healthcare Providers on Chagas Disease," Texas State University, Virtual. (April 7, 2021).
[granadosp_poster_HA_FSR_April 7 2021-1.pdf](#)
 Additional Comments: Won 3rd place

Stigler Granados, P. E. (Principal Investigator), Flores, E. F. (Author), Cagle, C. (Author), Nunez Patlan, E. (Author), Nguyen, S. S. (Author), Rohde, R. E. (Author), Lieneck, C. H. (Author), Pacheco, G. J. (Author), Betancourt, J. A. (Author), Fulton, L. V. (Statistician/Author), 5th Annual Texas State University Health Scholar Showcase, "Utilizing the Extension for Community Healthcare Outcomes Model (ECHO) to Educate U.S. Healthcare Providers on Chagas Disease," Texas State University, Virtual. (April 2, 2021).
[HSS Poster-Stigler Granados 2021-1.pptx](#)
 Additional Comments: link to the short presentation: https://youtu.be/GoVWWNBIVw

Cagle, C. (Author), Flores, E. F. (Author), Nunez Patlan, E. (Author), Nguyen, S. S. (Author), Rohde, R. E. (Author), Pacheco, G. J. (Author), Betancourt, J. A. (Author), Fulton, L. V. (Statistician/Author), Stigler Granados, P. E. (Principal Investigator/Author), 2021 International Research Conference, "Utilizing the Extension for Community Healthcare Outcomes Model (ECHO) to Educate U. S. Healthcare Providers on Chagas Disease," Texas State University, Virtual. (April 1, 2021).

[International Research Poster 2021 TXST-1.pptx](#)

[International Conference Abstract-1.docx](#)

Fulton, L. V., 2018 College of Health Professions Research Forum, "Machine Learning Approaches for Identification of Alzheimer's Disease using Social Determinants & Imagery," College of Health Professions. (April 11, 2018).

[brain 9-2.pdf](#)

Fulton, L. V., 2018 Health Scholar Showcase, "Machine Learning Approaches for Identification of Alzheimer's Disease using Social Determinants & Imagery," Texas State. (February 23, 2018).

[brain 9-1.pdf](#)

[conf4-1.pdf](#)

Gao, R., Berkshire, S., Hemanson, P., Fulton, L. V., 2016 AUPHA Annual Meeting, "Predicting Intention to Use Evidence-based Management among the U.S. Healthcare Administrators," AUPHA, Kansas City, MO. (June 23, 2016).

[2016 AUPHA Poster Award-1-1.pdf](#)

Kinsler, R., Baranzi, K., Lee, J., Fulton, L., Hatzfeld, J., 2015 Military Health System Research Symposium, "Enroute Care - Analysis of Two Surveys Examining Enroute Care Technologies, Platforms, and Space Requirements," Department of Defense. (August 2015).

[MHSRS Poster 2015 KINSLER MHSRS-15-0609-1.pptx](#)

Ivanitskaya, L. (Presenter & Author), Albee, P. (Presenter & Author), Fulton, L. (Presenter Only), Medicine 2.0, "An Adaptive EHealth Information Literacy Assessment for Pre-Professional Health Students," Harvard University, Boston, MA. (September 16, 2012).

[medicine 2-1.pdf](#)

Alvarez, M. R., Kerr, B., Burtner, J., Ledlow, G., Fulton, L., American Long-Term Care Association's Annual Clinical Conference, "Chief Nursing Officer Preferences when Utilizing Outsourced Nurses in LTACH," ALTCA, Dallas, TX. (May 17, 2012).

[ALTHA poster CNO preferences-1.pptx](#)

Alvarez, M. Raymond, Kerr, B., Burtner, J., Ledlow, G., Fulton, L., American Long-Term Care Association's Annual Clinical Conference, "Outsourced

Nursing Levels and Effects on LTACH Quality Outcomes," ALTCA, Dallas. (May 17, 2012).

[ALTHA poster outsourcing effects-1.pptx](#)

Fulton, L., Army Aviation Association of America (AAAA) Annual Meeting, "Future of Vertical Lift-Medical Evacuation Considerations," Army Aviation Association of America, Nashville, TN. (April 1, 2012).

[AAA-1.pdf](#)

Silvernail, T., Coates, H., Fulton, L., Mary Lipscomb Hamrick Research Course, "Analysis of the Effectiveness of the Recent Army Captain Retention Bonus," Army Medical Department, Fort Sam Houston, TX. (March 6, 2009).

[hambrick-1.pub](#)

Fulton, L., Mangelsdorff, A. D., Wood, S., Bewley, L., Mary Lipscomb Hamrick Research Course, "The Marginal Utility of Health Expenditures," Army Medical Department, Fort Sam Houston, TX. (March 6, 2009).

[hambrickversion3-1.pub](#)

Mangelsdorff, A. D., Coppola, M. N., Bewley, L., Fulton, L., Association of University Programs in Health Administration Annual Conference, "Evidence-based Educational Outcomes and Core Competencies: The Army-Baylor University MHA Program," Association of University Programs in Health Administration, Washington, DC. (June 2008).

[4 all-1.ppt](#)

Additional Comments:

<http://www.aupha.org/files/public/AM09.Poster.Dave.Mangelsdorff.pdf>

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Fulton, Lawrence V, Percent Contribution: 8.3%. FootJoy Support (Renewable Annually), Acushnet (Titleist & FootJoy), Private / Foundation / Corporate, \$40,000.00. Contract.

Additional Comments: Pending University Legal

Summers Rodriguez, Lucia Socorro (Principal), Percent Contribution: 10%, Fulton, Lawrence V (Co-Principal), Percent Contribution: 10%, Shallenberger, Alyssa Nicole. Identification of Sexual Trafficking Photos, Images, and Texts (I_STOPIT), NEC, Private / Foundation / Corporate, \$30,345.00. (Submitted: February 2022, Funded: March 2022 - Present). Grant.

[NEC-Americas_Proposal_FINAL-1.docx](#)
[Report_FINAL-1.pdf](#)

Fulton, Lawrence V (Principal), Percent Contribution: 25%, Biediger-Friedman, Lesli M (Co-Principal), Percent Contribution: 25%, Qasem, Apan Muhammad (Co-Principal), Percent Contribution: 25%, Villagran, Melinda Morris (Co-Principal), Percent Contribution: 10%, Renick, Cecil O (Co-Principal), Mileski, Michael (Supporting), Ramamonjjarivelo, Zo H (Supporting), Sen, Keya (Co-Principal), Mendez, Francis A (Supporting), Charles, Joni S J (Supporting), Perez, Eduardo (Supporting), Shanmugam, Ram (Supporting), Stigler Granados, Paula Elaine (Supporting), Hwang, Sangchul Scott (Supporting). Nutrition for Underserved Elderly via Application (NUEVA), DHHS (Administration for Community Living, acl.gov), Federal, \$3,000,000.00. (Submitted: March 10, 2022, Funded: August 2022 - August 2027). Grant.

[submitted ACL-1.pdf](#)

Fulton, Lawrence V (Principal), Villagran, Melinda Morris (Co-Principal), Bing Zhou (Co-Principal), Mendez, Francis A (Co-Principal), Ekin, Tahir (Co-Principal), Qasem, Apan Muhammad (Co-Principal), Konur, Dincer (Supporting), Alanis, Emmanuel (Supporting), Zihagh, Fereshteh (Supporting), Dong, Zhijie (Co-Principal), Shen, Xiaoxi (Supporting), De Nadai, Alessandro Stevens (Supporting), Zhu, Ye (Co-Principal), Hewitt, Barbara A (Co-Principal), Valles Molina, Damian (Supporting), White, Alexander (Supporting), Dolezel, Diane M (Supporting), Ioudina, Vera (Supporting), Islam, Tanzima Z (Supporting), Lee, Chul Ho (Supporting), Metsis, Vangelis (Supporting), Moradi, Masoud (Supporting), Gao, Ju (Supporting), Li-Jen, Lester (Supporting), Jones, Dustin (Supporting), Pham, Vung (Supporting), Holt, Melinda (Supporting), Kyung An, Min (Supporting), Islam, ABM (Supporting), Cho, Hyuk (Supporting), Liu, Quigzhong (Supporting), Liang, Fan (Supporting), Topinka, Joseph Baar (Supporting). The Accelerating Credentials of Purpose and Value for the Texas Innovation Corridor (TIC) Consortium Grant, THECB, State, \$1,450,000.00. (Submitted: November 2021, Funded: February 2022 - October 2022). Grant.

[final proposal with all signatures and letters 11 11 21-1.pdf](#)
[award-1.pdf](#)

Fulton, Lawrence V (Principal), Mendez, Francis A (Co-Principal), Qasem, Apan Muhammad (Co-Principal). Accelerating Credentials Planning Grant, THECB, State, \$50,000.00. (Funded: July 2022 - September 2022). Grant.

[Final Submission 5 26 22 \(3\)-1.pdf](#)

Stigler Granados, Paula Elaine (Principal), Percent Contribution: 9%, Betancourt, Jose Alberto (Co-Principal), Percent Contribution: 6%, Rohde, Rodney E (Co-Principal), Percent Contribution: 4%, Pacheco, Gerardo Jesus (Co-Principal), Percent Contribution: 3%, Fulton, Lawrence V (Co-Principal), Percent Contribution: 2%. Effective Surveillance of Chagas Disease for US Military Readiness along South West US Mexico Border Ports of Entry, DoD Global Health Engagement Research Initiative (GHERI) Award, Federal, \$705,755.76. (Funded: October 2020 - September 2022). Grant.

[Stigler Granados Award \(002\)-1.pdf](#)

[budget-1.xlsx](#)

Fulton, Lawrence V, Percent Contribution: 20%, De Nadai, Alessandro Stevens, Percent Contribution: 20%, Dong, Zhijie, Percent Contribution: 20%, Yan, Yan, Percent Contribution: 20%, Valles Molina, Damian, Percent Contribution: 20%, Lehr, Ted. AMD Equipment and Software Grant, AMD, Private / Foundation / Corporate, \$440,000.00. (Submitted: May 2020, Funded: May 2021 - May 2022). Grant.

[2020 0715 COVID-19 POD Grant Ltr - Texas State University-1.pdf](#)
[grant value-1.pptx](#)

Fulton, Lawrence V. Simio Software Grant, Simio, LLC, Private / Foundation / Corporate, \$2,400.00. (Submitted: April 2020, Funded: May 2020 - May 2022). Grant.

[simio grant-1.pdf](#)

Fulton, Lawrence V. AUPHA Program Award for Stull Essay, AUPHA, Private / Foundation / Corporate, \$1,000.00. (Funded: 2021). Gift.

[Richard J. Stull Essay Competition-1.pdf](#)

Stigler Granados, Paula Elaine (Principal), Percent Contribution: 20%, Rohde, Rodney E (Supporting), Percent Contribution: 10%, Fulton, Lawrence V (Supporting), Percent Contribution: 5%, Pacheco, Gerardo Jesus. Pilot Newborn Screening Program for Chagas, Mundo Sano, Private / Foundation / Corporate, \$376,209.00. (Submitted: December 30, 2018, Funded: September 30, 2019 - October 1, 2021). Gift.

[Newborn Screening Pilot Chagas Proposal 01012019-1.docx](#)

Fulton, Lawrence V. Richard J. Stull Essay Competition Program Award, Private / Foundation / Corporate, \$1,000.00. (Funded: April 2021). Gift.

[FW_Richard J. Stull Essay Competition-1.pdf](#)

Additional Comments: Program Award of \$1000 associated with student award of \$3000...best essay, USA and Canada

Fulton, Lawrence V. Swiss-US Energy Innovation Days 2020 Travel Grant, SUEID 2020, Private / Foundation / Corporate, \$2,541.49. (Funded: August 2020). Grant.

[AW_Swiss-US Energy Innovation Days 2020 Participation Registration Contribution and Grant-1.pdf](#)

Fulton, Lawrence V. Hierarchical Time Series Forecasting of Demand for FootJoy, FootJoy (#1 Manufacturer of Golf Shoes), Private / Foundation / Corporate, \$15,000.00. (Submitted: June 2018, Funded: August 2018 - December 2018). Contract.

[footjoy2-1.pdf](#)

Fulton, Lawrence (Co-Principal), Johnson, Don, Loughren, Michael, Gegel, Brian, Burger, James, Budinich, Craig, Carne, Carrie. Effects of Vasopressin Administration in a Cardiac Arrest Model, Triservice Nursing Research

Program, Federal, \$500,000.00. (Submitted: 2013, Funded: January 2014 - September 2017). Grant.

[Research News 2nd issue-1.pdf](#)

[NAVY-13-14\(2\) 15 October 2013-1.pdf](#)

Fulton, Lawrence. Contracted Statistician, FirstAuthor Speech Pathology Research, National Institutes of Health, Federal, \$1,000.00. (Funded: 2012). Contract.

Additional Comments: Travel only

Fulton, Lawrence V. Research Readiness Self-Assessment, National Institutes of Health, Federal, \$4,000.00. (Funded: January 2011). Contract.

[Selection of an Item Response Theory Model for the RRSA \(3\)-1.docx](#)

2. Submitted, but not Funded, External Grants and Contracts:

Fulton, Lawrence V (Principal), Tesic, Jelena (Co-Principal), Hewitt, Barbara A (Co-Principal), Dolezel, Diane M (Co-Principal), Gibbs, David L (Co-Principal), Ekin, Tahir (Co-Principal), Ramamonjiarivelo, Zo H (Co-Principal), McLeod, Alexander John (Co-Principal). Deep Learning for Male and Female Breast Cancer, Department of Defense, Federal, \$1,000,000.00. (Submitted: March 2021, Funded: September 2021 - 2023). Grant.

[ProjectNarrative \(1\)-1.pdf](#)

Fulton, Lawrence V. CREST Flood Resilience Center LOI, National Science Foundation, Federal, \$5,000,000.00. Grant.

[CREST LoI_FRC \(002\)-1.pdf](#)

Hwang, Sangchul Scott (Principal), Kulesza, Stacey (Co-Principal), Fulton, Lawrence (Co-Principal), Weigum, Shannon (Co-Principal), Ozbakkaloglu, Togay (Co-Principal). Flood Resilience Center for Marginalized Communities, NSF, Federal, \$5,000,000.00. Grant.

[CREST LoI_FRC_Hwang-1.pdf](#)

Additional Comments: Letter of Intent for internal competition

Hewitt, Barbara A (Principal), McLeod, Alexander John (Supporting), Fulton, Lawrence V (Co-Principal), Lieneck, Cristian H (Supporting), Moczygamba, Jacqueline A (Supporting), Gibbs, David L (Supporting), Dolezel, Diane M (Other), Wang, Tiankai (Supporting), Shanmugam, Ram (Supporting). Public informatics Health Education, Analytics, Research & Technology in Texas (Public iHEARTx), Office of the National Coordinator for Health Information Technology (ONC), Federal, \$10,000,000.00. (Submitted: August 11, 2021). Grant.

[PHIT Application Narrative 8 10 jm ra bh-1.docx](#)

[BH justifications 8 8 21 am-1.xlsx](#)

[Copy of KC3033.DetailedBudget.Hewitt.DHHS 8 5 21-1.xlsx](#)

Dong, Zhijie (Principal), Fulton, Lawrence V (Co-Principal), Yoon, Hyunwoo (Co-Principal). Risk Perception of Professional and Voluntary Rescue Workers During Emergency Response to the COVID-19, Natural Hazards Center, \$3,000.00. (Submitted: April 2020). Grant.

Dong, Zhijie, Fulton, Lawrence V. RAPID: Data Collection on Risk Perception of Professional and Voluntary Rescue Workers During Emergency Response to the COVID-19, National Science Foundation, Federal, \$121,996.00. (Submitted: March 2020). Grant.

Dong, Zhijie, Fulton, Lawrence V. Data-driven Operations Research (OR) Approaches to Improving Health Security, Robert Wood Johnson Foundation, Private / Foundation / Corporate, \$150,000.00. (Submitted: October 2019). Contract.

Stigler Granados, Paula Elaine (Principal), Betancourt, Jose Alberto (Co-Principal), Fulton, Lawrence V (Supporting). Epidemiologic and Economic Assessment of Healthcare-seeking Behaviors Among Veterans Affected by Gulf War Illness, Department of Defense, Federal, \$750,000.00. (Submitted: July 8, 2019). Grant.

[LOI GWI Stigler Granados-1.pdf](#)

Additional Comments: LOI submitted July 8, 2019.

Invitation to Submit an Application: August 2019

No invited to submit full application

Smith, Katherine, Percent Contribution: 15%, Fulton, Lawrence V, Percent Contribution: 23%. A Culture of Health as a Corporate Citizenship Priority, Robert Woods Johnson Foundation, Private / Foundation / Corporate, \$250,000.00. Grant.

[submitted RWJ-1.pdf](#)

Dong, Zhijie, Fulton, Lawrence V, Zhan, F Benjamin. Spatial-temporal network analysis and optimal strategies for disruption of opioid crisis, MIRG, Texas State University, \$30,000.00. (Submitted: May 31, 2019). Grant.

[MIRG application-1.pdf](#)

Dong, Zhijie, Fulton, Lawrence V, Zhan, F Benjamin. Spatial-temporal network analysis and optimal strategies for disruption of opioid crisis, National Science Foundation, Federal, \$400,000.00. (Submitted: May 15, 2019). Grant.

[proposal draft_05142019 lvf-1.docx](#)

Delgado, Rigoberto (Principal), Percent Contribution: 14%, Stigler Granados, Paula Elaine (Co-Principal), Percent Contribution: 14%, Almeida, Igor (Co-Principal), Percent Contribution: 14%, Maldonado, Rosa (Co-Principal), Percent Contribution: 14%, Betancourt, Jose Alberto (Co-Principal), Percent Contribution: 14%, Fulton, Lawrence V (Supporting), Percent Contribution: 14%, Hamer, Sarah (Supporting), Percent Contribution: 14%. Effective

Surveillance and Early Infection Treatment of Chagas Disease for US Military Readiness, U.S. Department of Defense, Federal, \$2,831,107.00. (Submitted: December 21, 2018). Grant.

[Preview application 12.22.18_7.40p.m.-1.pdf](#)

Fulton, Lawrence V, Yan, Yan. Deep Learning Classification and Genotype-Phenotype Matching of Breast Cancer using Imagery, Clinical Data, and Social Determinants, Department of Defense, Federal, \$600,000.00. (Submitted: May 16, 2018). Grant.

[ProjectNarrative-1.pdf](#)

Ustinova, K, Ivanistkaya, L, Fulton, Lawrence V. NIH: A Drawing Test for Assessment of Bimanual Coordination in Patients with Stroke, NIH, Federal, \$100,000.00. (Submitted: 2013). Grant.

3. Funded Internal Grants and Contracts:

Fulton, Lawrence V. Presidential Research Leave Grant, Texas State University, \$55,000.00. (Funded: 2021 - 2022). Grant.

[Fulton \(002\)-1.pdf](#)

Fulton, Lawrence V. Deep Vision for Breast Cancer Classification and Segmentation, Texas State University, \$8,000.00. (Submitted: October 2021, Funded: December 2021 - September 2022). Grant.

[REP updated-1.pdf](#)

[FY22 REP Awards-1.xlsx](#)

Fulton, Lawrence, Musal, Rasim, Wierschem, David. Phishing for Spam: An Experimental Design, Texas State University College Grant, State, \$800.00. (Funded: July 2011). Grant.

[800internal-1.pdf](#)

Fulton, Lawrence (Principal), Musal, Rasim. Phishing for Spam: An Experimental Design, Texas State University Research Enhancement University Grant, State, \$13,898.00. (Funded: July 2011). Grant.

[14kinternal-1.pdf](#)

Fulton, Lawrence V, Musal, Rasim. The Effects of Computer-Assisted Instruction and Variable Certification Requirements on Student Performance in Undergraduate Statistics Classes, Texas State University College Grant (McCoy School of Business), State, \$745.00. (Funded: July 2011). Grant.

[745internal-1.pdf](#)

4. Submitted, but not Funded, Internal Grants and Contracts:

Dong, Zhijie (Principal), Fulton, Lawrence V (Co-Principal), Dailey, Stephanie Layne (Co-Principal), Lee, Chul Ho (Co-Principal). Combating COVID-19

Misinformation on Social Media, Texas State University, \$30,000.00.
(Submitted: February 2022). Grant.

[2022 MIRG submission update-1.pdf](#)

Ekin, Tahir (Supporting), Fulton, Lawrence V (Principal), Hewitt, Barbara A (Supporting), Dolezel, Diane M (Supporting), McLeod, Alexander John (Supporting), Musal, Rasim M (Supporting), Lieneck, Cristian H (Supporting). Modeling Alzheimer's Disease Progression via Novel Deep Learning Strategies, Texas State University Multi-disciplinary Internal Research Grant (MIRG), Texas State University, \$30,000.00. (Submitted: January 2021). Grant.

Fulton, Lawrence V (Principal), Percent Contribution: 50%, Lieneck, Cristian H, Percent Contribution: 50%. Research Enhancement Program, Texas State University, \$16,000.00. (Submitted: 2020). Grant.

[final-1.docx](#)

Yan, Yan, Fulton, Lawrence V. Deep Learning for Breast Cancer using Imagery, Clinical Data, and Social Determinants, Texas State University, \$14,000.00. (Submitted: October 2018). Grant.

[REP_final-1.pdf](#)

Fulton, Lawrence V, Yan, Yan, Percent Contribution: 50%. Modeling Alzheimer's Disease Progression via CNN-RNN Deep Learning Strategy, Texas State, Texas State University, \$30,000.00. (Submitted: March 24, 2018). Grant.

[MIRG3-1.docx](#)

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: College Achievement Award-Research, University.

2022 - Present

[\\$1000 College Achievement List_2022-1.pdf](#)

Award / Honor Recipient: Excellence in Scholarly / Creative Activities, College of Health Professions.

2022 - Present

[IMG_3951-1.jpg](#)

Award / Honor Recipient: Fellow, Translational Health Research Center, Texas State University.

January 2022 - Present

Award / Honor Recipient: Best Application of Theory Conference Paper, Green Cities 2022.

June 2022

[Best Paper Wards--The Global Interdisciplinary Green Cities Conference 2022 \(002\)-1.pdf](#)

Award / Honor Recipient: Best Paper Award, Contribution to Theory, Green Cities Conference.

June 2022

[Best Paper Wards--The Global Interdisciplinary Green Cities Conference 2022 \(002\)-2.pdf](#)

Award / Honor Recipient: Presidential Research Leave Award (1 of 5 Awards), Texas State University.

September 2021 - May 2022

[Fulton-1.pdf](#)

[Fulton FDL approval-1.pdf](#)

Award / Honor Recipient: Best Application of Theory Paper: 128 authors, 15 countries, 50 universities (Geospatial), Green Cities Conference, Augsburg.

2021

[Final--Booklet-5-3-21docx \(002\)-2.pdf](#)

Award / Honor Recipient: Best Contribution to Theory Paper: 128 authors, 15 countries, 50 universities (Waste Management), Green Cities Conference.

2021

Award / Honor Recipient: Presidential Distinction Award, Scholarly / Creative, Texas State University.

2021

[Memo Style-1.pdf](#)

[Fulton Scholarship-1.pdf](#)

Award / Honor Recipient: Richard Briotta Best Knowledge Management & Strategy, 128 authors, 15 countries , 50 universities (Heart Failure), Green Cities Conference, Augsburg.

2021

[Final--Booklet-5-3-21docx \(002\)-1.pdf](#)

Award / Honor Recipient: Faculty Excellence Award, Scholarship, College of Health Professions.

2019 - 2020

[2019 faculty excellence award-1.jpg](#)

Award / Honor Recipient: Dean's Seminar Presentation, College of Health Professions.

November 2020

[deansseminar-1.jpg](#)

Award / Honor Recipient: Best Application of Theory Paper, Green Cities Conference ICN Business School, Nancy France.

January 2018 - June 2018

[2018 bestpaper-1.JPG](#)

[2018 green cities-1.pdf](#)

Award / Honor Recipient: Health Scholar Showcase Poster Award (\$5000), Texas State University.

January 2018 - April 2018

[2018 Health Scholar Showcase - Gallery Office of Research and Sponsored Programs Texas State University-1.pdf](#)
[translational health research award-1.pdf](#)

Award / Honor Recipient: 1st Place, College of Health Professions Research Forum (Poster), College of Health Professions.

January 2018 - March 2018

[1st place-1.JPG](#)

Additional Comments: Machine Learning Approaches for Identification of Alzheimer's Disease using Social Determinants & Imagery

Award / Honor Recipient: 2d Place, College of Health Professions Research Forum Poster Competition, College of Health Professions.

January 2018 - March 2018

[2d place-1.JPG](#)

Additional Comments: A Simulation of Rainwater Harvesting Design and Demand-Side Controls for Large Hospitals

Award / Honor Recipient: AUPHA Poster Presentation Award (2d Place), Association of University Programs in Health Administration.

June 2017

[2017 AUPHA Poster Award-1.pdf](#)

Award / Honor Recipient: INFORMS Koopman Prize (\$500), INFORMS.

August 2016

[2016 Koopmans Prize Best Paper-1.JPG](#)

Additional Comments:

<https://www.informs.org/Recognize-Excellence/Community-Prizes-and-Awards/Military-Applications-Society/Koopman-Prize>.

Award / Honor Recipient: AUPHA Poster Presentation (3d Place), AUPHA.

June 2016

[2016 AUPHA Poster Award-1.pdf](#)

Award / Honor Nominee: Best Contribution to Theory, International Decision Sciences Institute.

February 2013

Additional Comments: Nominated for best contribution to theory for auto-optimization algorithm

Award / Honor Recipient: Beta Gamma Sigma Honor Society, Beta Gamma Sigma.

October 2012

[betagammasigma-1.JPG](#)

Additional Comments: Lifetime member. "Beta Gamma Sigma is the premier honor society recognizing business excellence. Lifetime members of the Society have earned the right to be considered the 'Best in Business.'" <http://www.betagammasigma.org/>

Award / Honor Recipient: Dean's Award for Scholarly / Creative Activity (Monetary), McCoy College of Business.

August 2012

[scholcreative-1.JPG](#)

Additional Comments: Award recognizes scholarly contributions within the McCoy College of Business, Texas State University

Award / Honor Recipient: Deputy Commanding General of AMEDD (Two-Star General) Memorandum of Appreciation for Research, Army.

July 2012

[2starnote-1.JPG](#)

Additional Comments: Commendation letter sent by the Deputy Commanding General of the Army Medical Department for research conducted in support of the Army medicine.

Award / Honor Recipient: Research Award, Army-Baylor University.

2008

[research award-1.pdf](#)

Award / Honor Nominee: Barchi Award, Military Operations Research Society.

2006

Award / Honor Recipient: Distinguished Master Logistician Finalist Designation, Army, Command & General Staff College.

2000

[masterlog-1.JPG](#)

Award / Honor Nominee: Marshall Award, Command & General Staff College.

2000

Additional Comments: For superior scholarship, Command and General Staff College

Award / Honor Recipient: Boone Powell Award, Baylor University.

1998

[boonepowell-1.JPG](#)

Additional Comments: Best Graduate Management Project of the Baylor class

Award / Honor Recipient: Baylor Alumni Award, Baylor.

1997

[faculty award-1.jpg](#)

Award / Honor Recipient: Dewey Lutes Research Award, Baylor University.

1997

[deweylutes-1.JPG](#)

Award / Honor Recipient: Alumni Association Award, Baylor.

1996 - 1997

[alumniassociation-1.JPG](#)

Award / Honor Recipient: Foster G. McGaw Scholarship Award, AUPHA.

1996 - 1997

[fostermcgaw-1.JPG](#)

Award / Honor Recipient: Honor Graduate, Officer Advanced Course, Army.

1994

[hgadvancedcourse-1.JPG](#)

Award / Honor Recipient: Distinguished Honor Graduate, Medical Logistics Management Course, Army.

1992

[DHGMedLog1991-2.JPG](#)

1991

[DHGMedLog1991-1.JPG](#)

Award / Honor Recipient: Honor Graduate, Aviation Basic Course, Army.

1990

[honor_grad-1.jpg](#)

Additional Comments: Exceeds course standards

Award / Honor Recipient: Distinguished Military Graduate, Department of the Army.

1987

[dmg-2.JPG](#)

Award / Honor Recipient: Magna Cum Laude, Texas State University.

1987

[magna cum laude-1.pdf](#)

Award / Honor Recipient: Outstanding Criminal Justice Senior, Texas State University.

1987

[outstanding cj student-1.JPG](#)

Award / Honor Recipient: Scholarship Award, Southwest Texas State University.

1987

[scholarship award-1.JPG](#)

Award / Honor Recipient: USAA Scholarship Award (\$1000), USAA.

1986

[USAA-1.JPG](#)

E. Scholarly / Creative Professional Development Activities Attended:

Self-Study Program, "CITI Renewal," Citiprogram.org. (2021 - Present).
[Citi Certificate-1.pdf](#)

Conference Attendance, "Green Cities Conference," Lucerne University of Applied Sciences & Arts, Luzern, Switzerland. (June 21, 2022 - June 25, 2022).
[Program Chairs GreenCities-1.pdf](#)

Conference Attendance, "Green Cities Conference, 2021," Augsburg University (Virtual), Augsburg, Germany. (June 22, 2021 - June 26, 2021).
[Green Cities Conf Program Scheulde-Final-6-20-2021-1.pdf](#)

Conference Attendance, "Blue Economy and Sustainability," Roger Williams University. (April 2021).
[Time Zones-In the Memeory of Dean Potter-April 22-23 2021--Seminars-1.pdf](#)

Seminar, "Dean's Seminar," College of Health Professions. (November 2020).
[deans seminar-1.pdf](#)

Seminar, "Dean's Seminar," College of Health Professions. (November 2018).
[Deans Seminar Invitation2018-1.pdf](#)

Conference Attendance, "Green Cities Conference," ICN Business School, Nancy, France. (June 27, 2018 - June 30, 2018).
[2018 green cities-1.pdf](#)
[conf3-8.pdf](#)

Course, "TeamSTEPPS 2.0 Fundamentals Course," Department of Nursing. (May 1, 2018).
[teamstepps-1.JPG](#)

Conference Attendance, "American College of Healthcare Executives Congress," ACHE, Chicago, IL. (March 25, 2018 - March 29, 2018).
[conf2-5.pdf](#)
[ache-2.pdf](#)

Conference Attendance, "INFORMS Annual Meeting," Institute for Operations Research and Management Science, Houston, United States. (2017).
[informs 2017-1.pdf](#)

Conference Attendance, "Northeast Decision Sciences Institute Annual Conference," NEDSI, Springfield, MA, United States. (March 22, 2017 - March 25, 2017).
[NEDSI2017-1.pdf](#)
[conf3-9.pdf](#)

Conference Attendance, "Congress on Healthcare Leadership," American College of Healthcare Executives, Chicago, HI, United States. (March 2016).
[ache-3.pdf](#)

Conference Attendance, "World Conference on Quality and Improvement, 2015," American Society for Quality, Nashville, TN, United States. (May 4, 2015 - May 6, 2015).

[2015 world conference scan-1.pdf](#)

Conference Attendance, "American College of Healthcare Executives Congress," ACHE, Chicago, IL, United States. (March 15, 2015 - March 19, 2015).

[conf3-7.pdf](#)

[ache-4.pdf](#)

Conference Attendance, "Lean Six Sigma Conference," American Society for Quality, Phoenix, AZ, United States. (March 2, 2015 - March 3, 2015).

[conf3-5.pdf](#)

Additional Comments: <http://asq.org/conferences/six-sigma/2015/program/>

Conference Attendance, "European Decision Science Institute Conference (EDSI)," Decision Science Institute Conference, Denmark. (2014).

[Receipt-1.pdf](#)

Conference Attendance, "Aeromedical Evacuation En Route Medical Care Conference," U.S. Air Force. (October 30, 2014 - November 2, 2014).

[2014 ata conference-1.pdf](#)

Seminar, "Aggressively Improve Cost, Quality, and Throughput," American College of Healthcare Executives, Austin, TX, United States. (October 15, 2014 - October 16, 2014).

[ache-1.pdf](#)

[aggressively-1.pdf](#)

Continuing Education Program, "DC Special Flight Rules Area," FAA, Washington, DC, United States. (August 30, 2014).

[DC Special Flight Rules Area Course Completion-1.pdf](#)

Conference Attendance, "European Decision Sciences Institute," DSI, Kolding, Denmark. (July 1, 2014 - July 2, 2014).

[conf3-1.pdf](#)

Conference Attendance, "INFORMS Healthcare Conference," INFORMS, Chicago, IL. (June 2014).

[conf3-4.pdf](#)

Self-Study Program, "Do The Right Thing: Decision Making for Pilots," Air Safety Institute. (2013).

[do the right thing-1.pdf](#)

Self-Study Program, "Positive Aircraft Control," Federal Aviation Administration. (2013).

[positive AC control-1.pdf](#)

Seminar, "Public Benefit Flying Online Course," Air Safety Institute. (2013).

[public benefit flying-1.pdf](#)

Conference Attendance, "INFORMS Annual Conference, 2013," Minneapolis, MN. (October 6, 2013 - October 9, 2013).

[conf2-3.pdf](#)

Conference Attendance, "International Decision Sciences Institute Conference," DSI, Bali, Indonesia. (July 2013).

[all conference CDs-1.pdf](#)

[13th idsi-1.pdf](#)

[conf3-3.pdf](#)

Continuing Education Program, "IACUC and Swine Training," Air Force Laboratory, San Antonio, TX. (July 2013).

Conference Attendance, "INFORMS Healthcare Conference," INFORMS, Chicago, IL. (June 23, 2013 - June 25, 2013).

[2013 informs health-1.pdf](#)

Conference Attendance, "American Society for Quality World Conference on Quality," American Society for Quality, Indianapolis, IN. (May 2013).

[2013 world conference-1.pdf](#)

[conf3-2.pdf](#)

Conference Attendance, "American Society for Quality Lean Six Sigma Conference," American Society for Quality, Phoenix, AZ. (March 2013).

[2013 Lean Six Conference-1.pdf](#)

[conf2-6.pdf](#)

Conference Attendance, "Winter Simulation Conference," Berlin, Germany. (December 9, 2012 - December 12, 2012).

[wintersim-1.pdf](#)

[conf2-1.pdf](#)

Conference Attendance, "AutumnSim," Society for Modeling & Simulation International. (October 28, 2012 - October 31, 2012).

[2012 autumn sim-1.pdf](#)

[conf2-2.pdf](#)

Conference Attendance, "Joint Statistics Meeting," American Statistical Society, San Diego, CA. (April 2012).

[jsm2012-1.pdf](#)

[conf2-4.pdf](#)

Tutorial, "Adobe Connect Tutorial," Texas State University, San Marcos, TX. (March 8, 2012).

Conference Attendance, "Institute for Operations Research & Management Science Annual Meeting," INFORMS, Charlotte, NC. (November 12, 2011 - November 17, 2011).

[informs 2011-1.pdf](#)
[confl-7.pdf](#)

Conference Attendance, "Joint Statistics Meeting," American Statistical Association, Miami Beach, FL. (July 30, 2011 - August 5, 2011).

Conference Attendance, "Joint Statistics Meeting," American Statistical Association. (July 30, 2011 - August 4, 2011).

[2011 JSM-1.pdf](#)
[confl-6.pdf](#)

Conference Attendance, "International Federation of Operational Research Societies," IFORS, Melbourne, Australia. (July 11, 2011 - July 15, 2011).

[confl-9.pdf](#)

Conference Attendance, "European Decision Sciences Institute," DSI, Wiesbaden, Germany. (June 23, 2011 - June 26, 2011).

[confl-5.pdf](#)

Continuing Education Program, "Program for Excellence in Teaching and Learning," Texas State University, San Marcos, TX. (September 2010 - May 2011).

Workshop, "MultiCultural Curriculum," Texas State University, San Marcos, TX. (May 16, 2011 - May 20, 2011).

[multicultural-1.pdf](#)

Conference Attendance, "Northeast Decision Sciences Institute," Decision Sciences Institute, Montreal. (April 14, 2011 - April 16, 2011).

[all conference CDs-2.pdf](#)
[nedsi 2011-1.pdf](#)
[confl-4.pdf](#)

Conference Attendance, "23rd Annual Quality Management Division Conference," American Society for Quality, Orlando, FL. (March 2011).

Conference Attendance, "Southwest Decision Sciences Institute (Federation of Business Disciplines)," Decision Sciences Institute, Houston, TX. (March 2011).

[all conference CDs-4.pdf](#)
[2011 swdsi-1.pdf](#)
[confl-8.pdf](#)

"Great Lakes Conference on Teaching & Learning." (2010).

[great lakes 2010-1.pdf](#)
[confl-3.pdf](#)

Conference Attendance, "Joint Statistics Meeting," American Statistical Association, Vancouver, Canada. (July 31, 2010 - August 6, 2010).

[2010 JSM-1.pdf](#)

[2010 jsm 2-1.pdf](#)

[conf1-1.pdf](#)

Seminar, "Research Seminar, CDC Tour," Central Michigan University, Atlanta, GA. (June 2, 2010 - June 5, 2010).

[DHA709 2010 FOUR is best rating-1.pdf](#)

Conference Attendance, "International Decision Sciences Institute Conference." (2009).

[all conference CDs-3.pdf](#)

[conf1-2.pdf](#)

F. Media Recognition:

Internet, AMD. (July 2022).

[AMD COVID-19 High Performance Computing \(HPC\) Fund _AMD-1.pdf](#)

Internet, AMD YouTube Video. (March 10, 2022).

Additional Comments: Pending production

Internet, Texas State Research Highlights. (2020).

[Rainwater Recycling in Modern Homes and..-1.pdf](#)

Internet, AMD.com. (September 2020).

[AMD COVID-19 HPC Fund _AMD-1.mhtml](#)

Additional Comments: COVID Research

Internet, Texas State Digital Newsroom. (September 2020).

[AMD Grant Texas State-1.mhtml](#)

Internet, Texas State Digital Newsroom. (September 2019).

[mail footjoy-1.pdf](#)

Internet, University Marketing. (September 2019).

[Mail - Fulton Lawrence V - Outlook-1.pdf](#)

Additional Comments: Rainwater harvesting work.

Magazine, Texas Monthly. (January 2021).

[Top of Mind – Texas Monthly-1.pdf](#)

Magazine, ORMS Today 44(1). (February 2016).

[koopman-1.pdf](#)

Additional Comments: Award of Koopman's Prize

<https://www.informs.org/ORMS-Today/Public-Articles/February-Volume-44-Number-1/Informs-News-2016-INFORMS-Subdivision-Awards>

Newspaper, University Star. (2021).

[Re_ University Star Interview Request-1.pdf](#)

Additional Comments: University Star Interview / Article

Newspaper, Austin American Statesman. (September 17, 2020).

[austin american-1.mhtml](#)

Newspaper, San Antonio Express News. (March 23, 2012).

[Getting off the grid - San Antonio Express-News-1.pdf](#)

Newspaper, San Marcos Daily Record. (February 24, 2012).

[Daily Record Page11 2012-02-24-1.pdf](#)

TV, KSAT Television. (February 9, 2012).

[the-greenest-home-in-texas-1.pdf](#)

Additional Comments:

[https://cdnapisec.kaltura.com/html5/html5lib/v2.66.1/mwEmbedFrame.php/p/1636891/uiconf_id/36216731/entry_id/1_ubzxhjpa?wid=_1636891&iframeembed=true&playerId=media-preview_0_1_ubzxhjpa&entry_id=1_ubzxhjpa&flashvars\[streamerType\]=auto%22](https://cdnapisec.kaltura.com/html5/html5lib/v2.66.1/mwEmbedFrame.php/p/1636891/uiconf_id/36216731/entry_id/1_ubzxhjpa?wid=_1636891&iframeembed=true&playerId=media-preview_0_1_ubzxhjpa&entry_id=1_ubzxhjpa&flashvars[streamerType]=auto%22)

IV. SERVICE

A. Institutional

1. University:

Member, Suspensions Appeal Committee. (June 2019 - 2022).

[Suspension-1.pdf](#)

Participant, Big Ideas Virtual Week. (September 2020 - October 2020).

[virtual week-1.pdf](#)

Chair, Honors Contract (H. Callie Ball). (January 2020 - May 2020).

[HA Richard Stull Competition \(002\)-1.docx](#)

[Honors Contract Assessment Form - 29 June 2018 \(002\)-1.pdf](#)

Chair, Honor's Thesis (Bridgette Abbot). (September 2019 - May 2020).

[WINNER WINNER LOTTERY DINNER - Initial Draft \(003\)-1.docx](#)

Participant, Faculty Qualifications T&P Alpha / Beta Tester. (2019).

Additional Comments: Helped DOIT underwrite the successful Tenure & Promotion Digital Measures / Faculty Qualifications adoption process for 2019

Judge, Undergraduate Research Competition. (April 26, 2019).

[undergrad research-1.pdf](#)

Guest Speaker, Difficult Dialogues: Success through Engagement, Leadership, and Social Change. (2016).

Member, Smart, Sustainable, Sensor Technology and Renewable Systems. (2012 - 2014).

Presenter, Environmental Service Committee. (2012).

Additional Comments: Presented proposal for the adoption of charging stations at Texas State

2. College:

Member, Buessler Event. (2015).

Member, MBA Task Force. (2013 - 2014).

Sponsor, Business Leadership Week. (2013 - 2014).

[businessleadershipweek-1.pdf](#)

Member, Ethics, Diversity, and Sustainability. (2012 - 2014).

Evaluator, Business Leadership Week Mini-Case Competition Evaluator. (2013).

[businessleadershipweek-2.pdf](#)

Member, Research Enhancement Program Committee. (2013).

3. Department/School:

Organizer, SOHA Research Coordinator. (November 2019 - 2022).

Undergraduate Advisor, BSHS Program Director. (January 2019 - 2021).

Undergraduate Advisor, BHA Program Director. (2018 - 2021).

Member, MBA HOM Admissions Committee. (2014 - 2017).

Member, MBA HOM Scholarship Committee. (2014 - 2017).

Undergraduate Advisor, Faculty Advisor, Association of Information Technology Professionals. (2012 - 2014).

Member, Faculty Selection Committee. (2012 - 2013).

Undergraduate Advisor, Panel Advisor CIS Junior and Senior Forum. (2012).

Member, Curriculum Committee. (2008 - 2010).

Member, Research Committee. (2008 - 2010).

Graduate Advisor, Faculty Advisor. (2007 - 2010).

Member, Accreditation Committee. (2009).

B. Professional:

Reviewer / Referee, Cancers. (June 2021 - Present).

[Cancers Manuscript ID cancers-1257002 - Review Request Accepted-1.msg](#)

Reviewer / Referee, Journal of Simulation. (June 2021 - Present).

[JOS TJSM-2021-OP-0124 - Thank you for your review-1.msg](#)

Editorial Review Board Member, Medicina (JCR IF=1.429). (March 2020 - Present).

Reviewer / Referee, Water (Journal). (2018 - Present).

[publons-1.pdf](#)

Reviewer, Journal Article, ACM Transactions on Modeling and Simulations. (April 2012 - Present).

[publons-2.pdf](#)

Additional Comments: Provide meaningful reviews for journal.

Reviewer, Journal Article, Healthcare Management Science. (2008 - Present).

[publons-3.pdf](#)

Reviewer, Journal Article, European Journal of Operational Research. (2007 - Present).

[publons-4.pdf](#)

Reviewer, Journal Article, Health Services Research. (2007 - Present).

[publons-5.pdf](#)

Reviewer, Journal Article, Military Medicine. (2006 - Present).

[publons-6.pdf](#)

Reviewer / Referee, Cancers. (January 2022 - July 2022).
[special issue-1.pdf](#)

Chair, Green Cities Conference Program Chair, Luzern, Switzerland. (October 2021 - March 2022).
[Program Chairs_GreenCities-1.pdf](#)

Chair, Green Cities Conference Healthcare Track. (2020).

Chair, Green Cities Conference Healthcare Track, Augsburg, Germany. (2019 - 2020).
[6. Track Chairs-7-16-19-1.pdf](#)

Speaker, AI & Blockchain Conference, Austin, TX, United States. (2019 - July 18, 2019).
[ai and blockchain-1.pdf](#)

Member, CAHME Candidacy Committee. (2018 - 2019).

Speaker, Panel title: How AI is Changing the Business Landscape, Austin Technology Council CEO Summit, Austin, TX, United States. (October 28, 2019).
[ceo summit-1.pdf](#)
[proof of ceo summit-1.pdf](#)

Reviewer / Referee, Winter Simulation Conference, National Harbor, MD, United States. (March 2019 - June 2019).
[wintersiminvite-1.pdf](#)

Chair, Green Cities Conference, Poland. (January 2019 - May 2019).
[Green_Digital Cities Conf-Entire Booklet-1.pdf](#)

Chair, Health Administration Track Chair Green Cities Conference, Nancy, France. (2017 - 2018).
[track chair-1.pdf](#)

Fellow, CAHME Accreditation Team. (2015 - 2017).
[fellow roster-1.pdf](#)

Reviewer, Journal Article, Armed Forces & Society. (2015 - 2017).
[publons-7.pdf](#)

Track Chair, 2017 Northeast Decision Sciences Institute Conference, VA, United States. (November 2016 - May 2017).
[2017 track chair-1.pdf](#)

Reviewer, Journal Article, Teaching Statistics. (January 2016 - December 2016).

Reviewer, Journal Article, Journal of Medical Internet Research. (2014 - 2016).

Committee Member, First World Congress and 2016 Asia Pacific DSI Conference.
(January 2016 - August 2016).

[apdsi-1.pdf](#)

Track Chair, 2016 Northeast Decision Sciences Institute Conference, VA, United States.
(November 2015 - May 2016).

[2016 track chair nedsi-1.pdf](#)

Fellow for Loma Linda University Accreditation Site Visit, CAHME Fellow for Loma Linda University Accreditation. (October 2015 - December 2015).

Additional Comments: Conduct accreditation visit for Loma Linda University's MHA program.

Proctor / Trainer, American Society for Quality. (2015).

[2015 Proctor-2.JPG](#)

Editorial Review Board Member, Association of Military Surgeons of the United States.
(2010 - 2015).

Member, CAHME Site Visit, University of Arkansas, Little Rock, AR, United States.
(July 2015 - October 2015).

Interaction with Industry, Institute for Operations Research & Management Science
(CAP review), West Lake, TX, United States. (May 19, 2015 - May 23, 2015).

Proctor, Six Sigma Green Belt Certification, American Society for Quality, Round Rock, TX, United States. (April 30, 2015).

Additional Comments: Proctored Green Belt examination.

Chairperson, Association of Information Technology Professionals (AITP). (October 2014 - March 2015).

Track Organizer, North East Decision Sciences Institute, Track Organizer. (June 2014 - March 2015).

[nedsi track chair-1.pdf](#)

Reviewer, Conference Paper, 2015 INFORMS Computing Society Conference. (October 2014 - November 2014).

Chairperson, Association of Information Technology Professionals (AITP). (October 2013 - March 2014).

Track Organizer, North East Decision Sciences Institute, Philadelphia, PA, United States.
(June 2013 - March 2014).

Additional Comments: Set up healthcare tracks for conference.

Co-Chair, INFORMS Annual Conference Joint Session (MAS/HAS/DAS): Decision Making in Military Healthcare. (2013).

[informs2013papersandchair-1.pdf](#)

Reviewer, Journal Article, BMC Health Services Research. (2012 - 2013).

Additional Comments: Reviewer for journal.

Editor, Journal Editor, Journal of Defense Modeling and Simulation. (2010 - 2013).

[jdms editor-1.pdf](#)

Book Reviewer (Listed in Journal), Armed Forces & Society (Journal). (May 1, 2011 - October 2013).

Reviewer, Conference Paper, Academy of Management, 73d Annual Meeting, Lake Bueno Vista, FL, United States. (January 2013 - August 2013).

Track Chair, International Decision Science Institute (IDSI), Bali, Bali, Indonesia. (September 2012 - July 2013).

[idsi chair reviewer-1.pdf](#)

Additional Comments: Coordinate submissions, coordinate reviews, review submissions, approve submissions, organize sessions, solicit session chairs.

Business Analytics Competition Coordinator, Association for Information Technology Professionals, Saint Louis, MO, United States. (October 2012 - April 2013).

Reviewer, Conference Paper, Academy of Management Meeting, 2013. (January 2013 - March 2013).

Additional Comments: Review papers.

Business Analytics Competition Coordinator, Association of Information Technology Professionals (AITP), San Antonio, TX. (October 2011 - April 2012).

[conf2-1.pdf](#)

Session Chair, Institute for Operations Research & Management Science, Charlotte, NC, United States. (November 30, 2010 - November 30, 2011).

[informs 2011 session chair-1.pdf](#)

[conf2-2.pdf](#)

Additional Comments: Session Chair for Operations Research in the Federal Government, Health Track.

Session Chair, International Federation of Operational Research Societies (IFORS) 19th Triennial Conference, Melbourne, Australia. (August 2010 - July 2011).

[chairifors-1.pdf](#)

Additional Comments: Organization Operations Research for Health Contingency Operations session.

Committee Chair, INFORMS Annual Conference. (2007).

Committee Member, Military Operations Research Society Working Group #23. (2006).

Officer, Vice President, Army-Baylor Alumni Association. (2000).

C. Community:

Speaker, Green & Healthy Communities, Longmeadow, MA. (October 2021).

[Longmeadow--Seminar- Fall 21-Minoo-1.pdf](#)
[living sustainably-1.pptx](#)

Speaker, Boston College, Boston, MA. (July 15, 2020).

[Where are we in the pandemic _Are we at the end_ Or is this just the beginning. - Woods College of Advancing Studies-1.pdf](#)

Additional Comments:

<https://appliedeconomics.bc.edu/where-are-we-in-the-pandemic/>

Speaker, Boston College, Boston, MA. (May 14, 2020).

[Prominent Economists Discuss the Economic Impact of an Outbreak in Live Webinar-1.pdf](#)

Additional Comments: <https://www.youtube.com/watch?v=AEkvKiNKJ3o>

Speaker, San Marcos Academy, San Marcos, TX. (March 2019).

[san marcos academy-1.pdf](#)

Volunteer, Angel Flight Command Pilot, Bulverde, TX. (August 2013 - November 2018).

[angelflightev-1.pdf](#)

Additional Comments: Provided aeromedical transport pro bono.

Six Sigma Lecturer / Test Administrator, Texas State University, San Marcos, TX. (January 2015 - April 2015).

[proctor-1.pdf](#)

Research Advisor, College of the Bahamas, Nassau. (October 2014 - December 2014).

Additional Comments: Provided research guidance for College of Bahamas MBA students.

Volunteer, New Braunfels Police Department Kops & Kids, New Braunfels, TX. (May 11, 2013 - May 2013).

Additional Comments: Volunteered to support Kops & Kids program for the New Braunfels community.

Officer, Treasurer, Steele High School Band, Cibolo, TX. (May 2010 - May 2011).

Additional Comments: Responsible for managing all financial transactions for a 240-member band.

Guest Speaker, Kiwanis, San Marcos, TX. (March 24, 2010).

Additional Comments: Discussed military deployment considerations.

Coach, SAYSAT Soccer, Cibolo, TX. (2007 - 2008).
Additional Comments: Coached youth soccer.

Committee Member, Doby Middle School Science Fair, Cibolo, TX. (March 2008).

D. Organization Memberships:

Army War College Alumni Association Life Member (AWC). (2008 - Present).
[awc-1.JPG](#)

Military Aeromedical Evacuation Society Life Member (DUSTOFF Association). (2000 - Present).
[dustoff-1.JPG](#)
[dustoff2-1.JPG](#)

American Society for Quality (ASQ). (2012 - 2022).
[asq-1.pdf](#)

Institute for Operations Research and Management Science (INFORMS). (2005 - 2022).
[informs-1.pdf](#)

American Statistical Association Member (AMSTAT). (2004 - 2022).
[asa-1.pdf](#)

Royal Statistical Society (RSS), Fellow CStat CSci. (2006 - 2021).
[rss-1.pdf](#)

Association of Military Surgeons (AMSUS). (2004 - 2021).
[amsus-1.pdf](#)

American College of Healthcare Executives, Fellow (FACHE). (1996 - 2020).
[ache-1.pdf](#)

Aircraft Owners and Pilots Association (AOPA). (2012 - 2019).

Society for Simulation and Modeling International (SCS). (2011 - 2013).

INFORMS Military Applications Society (MAS). (2007 - 2010).

Military Operations Research Society (MORS). (2005 - 2010).

Mensa. (2000 - 2005).
[mensa-1.JPG](#)

E. Service Honors and Awards:

Award / Honor Recipient: CAHME Accreditation Fellow, Commission on the Accreditation of Healthcare Management Education.

October 2014 - October 2017

[CAHME-1.JPG](#)

Award / Honor Recipient: Northeast Decision Sciences Institute Service Award, NEDSI.

May 2017

[2017 DSI Service Award-1.JPG](#)

Award / Honor Recipient: Guest Coach, Texas Tech vs. Texas State University Football, Texas State University.

August 2012

Additional Comments: Nominated by student-athletes and selected by coaching staff to serve as a "Guest Coach" for support of students.

Award / Honor Recipient: Army Commendation Medal, Army.

2010

[arcom2010-1.JPG](#)

1998

[arcom1998-1.JPG](#)

1991

[arcom1991-1.JPG](#)

1990

[arcom1990-1.JPG](#)

Award / Honor Recipient: Legion of Merit, Department of Defense.

2010

[legionofmerit-1.JPG](#)

Award / Honor Recipient: Iraqi Campaign Medal, Department of Defense.

2007

[iraq2-2.JPG](#)

Award / Honor Recipient: Joint Meritorious Unit Citation, Department of Defense.

2007

[iraq2-1.JPG](#)

Award / Honor Recipient: Overseas Service Bar (x 2), Army.

2007

[iraq2-4.JPG](#)

Award / Honor Recipient: Overseas Service Medal, Army.

2007

[DD214andDD215-13.pdf](#)

2002

[DD214andDD215-14.pdf](#)

1991

[DD214andDD215-15.pdf](#)

1990

[iraq2-3.JPG](#)

Award / Honor Recipient: Bronze Star, Army.

2006

[bronzestar-1.JPG](#)

Award / Honor Recipient: Global War on Terrorism Service Medal, Department of Defense.

2002

[DD214andDD215-7.pdf](#)

Award / Honor Recipient: Meritorious Service Medal, Department of Defense.

2002

[MSM2002-1.JPG](#)

1996

[MSM1996-1.JPG](#)

1993

[msm1993-1.JPG](#)

Award / Honor Recipient: Korean Defense Service Medal, Department of Defense.

2001

[DD214andDD215-12.pdf](#)

Award / Honor Recipient: National Defense Service Medal, Department of Defense.

2001

[DD214andDD215-10.pdf](#)

1991

[DD214andDD215-11.pdf](#)

Award / Honor Recipient: Order of Military Medical Merit, Army Medical Department.

2001

[milmedmerit-1.JPG](#)

Award / Honor Recipient: Order of Saint Michael, Army Aviation Association of America.

2001

[orderofstmichael-1.JPG](#)

Award / Honor Recipient: Senior Aviator Badge, Army.

2000

[senioraviator-1.JPG](#)

Award / Honor Recipient: Upsilon Phi Delta, Association of University Programs in Health Administration.

2000

[evidence for UPD-1.pdf](#)

Additional Comments: Awarded for graduate students with > 3.5 GPA.

<https://www.aupha.org/main/resourcecenter/currentstudents/honorsociety>

Award / Honor Nominee: Marshall Award (Top Graduate), Command and General Staff College.

1999 - 2000

[marshall-1.JPG](#)

Award / Honor Recipient: Meritorious Service Medal, Army.

1999

[msm1999_2-1.JPG](#)

Additional Comments: 2 of 2 in year

1999

[MSM1999-1.JPG](#)

Additional Comments: 1 of 2 in year

Award / Honor Recipient: Armed Forces Reserve Medal with X Device, Department of Defense.

1997

[DD214andDD215-8.pdf](#)

Award / Honor Recipient: Army Achievement Medal, Army.

1995

[aam1995-1.JPG](#)

1992

[aam1992-1.JPG](#)

1990

[aam1990-1.JPG](#)

Award / Honor Recipient: Certificate of Recognition Cold War Service, Department of Defense.

1985 - 1992

[coldwarservice-1.JPG](#)

Award / Honor Recipient: Air Medal, Achievement, Department of Defense.

1991

[airmedal12-2.JPG](#)

Award / Honor Recipient: Air Medal, Service, Department of Defense.

1991

[airmedal12-1.JPG](#)

Award / Honor Recipient: Kuwaiti Liberation Medal, Department of Defense.

1991

[DD214andDD215-3.pdf](#)

Award / Honor Recipient: Meritorious Unit Citation, Department of Defense.

1991

[DD214andDD215-16.pdf](#)

Award / Honor Recipient: Saudi Kuwaiti Liberation Medal, Department of Defense.

1991

[DD214andDD215-4.pdf](#)

Award / Honor Recipient: Southwest Asia Service Medal, Three Bronze Stars, Department of Defense.

1991

[DD214andDD215-2.pdf](#)

Award / Honor Recipient: Army Service Ribbon, Army.

1990

[DD214andDD215-9.pdf](#)

Award / Honor Recipient: Meritorious Unit Commendation, Department of the Army.

1990

[DD214-1.pdf](#)

[DD215-1.pdf](#)

Award / Honor Recipient: Expert Field Medical Badge, Army 2d US Infantry Division.

1989

[efmb-2.JPG](#)

Award / Honor Recipient: Parachutist Badge (Airborne), Army.

1988

[airborne-1.pdf](#)

Award / Honor Recipient: Aviator Badge, Army.

1987 - 1988

[aviatorbadge-1-2.JPG](#)

Award / Honor Recipient: Air Assault Badge, Army.

1987

[airassault-1.pdf](#)

Award / Honor Recipient: Distinguished Honor Graduate, Air Assault School, Army.

1987

[DHGAirAssault-1-2.JPG](#)

Award / Honor Recipient: Superior Cadet Award, Department of the Army.

1986 - 1987

[superiorcadet-1-2.JPG](#)

G. Service Professional Development Activities Attended:

Self-Study Program, "Gato, Accessibility, and Calico Website Design," Texas State University, San Marcos, TX. (February 3, 2022).

[total training-1.pdf](#)

Workshop, "CAHME Fellows Training and Refresher," CAHME, Online. (January 15, 2015).

[ROSTER CAHME FELLOWS 2014-2015\[2\]-1.doc
conf3-6.pdf](#)

Course, "Army War College," Army. (2007 - 2008).
[DD214andDD215-1.pdf](#)

Course, "Joint Medical Planners Basic & Advanced Courses." (2005).
[JMACBasic-1.JPG](#)
[JMACAdvanced-1.JPG](#)

Course, "Joint Planning Orientation Course," Joint Forces Staff College. (2005).
[JPOC-1.JPG](#)

Course, "Pre-Command Course," Army. (2000).
[precommandcourse-1.JPG](#)

"Command and General Staff College," Army, Ft. Leavenworth, MO, United States.
(1999 - 2000).
[cgsc-1.JPG](#)

Course, "Health Care Administration Course," Army. (1997).
[hcacourse-1.JPG](#)

Course, "Army Medical Department Officer Advanced Course," Army. (1994).
[hgadvancedcourse-1.JPG](#)

Course, "Combined Arms and Services Staff School," Department of the Army. (1994).
[cass3-1.JPG](#)
[cass3_2-1.JPG](#)

Course, "Medical Logistics Management Course," Army, Fort Sam Houston, TX, United States. (1991).
[medlog1991-1.JPG](#)

Course, "Aeromedical Evacuation Officers Course." (1990).
[aeroevac1990-1.JPG](#)

Course, "Airborne Course," Army. (1988).
[airborne-1.JPG](#)

Course, "UH-60 Aircraft Qualification Course," Ft. Rucker, AL, United States. (1988).
[UH60-1.JPG](#)

Course, "Initial Entry Rotary Wing Training," Department of Defense, Ft. Rucker, AL, United States. (1987 - 1988).
[flightschool-1.JPG](#)

Course, "Air Assault School," Army. (1987).
[airassault87-1.JPG](#)

Course, "Aviation Officer Basic Course," Army. (1987).
[DD214andDD215-2.pdf](#)