**Terry L. Oroszi, MS, Ed.D.**

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| --- |
| 217 Health Sciences |
| Department of Pharmacology & Toxicology |
| Boonshoft School of Medicine |
| Dayton, OH 45435 |
| E-mail: [terry.oroszi@wright.edu](mailto:terry.oroszi@wright.edu) |
| Clearance: DoD Secret |
|  |

**EDUCATION**

*Wright State University*

Doctor of Education (Ed.D.), Organizational Studies, Leadership Track/Concentration: Business. Dissertation: “A Preliminary Analysis of High-Stakes Decision-Making for Crisis Leadership.” Wright State University | Dayton, OH

Master of Business Administration, (MBA, Marketing Concentration) Raj Soin College of Business/Wright State University | Dayton, OH | Pending

Master of Science, Biological Sciences/Concentration: Molecular Genetics COSM, Wright State University | Dayton, OH

Bachelor of Science, Biological Sciences/Concentration: Evolutionary Biology COSM, Wright State University | Dayton, OH

**POST GRADUATE EDUCATION & TRAINING**

*Federal Bureau of Investigation (FBI)*

InfraGard FBI Leadership Academy

Nov. 2019. A four-day training program with FBI Leadership at both Quantico VA. and FBI Headquarters in DC.

FBI Citizens Academy

April 2018 – June 2018. The 8-week curriculum is similar to the traditional methods used at the FBI Academy in Quantico, Virginia, but is geared toward non-law enforcement participants. The course included several lectures on select topics, Use of Force training, Fingerprinting, Polygraph, SWAT demo and weapons firing day.

*July 2018 – Quantico VA, FBI led training and information sessions: Behavior Analysis Unit (BAU) Lecture on Criminal behaviors and motivations, and mini workshops, including bombs, evidence recovery, lessons learned and best methods.*

*July 2018 – FBI HQ, DC, Assoc. Deputy Director Paul Abbett, roles and responsibilities as a FBI CA Candidate. Procedures and processes related to emergency events at a HQ level.*

*Boonshoft School of Medicine*

Boonshoft Leadership Academy: Fall 2017 – Spring 2018, Training for BSOM Faculty

*Dayton VA Medical Center*

Fellowship in Advanced Clinical Simulations/Medical Education. May 2015 - May 2016

Primary BLS Instructor: (Veterans Health Administration/American Heart Association (FL20779))

Talent Management System VAMC Course: High-Fidelity Simulation

Talent Management System VAMC Course: The Voice of Leadership: Leadership Message

Talent Management System VAMC Course: The Voice of Leadership: Inspirational Leadership

Talent Management System VAMC Course: The Voice of Leadership: Effective Leadership Communication Strategies

Talent Management System VAMC Course: Diabetes: mechanisms and complications (programs: 63612 & 310712)

**ACADEMIC EXPERIENCE**

*Boonshoft School Of Medicine, Wright State University, Dayton, OH*

**July 2016 – Present: Assistant Professor** (Research area: Healthcare and Homeland Security. Focus on Terrorism, Power, Leadership and Crisis Decision-making).

Research area: American citizens charged with acts related to terrorism and up to 50 variables of interest. This led to the creation of a quantitative analysis for predicting radicalization and extremism. The research has been presented to NSA, FBI, NHS, House congressional staff from the Intelligence and Armed Forces committee, and several other agencies and organizations releated to homeland security. In Oct. 2019 permission was given to have the research incorported into Facebook’s workplace violence program.

**May 2008 - Present: Director, Pharmacology & Toxicology Graduate Programs.** Exponential growth in students and revenue (from 6 students a year in 2008 to 60+, 250k annual revenue to >1 million in 2019). Responsible for recruitment of students and adjunct faculty, curriculum and policy/bylaws development and implementation, and established new graduate program tracks, certificates, and concentrations.

***Key Accomplishments:***

* Promoted from Assistant Director (July 2005 - June 2006) to Director (2008 – present).
* Led a 500% growth in revenue due to personally developed initiatives.
* In 2012, introduced a new non-thesis track, rebranded in 2014 as the Leader/Admin track, 75% of MS students choose this track
* In 2017, created a one-year MS online track.
* In 2015, developed the *Clinical Investigative track* for MD students wanting an MS degree.
* Recruited ajunct faculty, practioners in their fields, negotiated salaries on their behalf that is >standard. They are responsible for ~50% of all teaching in the department.
* Developed and teach several graduate level courses in the department (4-5 a semester on average). The teaching standard (implemented in 2016) is 2-3 classes a year.

**November 2012 – Present: Director, Chemical, Biological, Radiological, Nuclear Defense (CBRN) Certificate Program.** Developed and implemented the CBRN Certificate Program within the Department of Pharmacology & Toxicology, Boonshoft School of Medicine, which offers live webinars from industry experts, tours, and other unique offerings. Designed to provide military and civilian professionals in the CBRN field an in-depth understanding of a wide variety of threats. Create curriculum, recruit instructors from the Battelle Memorial Institute and the Wright-Patterson Air Force Base, and teach a class. Currently working with the university to introduce a special government employee rate due to interest from several federal agencies.

***Key Accomplishments:***

* Developed and implemented the program in 2008.
* Program currently averages 25 students per year and in 2015, expanded the program to the national level with funding by the BSOM, achieving profitability in the first year, three years ahead of schedule.
* In 2016 the state approved a reduced rate for governement employees, offering in-state tuition +10.

Sept 2017 – Present: WSU STEM Recruitor for DHS, CIA, FBI

February 2010 – June 2016: Research Instructor

June 2003 – February 2012: Staff Scientist/Laboratory Manager

July 2005 – February 2011: Director, Pharmacology Genetic Testing Facility

February 2007 - Sept. 2009: Assistant Director, STREAMS Program

***Staff scientist/Laboratory Manager*** *(June 2003-Feburary 2012)*

Genomics. Designed experiments, developed/submitted/monitor animal protocols (up to seven in use at one time) specific to the research (diabetics/Sarin nerve agent/cardiovascular system uner Dr. Mariana Morris). In charge of breeding and identifying genetically modified mice (OT and AT Knockout, ACE knocked out/in) through PCR (inc. realtime PCR). Managed the laboratory, including post doctorates, students, and other staff. Some surgical experience with telementry probes, minipumps, pre and post op care).

***Director, Pharmacology Genetic Testing Facility, Boonshoft School of Medicine*** *(July 2005 – Feb. 2011)*

Liaised between the Laboratory Animal Research Facility and the Department of Pharmacology and Toxicology. Monitored all fiscal issues with the Laboratory Animal Research Facility, attended and led regular meetings to discuss inspections and other issues.

***Key Accomplishments:***

* Monitored all Animal Use Protocols, amendments, and continuing reviews submitted by the department to and from Research and Sponsored Programs.
* Participated in and conducted meetings on behalf of the faculty, Laboratory Animal Research Facility, Research and Sponsored Programs, and the Department of Pharmacology related to sensitive topics including use of controlled substances and inspection failures.

Additional leadership roles included:

**Assistant Director, STREAMS Program** (Short-Term Training Program to Increase Diversity in Health-Related Research, Feb. 2007 - Sept. 2009).

**C.L.A.S.S. (Creating Laboratory Access for Science Students, Spring 2001 - 2003),** an NSF-funded program that promotes excellence in the science education of students with disabilities.

**TEACHING**

***Advanced Technical Intelligence Center***

**Analyst Bootcamp students**

Summer 2019 Leadership: Profiling, Use of Power (4 hours)

Summer 2019 Introduction to Terrorism & Profiling (4 hours)

Fall 2018 Leadership, Power Platform (3.5 hours)

Fall 2018 Introduction to Terrorism & Profiling (4 hours)

Summer 2018 Leadership: Profiling, Use of Power (4 hours)

Summer 2018 Introduction to Terrorism & Profiling (4 hours)

Fall 2017 Analysis of an American Terrorist (4 hours)

Spring 2017 Leadership: Profiling, Use of Power (4 hours)

Spring 2017 Analysis of an American Terrorist (4 hours)

Winter 2017 Intro to Terrorism (The profile, 4 hours)

Winter 2017 Leadership: Profiling, Use of Power (4 hours)

Fall 2016 Terrorism Case Studies (4 hours)

Fall 2016 Leadership: Profiling, Use of Power (2 hours)

Fall 2016 Intro to Terrorism (Profile, inc. Case Studies, 4 hours)

Summer 2016 Intro to Terrorism (Profile, inc. Case Studies, 4 hours)

Winter 2016 Intro to Terrorism (Focus: Ohio terrorists, 4 hours)

Fall 2015 Intro to Terrorism (Media’s portrayal, 4 hours)

*Wright State University Pharmacology & Toxicology, Boonshoft School of Medicine*

(Represents the past 4 years only, \* - Courses developed by T. Oroszi)

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| --- | --- |
| Fall 2019 | PTX-8140 \* Human Studies Research |
|  | PTX-7022 \* Effective Scientific Writing: Part 1 |
|  | PTX-8004  Medical Chem, Rad and Nuc Defense |
|  | PTX-8005  Medical Biological Defense |
|  | PTX-8006 \* Case Studies for CBRN Defense |
|  | PTX-8000 \* Leadership: Theory and Application |
|  | PTX-7012 Introduction to Research |
|  | PTX 7000 Biostatistics |
| Summer 2019 | PTX-7005 \*Clinical Investigation Capstone |
|  | PTX-7021 \*Effective Scientific Writing: Part 1  PTX-7022 \*Effective Scientific Writing: Part 2 |
|  | PTX-8000 \*Leadership, Theory & Application |
|  | PTX-8004  Medical Chem, Rad and Nuc Defense |
|  | PTX-8005  Medical Biological Defense |
|  | PTX-8006 \*Case Studies for CBRN Defense |
|  | PTX-8140 \*Human Studies Research |
| Spring 2019 | PTX-7022 \*Effective Scientific Writing: Part 2 |
|  | PTX-8000 \*Leadership, Theory & Application |
|  | PTX-8004  Medical Chem, Rad and Nuc Defense |
|  | PTX-8005  Medical Biological Defense |
|  | PTX-8006 \*Case Studies for CBRN Defense |
|  | PTX-8140 \*Human Studies Research |
| Fall 2018 | PTX-8140 \* Human Studies Research |
|  | PTX-7022 \* Effective Scientific Writing: Part 1 |
|  | PTX-8004  Medical Chem, Rad and Nuc Defense |
|  | PTX-8005  Medical Biological Defense |
|  | PTX-8006 \* Case Studies for CBRN Defense |
|  | PTX-8000 \* Leadership: Theory and Application |
|  | PTX-7012 Introduction to Research |
| **Spring 2018** | PTX-8140 \* Human Studies Research |
|  | PTX-7022 \* Effective Scientific Writing: Part 2 |
|  | PTX-8004  Medical Chem, Rad and Nuc Defense |
|  | PTX-8005  Medical Biological Defense |
|  | PTX-8006 \* Case Studies for CBRN Defense |
| **Summer 2018** | PTX-8000  Advanced Writing |
|  | PTX-7022 \* Effective Scientific Writing: Part 2 |
|  | PTX-7021 \* Effective Scientific Writing: Part 1 |
|  | PTX-8140 \* Human Studies Research |
|  | PTX-8004  Medical Chem, Rad and Nuc Defense |
|  | PTX-8005  Medical Biological Defense |
|  | PTX-8006 \* Case Studies for CBRN Defense |
| Fall 2017 | PTX-8000 Selected Topics-Pharmacology |
|  | PTX-8000 \* Leadership: Theory and Application |
|  | PTX-8140 \* Human Studies Research |
|  | PTX-7012 Introduction to Research |
|  | PTX-7021 \* Effective Scientific Writing: Part 1 |
|  | PTX-8006 \* Case Studies for CBRN Defense |
| Spring 2017 | PTX-8000 Independent Study |
|  | PTX-8000 \* Leadership: Theory and Application |
|  | PTX-8140 \* Human Studies Research |
|  | PTX-7022 \* Effective Scientific Writing: Part 2 |
| Summer 2017 | PTX-8000 Independent Study |
|  | PTX-8000 \* MD/MS Capstone |
|  | PTX-7022 \* Effective Scientific Writing: Part 2 |
|  | PTX-7021 \* Effective Scientific Writing: Part 1 |
|  | PTX-8140 \* Human Studies Research |
|  | PTX-8004 Applications to Medical Chem, Rad and Nuc Defense |
|  | PTX-8005 Applications to Medical Biological Defense |
|  | PTX-8006 \* Case Studies for CBRN Defense |
| Spring 2016 | PTX-7022 \* Effective Scientific Writing: Part 2 |
|  | PTX-8000-05 \* Leadership: Theory and Application |
|  | PTX-8000-09 \* Advanced Science Writing |
|  | PTX-8140 \* Human Studies Research |
|  | PTX-8120 \* Case Studies for CBRN Defense |
|  | PTX-8210 Applications to Medical BioDefense |
| Summer 2016 | PTX-7021 \* Effective Scientific Writing: Part1 |
|  | PTX-7022 \* Effective Scientific Writing: Part2 |
|  | PTX-8000-01\* MD/MS Capstone Journal Club |
|  | PTX-8120 \* Case Studies for CBRN Defense |
|  | PTX-8140 \* Human Studies Research |
| Fall 2016 | PTX-8000-05 \* Intro to Domestic Terrorism |
|  | PTX-8140 \* Human Studies Research |
|  | PTX-8210 Applications to Medical Bio Defense |
|  | PTX-8210 Applications to Medical Chm/Rad/Nuc Defense |
|  | PTX-7012 \* Intro to PTX Graduate Research |
|  | PTX-7021 \* Effective Scientific Writing: Part1 |
|  | PTX-7022 \* Effective Scientific Writing: Part2 |
| Spring 2015 | PTX-9120-01 \* Scientific Writing 1 |
|  | PTX-8210-01 Med. Bio. Defense |
| Summer 2015 | PTX-8000 \* Advanced Science Writing |
|  | PTX-8200 B-01 \* Communications in Science |
|  | PTX-9120 \* Effective Scientific Writing: Part1 |
|  | PTX-9120 \* Effective Scientific Writing: Part2 |
|  | PTX-8000 \* Human Studies Research |
|  | PTX-8120 \* Case Studies for CBRN Defense |
| Fall 2015 | PTX-8000 \* Human Studies Research |
|  | PTX-8120 \* Case Studies for CBRN Defense |
|  | PTX-8210 Applications to Medical Biological Defense |
|  | PTX-9000 \* Introduction to Research |
|  | PTX-9200 \* Pharmacology Clinical Research |
|  | PTX-9200 \* Pharmacology Clinical Research |
|  | PTX-9220 \* Effective Scientific Writing: Part 2 |
| Summer 2014 | PTX-8000 B-01 Independent Study |
|  | PTX-8000 B-02 Independent Study |
|  | PTX-8000 C-03\* Career development advising |
|  | PTX-8120 B-01\* Case Studies CBRN Defense |
|  | PTX-8200 B-01\* Communications in Science |
|  | PTX-9120 01\* Effective Scientific Writing: Part1 |
|  | PTX-9120 01\* Effective Scientific Writing: Part2 |
| Fall 2014 | PTX-9000-01\* Introduction to Research |
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*Wright State University, College of Science and Math, Biology Dept: (2000 - 2003)*

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| Quarter/Year | Course |  |
| Spring/2003 | BIO 107 Intro to Human Diseases | |
| Summer/2003 | BIO 345 Intro to Biological Concepts (Lecture) | |
| Spring/2003 | BIO 107 Intro to Human Diseases (Lecture) | |
| Fall/2002 | BIO 345 Intro to Biological Concepts (Lecture) | |
| Winter/2002 | (Laboratory) Intro to Biological Concepts – Biodiversity | |
| Fall/2002 | (Laboratory) Intro to Biological Concepts – Food | |
| Fall/2000 | (Laboratory) Comparative Vertebrate | |
| Summer/2000 | (Laboratory) Intro to Biology – Disease | |

**ADVISING**

*Primary Advisor for the following M.S. Graduate Students:*

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| --- | --- | --- |
| 2014-2015: | 2015-2016: | 2016-2017: |
| Alsagri, Ahmed | Alabdrabalnabi, Eman | Hawra Al Khlaiteet |
| Farag Mosa | Andijani, Yusra | Shrouq Almaghrabi |
| Abdulmagid Sherif | Khan, Aiman | Haya Alrajeh |
| Sara Younes | Momenah, Tahani | Tahani Alshammari |
| Manar Hajjan | Subedi, Sachchida | Faten Bin Dayel |
| Nnaemeka Obianagha | Almutairi, Fahdah | Sanjeev Dhakal |
| Nagasudheer Balusu | Chinnapareddy, Srinivasula | Rupinder Gill |
| Siham Abdulla | Egbai, Paulet | Sindhu Kommareddy |
| Jawaher Aldurayhim | Greene, Matthew | Thulasi Konduru |
| Bala Karri | Ihezurike, Nedu | Purna Koppu |
| Daniel Baker | Karri, Bala | Wedad Mawkili |
| Saud Thabet | Kassem, Sara | Sowmya Podduturi |
| Yetunde Fajulugbe | Kumbaji, Meenasri | Mohammed Samee |
| Yousef Aljohani | Law, Rebecca |  |
| Hassan Alhejaili | Law, Sarah |  |
| Bader Althuwaini | Motharapu, Rajitha |  |
| Cathy Graham | Sen, Ebru |  |
|  | Sharma, Shriya |  |
|  | Sheela, Suhasini |  |
|  | Tabal, Najib |  |
|  | Timmisetty, Muralikrishna |  |
|  | Tosun, Amanda |  |
|  | Younes, Marwa |  |
|  | Zhang, Cheng |  |
|  |  |  |

*Co Advisor MD/MS Students:*

Larilyn Yelton 2015 – 2018

Casey Walk 2015 – 2018

Andrew La'Pelusa 2016 – Present

Jude Khatib 2017 – Present

Casey Walk 2017 – Present

Jaree Naqvi 2017 – Present

Benita Wu 2017 – Present

Michael Williams 2017 – Present

Roy Chen 2018 – Present

Sabina Bashir 2018 – Present

Ryan Gabbard 2018 – Present

Cameron McGlone 2018 – Present

Rob Hoopes 2018 – Present

Steven Rapas 2019 – Present

Zafer Sattouf 2019 – Present

Sharlo Bayless 2019 – Present

Jacob Dickman 2019 – Present

Benjamin Schmeusser 2019 – Present

*Graduate Program Thesis Committee Member*

Robert Boehm 2016 –2017  
Sami Alsabri 2015 - 2017

Shahryar Qureshi 2016 – 2018

*Doctoral Advising*

Michele Miller Doctoral Co-advisor 2017 - Present

**ADDITIONAL PROFESSIONAL EXPERIENCE**

***Strategic Planner/Program Manager,* Henry Jackson Foundation,** WPAFB, Dayton OH, Aug. 2016 – Dec. 2018. Supports the Aerospace Toxicology Program in the Molecular Bioeffects Branch at Wright-Patterson Air Force Base, Ohio.

* Facilitate and directs scientific meetings, leading to a group of SMEs to develop scientific roadmaps and research efforts in alignment with Airmen needs.
* Assists in best marketing the program’s capabilities and accomplishment to all Airmen and Government employees who have a need to know, by providing briefings, developing comprehensive pamphlets and meeting with key personnel.
* Assists in a variety of managerial process to best lead the program forward for a 2035 vision.
* Coordinates the other military services’ efforts with the Air Force’s efforts to develop a joint strategic and operational plan to appropriately leverage each other’s work.
* Markets the efforts, accomplishments, and capabilities of the Aerospace Toxicology program to senior level leaders to best support and fund the program and to key Airmen, so they would know our capabilities for critical needs.
* Brief a broad range of diverse people on the efforts and direction of the program.

***Chairperson and Founder, The Dayton Think Tank*** *(July 2016 - Present)* Crisis, Threat, Disaster & Emergency Management with a Mission to Protect and Prepare Dayton and surrounding communities.

Dayton Think Tank representation includes members from academia, military, local and national govt., emergency & medical responders.

***The Dayton Think Tank Provides:***

* Subject Matter Experts (SMEs) as a community resource
* Multidisciplinary solutions by offering an environment for open communication and dialogue
* Resources for communities for crisis resiliency and response
* Key regional leaders and crisis experts provide opportunities to discuss needs with SME and at DTT meetings <https://www.daytonthinktank.com/>

***GRANTS***

Department of Justice (2019) Research and Evaluation on Domestic Terrorism Prevention. (PI Amit Sheth, not funded).

National Science Foundation (2019) CPS: Medium: Collaborative Research: Knowledge-enabled Analysis of Multimodal Cyber-Physical Data for Responding to Emergencies (PI Amit Sheth - Computer Science (CSC55), not funded)

National Science Foundation (2019) SCC: Smart Crisis Recovery and Planning by Augmenting Community Organization Capabilities. My role was to collaborate and/or commit resources as detailed in the Project Description (PI Amit Sheth - Computer Science (CSC55), not funded)

IRAD Grant Proposal (2019) IRAD Proposal. The nature of the project is to understand the mindset of a terrorist. It is a study on the radicalizing of American Citizens charged with acts related to terrorism. This will be done by interviewing individuals convicted of charges related to terrorism at select prisons. The expected outcome is to identify the radicalization status of the terrorists, to build on current research and to use that, along with machine learning techniques for forecasting/prediction modeling. The importance of this work is that it builds on completed work by team and will help identify and prevent individuals from being radicalized as well as to develop alternative treatments for those identified/charged (de-radicalization programs). (Submitted as the PI. not funded, WSU lacked IRB protected population approval process)

IRAD Grant Proposal (2019) The Use of the Warrior Gene, a variant of the monoamine oxidase- A gene, as a Genetic Biomarker to Aid in Military Selection. (Submitted as the PI, not funded)

United State-India Science and Technology Endowment Fund (2018) USISTEF/0346/2018, Project Category:Healthy Individual, Project Title : CancerFirst: A Very Low Cost Cancer Genomics Kit for Predictive Cancer Treatment. (Not funded)

National Science Foundation (2018) NSF 18-520: Smart and Connected Communities (S&CC)

SCC: C-ituation Awareness: Synergistic Crisis Management from Community to Continent Levels. My contribution was as a collaborater and/or commit resources. (not funded)

CBRN Defense Program Expansion (2015) Boonshoft School of Medicine finances expansion start-up costs to make the CBRN program a national program. (Director Terry Oroszi, $20,000, awarded.)

Grand Challenges Explorations (2015) Bill Gates Foundation proposal. Utilizing conventional encapsulation techniques along with proven proprietary processes, the hypothesis being submitted would utilize these techniques as a rapid toxic substance indicator. This rapid color indicator process could then be individualized for several different pathogens of world health concerns including, Cholera, Campylobacter jejuni, Escherichia coli, Salmonella, Shigella and many more. (not awarded).

NHLBI National Heart, Lung, and Blood Institute (MAY 2009) Administrative supplement to provide summer research experiences for students or science educators (Notice NOT-OD-09-060). NHLBI provided up to 45K to support a science educator for two yrs. This was a supplement grant, to Dr. Mariana Morris’s NIH grant, written and submitted by Terry Oroszi. ($45,000, awarded)

National Science Foundation(2001) Taking C.L.A.S.S. Outdoors, and Into The Community. C.L.A.S.S., Wright State University, Dayton, Ohio, 45435. Funding Agency - Michele Wheatly - National Science Foundation ($9,792) awarded.

Oroszi, T.L., Krane, D.E. (2000) Characterization Of Putative Spider Monkey Subspecies Within The Population At Curu Biological Preserve In Costa Rica. Department of Biological Sciences, Wright State University, Dayton, Ohio, 45435. Co-Funded Wright State University College Of Science And Math, And The Department Of Biological Sciences. (awarded)

Oroszi, T.L., Krane, D.E. Barnett, D. (2000) Identification Of A Chromosome Defect In Howler Monkey In Costa Rica. Department of Biological Sciences, Wright State University, Dayton, Ohio, 45435. Co-Funded Wright State University College of Science and Math, and The Department of Biological Sciences. (awarded)

**PRINTED SCHOLARSHIP**

**Books**

Oroszi, T.L. (2019), Mr. Smith Goes to Washington. Greylander Press, LLC (E-book)

Oroszi, T.L. (2019), Operation Deep Dive: A Step into the Past. Greylander Press, LLC (Print, and E-book)

Oroszi, T.L. (2019), Operation Stormfront: From Weatherman to Wall Street. Greylander Press, LLC (Print, Audiobook, and E-book)

Oroszi, T. L., & Ellis, D. H. (2019), The American Terrorist: Everything You Need to Know to be a Subject Matter Expert. Greylander Press, LLC. (Print, Audiobook, and E-book)

James, L. & Oroszi, T., (Eds.), (2015), Weapons of Mass Psychological Destruction and The People That Use Them, Praeger, Santa Barbara, CA Praeger Publishing, (Print, and E-book)

**Articles**

Peer Reviewed

Kassem, Sara, Oroszi, Terry. (2019), Possible Therapeutic use of Bumetanide in the Treatment of Autism Spectrum Disorder" *Journal of Biosciences and Medicines (in press)*

Hussein, Ismail, Oroszi, Terry. (2019), Addiction Treatment and Crime Rates, *Research and Reviews on Healthcare: Open Access Journal (in press)*

Mari, W., S. Younes, J. Naqvi, A. A. Issa, T. L. Oroszi, D. R. Cool, J. B. Travers, and R. Simman. (2019), Use of a Natural Porcine Extracellular Matrix with Negative Pressure Wound Therapy Hastens the Healing Rate in Stage 4 Pressure Ulcers. *Wounds: a compendium of clinical research and practice*.

Oroszi, T. (2018), A preliminary analysis of high-stakes decision-making for crisis leadership. *Journal of Business Continuity & Emergency Planning*, *11*(4),

Alsabri, S. G., Mari, W. O., Younes, S., Alsadawi, M. A., & Oroszi, T. L. (2017), Kinetic and dynamic description of caffeine. *Journal of Caffeine Research*. <https://doi.org/10.1089/jcr.2017.0011>

Sherif, A., Benhammuda, M., Fares, S. and Oroszi, T.L. (2017), Cardiovascular diseases and radiations. Journal of Biosciences and Medicines, 5, 72-77. <https://doi.org/10.4236/jbm.2017.52007>

Senador, D., Key, M., Oroszi, T., Elased, K. M., & Morris, M. (2009), Role of Circulating and Renal RAS in Blood Pressure Maintenance in ACE Overexpressing Mice. In *HYPERTENSION* (Vol. 54, No. 4, pp. E68-E68).

Senador, D., Oroszi, T., Key, M., Elased, K. M., & Morris, M. (2007), Angiotensinergic control of blood pressure in mice overexpressing ACE. Hypertension, 50(4), E143-E143.

Chen, Y., Oroszi, T., & Morris, M. (2006), Salt consumption increases blood pressure and abolishes the light/dark rhythm in angiotensin AT1a receptor-deficient mice. Physiology & Behavior, 88(1), 95-100.

*Non Peer Reviewed*

Oroszi, T. (2016), *A Pilot Study of High-Stakes Decision-Making for Crisis Leadership* (Doctoral dissertation, Wright State University).

**Editorials and other**

Miller, M., Oroszi, T., Williams, K., Romaine, W. (2019), Ignorance is the parent of fear: utilizing social media in response, CBRNe World, Falcon Communications UK, Winchester, United Kingdom

Oroszi, T. (2018), *Healthcare Professionals Speak to the Need for CBRN Training*. NCT Chemical, Biological & Nuclear Warfare Newsletter.

**Chapters in Books**

Oroszi, T. & Ellis, D. (2019), *The Mindset of a Terrorist*. In Norton, R. & Mauroni, A (eds), Preparing for Agroterror: Deliberate Threats to America’s Food Industries (In Press)

Oroszi, T. (2019), *Contextual Factors Influencing CBRN Leadership Decision-Making.* In Chemical Warfare Agents: Biomedical and Psychological Effects, Medical Countermeasures, and Emergency Response

Oroszi T.L., Shoenleben J., James L.C. (2018), Increasing Healthy Exercise in the Primary Care Setting. In: Duckworth M., O'Donohue W. (eds), Behavioral Medicine and Integrated Care. Springer, Cham

James, L. & Oroszi, T., (2015), Introduction. In *Weapons of Mass Psychological Destruction and the People That Use Them* (pp. 3-6), Praeger Publishing Praeger Publishing, 2015

James, L. & Oroszi, T., (2015), Defining Weapons of Mass Psychological Destruction. In *Weapons of Mass Psychological Destruction and the People That Use Them* (pp. 8-22), Praeger Publishing, 2015

Holman, M., James, L. & Oroszi, T., (2015), Who Becomes a Terrorist. In *Weapons of Mass Psychological Destruction and the People That Use Them* (pp. 23-41), Praeger Publishing, 2015

James, L., & Oroszi, T. (2015), Defining Weapons of Mass Psychological Destruction. *Weapons of Mass Psychological Destruction and the People Who Use Them*, 1.

Oroszi, T. & James, L., (2015), Emerging Trends in the Prevention of Management of WMPD. In *Weapons of Mass Psychological Destruction and the People That Use Them* (pp. 312-322), Praeger Publishing, 2015

**Abstracts**

Oroszi, Terry (2019), The American Terrorist. National Homeland Security, Phoenix AZ

Lucky, Brian, Oroszi, Terry, McAtee, Matthew, Xu, Dan, Marcel, Barry, Liu, Mason. (2018),

Get onboard the DoD TRAIN: The Toxicology and Health Risk Assessment Information Network, Department of Defense Toxicology Efforts, TriService Toxicology Consortium Meeting

Oroszi, T., Lukey, B., DelRaso, N., Marcel, B., Mattie, David (2017), Department of Defense Toxicology Efforts, TriService Toxicology Consortium Meeting

Oroszi, T. (2017), A Preliminary Analysis of High-Stakes Decision-Making for Crisis Leadership. InfraGard, Dallas, TX.

Oroszi, T. (2017), A Preliminary Analysis of High-Stakes Decision-Making for Crisis Leadership. National Homeland Security, Buffalo, NY.

Oroszi, T. (2017), Americans Killing Americans: A Comparison of U.S. Male Citizens Charged with Acts Related to Terrorism Since 9/11. InfraGard, Cincinnati, OH.

Oroszi, T. (2017), Americans Killing Americans: A Comparison of U.S. Male Citizens Charged with Acts Related to Terrorism Since 9/11. InfraGard, Dayton, OH.

Oroszi, T. (2016), A Pilot Study of High-Stakes Decision-Making for Crisis Leadership, SAFE Symposium, Dayton, OH.

Oroszi, T. (2016), Power: Perspective, Platforms, and Paradigms. Technical Symposium Cincinnati-Dayton Chapter of INFORMS.

Scott, R., Dominguez, M., Burgess, D., Oroszi, T., Gallimore, J., (2016), Implementing provider, patient: Provider and patient-facing interventions in a virtual environment, The MedBiquitous Annual Conference, Johns Hopkins School of Medicine in Baltimore, MD.

Mari, M. MD, Younes, S., Simman, R., Oroszi, T., Alsabri, Chen, Y., Cool, D., (2015), The Correlation Between Wound Healing Rate and Circulating Microvesicles Collected from Stage III, and IV Pressure Wounds Fluid Treated with NPWT Alone VS NPWT and Oasis Ultra. *Society of Thoracic Surgeons*, STS 52nd Annual Meeting.

Scott, R. P., Gallimore, J., Burke, B., Benton, N., Carabello, H., Davidson, M., Ingmundson, P., McCoy, S., Graham, C., Oroszi, T., Dominguez, M., (2015), The VA Virtual Medical Center: Implementing a Vision for a Virtual Healthcare Campus for our Veterans, In *Interservice/Industry Training, Simulation, and Education Conference (I/ITSEC)*.

Mari, M. MD, Younes, S., Alsabri, S.G., Shaban, A., Simman, R., Chen, Y., Cool, D.R., Oroszi, T., (2015), The Correlation Between Wound Healing Rate and Circulating Microvesicles Collected from Stage III, and IV Pressure Wounds Fluid Treated with NPWT Alone VS NPWT and Oasis Ultra. *The Amputation Prevention Symposium*, Chicago, IL.

Oroszi, T. (2015), Disruptive technology; Don’t get caught with your pants down.  Technical Symposium Cincinnati-Dayton Chapter of INFORMS.

Oroszi, T., and R. Brame. (2003), Innovations in universal design activities for geoscience education, Geological Soc. of Am., Boulder, CO.

Oroszi, T. (2003), Innovations in Universal Activities for Geoscience Education. Geoscience Innovation Fostering the Achievement of All Students. Curriculum and Pedagogy Methods Reform, Universal Design Principles, and Applications, Seattle, WA, GSA Annual Meeting.

Oroszi, T. (2002), Paleontological concepts for all students: Physical, not visual, inquiry-based activities for engaging students in science. Paper presented at the 2002 Denver Annual Meeting, GSA

Brame, R., Oroszi, T., Wood, T. Kirch, S. Lunsfurd, S. (2002), Inventions for Inquiry-Based Teaching in Geosciences for ALL Students: Accessible, Inviting And Intellectually Developing.

**PRESENTATIONS**

**National/International**

Oroszi, T. (November 2019), National Security Agency (NSA) American Terrorist training

Oroszi, T. (November 2019), Quantico, VA FBI/InfraGard, American Terrorism

Oroszi, T. (Sept. 2019), InfraGard/ASIS Security Conference | Global Security Exchange Speaker

Oroszi, T. (July 2019), Brief the House Intelligence and Armed Services Staff, Washington DC (Terrorism)

Oroszi, T. (June 2019), National Homeland Security Conference Speaker, Phoenix, AZ (Terrorism in the US)

Oroszi, T. (May 2019), Michigan InfraGard Annual Meeting Guest Speaker, Detroit, MI

Oroszi, T. (Aug. 2018), Edgewood/Aberdeen Proving Ground (MD), DoD Toxicology Initiative

Oroszi, T. (Sept. 2017), Crisis Management: Crisis Decision-Making. InfraGard training conference, Dallas, TX

Oroszi, T. (June 2017), Guest on the Attack of the Politicos Podcast (Est.10-15K audience),

Oroszi, T. (June 2017), High Stakes Decision-Making Model, National Homeland Security Conference, Buffalo NY

Oroszi, T. (Aug. 2017), TriService Tox Consortium Abstract/Presentation DoD Toxicology efforts. WPAFB, OH. (Streamed Nationally to AF/Army/Navy Branches)

Oroszi, T. (Feb. 2016), Invited guest on behalf of the United States, United Nations Conference on Human Rights of Victims of Terrorism, United Nations Headquarters, New York

Oroszi, T. (2004), Beyond Video Games-Promoting Active Learning for All Students A selection of science activities designed for the participation of ALL students is solicited. Available technologies/equipment that encourage active learning from students with disabilities will be discussed. GSA. Denver CO Annual Meeting

Oroszi, T. (2003), Tools of the Trade. Geological Society of America, Seattle WA.

Oroszi, T. (2002), Physical, not visual, Fossil Identification for all Students: Practical Paleontological Concepts for Fossil Identification. Geological Society of America, Denver CO.

**Regional**

Oroszi, T. (Nov. 2019) Highlights for Children (Nov. 2019) Columbus, OH. Understanding the Path Toward Radicalization

Oroszi, T. (June. 2019), Intelligence Analysis Career Training (IACT), Program - 4/5/6 Power Platform Workshop

Oroszi, T. (June. 2019), Intelligence Analysis Career Training (IACT), Program - The American Terrorist Workshop

Oroszi, T. (April 2019), The American Terrorist Talk and Book signing, The Dayton Club

Oroszi, T. (Mar. 2019), The American Terrorist. Beavercreek Rotary Club

Oroszi, T. (Feb. 2019), The American Terrorist. Department Seminar, Pharmacology & Toxicology, BSOM

Oroszi, T. (Jan. 2019), The American Terrorist. InfraGard, Dayton Chapter

Oroszi, T. (Nov. 2018), The Ohio American Terrorist. Centerville Optimist Club

Oroszi, T. (Oct. 2018), Intelligence Analysis Career Training (IACT), Program - 4/5/6 Power Platform

Oroszi, T. (Oct. 2018), Intelligence Analysis Career Training (IACT), Program - The American Terrorist: Finding Patterns in the Data.

Oroszi, T. (Sept. 2018), Kettering Optimist Club (9/11 talk on Terrorism),

Oroszi, T. (Aug. 2018), Tri-Service Toxicology Conference (WPAFB), Toxicology & Health Risk Assessment Information Network

Oroszi, T. (July 2018), Profile of an American Terrorist. Centerville Optimist Club.

Oroszi, T. (May 2018), May 2018 – Auditors Speaking engagement Power/Leadership/Meeting behavior, Cincinnati IMA North

Oroszi, T. (Mar. 2018), “Egos at the Table, a Study of Meeting Behaviors” Staff Development Day. Wright State University, Beavercreek, OH

Oroszi, T. (Sept. 2017), Analysis of an American Terrorist, 4 Hour Workshop, Advanced Technical Intelligence Center (ATIC), Beavercreek, OH

Oroszi, T. (May 2017), 4/5/6 Power Platform 4 Hour Workshop, Advanced Technical Intelligence Center (ATIC), Beavercreek, OH

Oroszi, T. (May 2017), Analysis of an American Terrorist, 4 Hour Workshop, Advanced Technical Intelligence Center (ATIC), Beavercreek, OH

Oroszi, T. (May 2017), Cincinnati InfraGard Speaker Topic: Americans Killing Americans: A Comparison of U.S. Male Citizens Charged with Acts Related to Terrorism Since 9/11

Oroszi, T. (April 2017), Invited speaker/SME Terrorism for Peace Rally, Dayton OH

Oroszi, T. (Mar. 2017), “Americans Killing Americans” Staff Development Day., Wright State University, Beavercreek, OH

Oroszi, T. (Mar. 2017), InfraGard Speaker on Terrorism (Dayton, OH)

Oroszi, T. (Feb. 2017), Intro to Terrorism 4 Hour Workshop, Advanced Technical Intelligence Center (ATIC), Beavercreek, OH

Oroszi, T. (Feb. 2017), Women in Business Luncheon speaker, Xenia Chamber of Commerce

Oroszi, T. (Jan. 2017), Recognizing a Potential Terrorist with Case Study, BioStar Program, Wright State University

Oroszi, T. (Jan. 2017), Power Platform Workshop 4 Hour Workshop, Advanced Technical Intelligence Center (ATIC), Beavercreek, OH

Oroszi, T. (April 2016), The mindset of a Terrorist. Centerville Public Library, Centerville OH. 2-hour lecture, >100 in attendance

Oroszi, T. (March 2016), Power: Perspective, Platforms, and Paradigms. (Introducing my 4-5-6 Power Platform) WSU’s Power and Leadership Staff Development Day., Wright State University, Beavercreek, OH. (2 sessions, AM and PM, (~100 attendees))

Oroszi, T. (Feb. 2016), Keynote speaker, Defense Institute Study and Education (IDSE) Military Supply Chain Workshop. Wright State Foundation, Wright State University, Beavercreek, OH

Oroszi, T. (Feb. 2016), Friends of the Library Lecture Series, Weapons of Mass Psychological Destruction (>100 attendees) Wright State University, Beavercreek, OH

Oroszi, T. (Feb. 2016), Americans’ Participation in Islamic Extremism. 4 Hour Workshop, Advanced Technical Intelligence Center (ATIC), Beavercreek, OH

Oroszi, T. (2015), Americans’ Participation in Islamic Extremism. 8 Hour Workshop, Advanced Technical Intelligence Center (ATIC), Beavercreek, OH

Oroszi, T. (2015), A new model for collaborative decision making. VA Simulations Center, VAMC Dayton, OH

Oroszi, T. (2015), Traditional faculty meeting style is not conducive to group decision making. Manuscript accepted for Midwest Academy of Management Conference

Oroszi, T. (2015), Egos at the table, a study of meeting behaviors. Manuscript accepted for Midwest Academy of Management Conference

Oroszi, T. (2015), 4-5-6 Power Platform. Midwest Academy of Management Doctoral Consortium. Columbus, OH

Oroszi, T. (2015), The use of power in organizations. Qualifying Defense, CEHS, WSU, Fairborn, OH

Oroszi, T. (2003), Genotyping Mice. Pharmacology/Toxicology Department, School of Medicine, Wright State University

Oroszi, T. (2000), Identification and Characterization of Short Repeated DNA Sequences in Artiodactyl and Insectivore Genomes. Spring Sing, Wright State University Department of Biological Sciences Department

Oroszi, T. (1999), Evolution and Function Of Highly Repeated Short Sequences In The Artiodactyl Genome. Cincinnati Zoo, Cincinnati OH

Oroszi, T. (1999), Evolution and Function Of Highly Repeated Short Sequences In The Artiodactyl Genome. Biological Sciences Molecular Retreat Dayton Biotechnology Group. Engineers Club, Dayton, OH

Oroszi, T. (1999), D.N.A. Profiling. Guest Seminar for STREAMS mentor program. Wright State University.

**ACKNOWLEDGEMENTS:**

Terry Oroszi, who conducted the AT1 genotypes. Article: Khalid M. Elased, David R. Cool, and Mariana Morris Novel Mass Spectrometric Methods for Evaluation of Plasma Angiotensin Converting Enzyme 1 and Renin Activity *Hypertension* 46: 953-959, 2005.

Terry Oroszi Article: Anthony B. Polito III, David L. Goldstein, Lylian Sanchez, David R. Cool, Mariana Morris, Urinary oxytocin as a non-invasive biomarker for neurohypophyseal hormone secretion, *Peptides*, Volume 27, Issue 11, November 2006, Pages 2877-2884.

Terry Oroszi for language revision. Article: G. V. Rodovalho, C. R. Franci, M. Morris, J. A. Anselmo-Franci, Locus Coeruleus Lesions Decrease Oxytocin and Vasopressin Release Induced by Hemorrhage *Neurochemical Research, Volume* 31.2 259 – 266, 2006-02-07.

Terry Oroszi, Director of Pharmacology Genetic Testing Laboratory, for providing the gene deletion mice. Article: Rogerio B. Wichi, Vera Farah, Yanfang Chen, Maria Claudia Irigoyen, and Mariana Morris Deficiency in angiotensin AT1a receptors prevents diabetes-induced hypertension *Am J Physiol Regul Integr Comp Physiol* 292: R1184-R1189, 2007.

We thank Terry Oroszi. Article: Vera Farah, Khalid M. Elased, and Mariana Morris Genetic and dietary interactions: role of angiotensin AT1a receptors in response to a high-fructose diet Am J Physiol Heart Circ Physiol 293: H1083-H1089, 2007.

We would like to gratefully acknowledge the help of Terry Oroszi. Article: Khalid M. Elased, Tatiana Sousa Cunha, Fernanda Klein Marcondes, Mariana Morris, Brain angiotensin-converting enzymes: role of angiotensin-converting enzyme 2 in processing angiotensin II in mice, *Experimental Physiology,* 93.5 (665-675) 2008.

**MEDIA**

May 23, 2019: Washington Times, “The American Terrorist” Book Review by Dr. Joshua Sinai. <https://www.washingtontimes.com/news/2019/may/23/book-review-the-american-terrorist-by-terry-oroszi/>

May 2, 2019: Wright State Researchers ID Characteristics of American Terrorists <https://www.urbanacitizen.com/news/69667/wright-state-researchers-id-characteristics-of-american-terrorists>

April 17, 2019: Extreme Behavior <https://webapp2.wright.edu/web1/newsroom/2019/04/17/extreme-behavior/>

July 10, 2018: Study of Terrorism in America since 9/11 <https://centervillenoonoptimist.com/tag/terry-orosczi/>

June 2, 2018: Medical students learn about national security, CBRN defense <https://webapp2.wright.edu/web1/newsroom/2018/06/13/medical-students-learn-about-national-security-cbrn-defense/>

June 5, 2018: Healthcare Professionals Speak to the Need of CBRN Training <https://www.cbrneportal.com/healthcare-professionals-speak-to-the-need-of-cbrn-training/>

Jan. 23, 2017: Xenia Women in Business Luncheon Speaker <http://www.xacc.com/article.php/20170119162532870>

Jan. 18, 2017: Dayton Think Tank <https://webapp2.wright.edu/web1/newsroom/2017/01/18/thinking-it-through/>

Sept. 20, 2016: Dayton Daily News, Front page, and WHIO radio. “Instilling Fear is goal of attacks expert says” <http://ireader.olivesoftware.com/Olive/iReader/DaytonDailyNews/SharedArticle.ashx?document=DDN%5C2016%5C09%5C20&article=Ar00103>

July 19, 2016: TV/NEWS. CREATION OF A DAYTON THINK TANK - Dayton Think Tank Crisis. Threat. Disaster & Emergency Management, Dayton’s top leaders… Fox 45, Dayton Ohio

July 8, 2016: TV/NEWS. DALLAS SHOOTING, ACT OF TERROR? ABC WCPO Dallas Sniper, as an expert on terrorism, two different TV broadcasts from one interview. <http://mms.tveyes.com/Transcript.asp?StationID=2045&DateTime=7%2F8%2F2016+6%3A02%3A30+PM&Term=Wright+State&PlayClip=TRUE>

March 19, 2016: TV/NEWS. CLOSING OF GITMO -<http://fox45now.com/news/fighting-back> also on <http://abc22now.com/news/fighting-back/guantanamo-transfers-could-end-up-in-the-us>

Feb. 5, 2016: Newsprint WMPD BOOK - <http://muscatinejournal.com/news/local/muscatine/muscatine-native-examines-the-psychological-impact-of-terrorist-attacks/article_c56d8042-ebbc-57ab-b601-27fa5752d71f.html>

Jan. 19, 2016: Newsprint. WMPD BOOK - <http://www.mydaytondailynews.com/news/news/local-military/biggest-impact-of-terrorist-attacks-fear/np7x8/>

Jan 15, 2016: TV/NEWS. Fox19 Morning Show - "Weapons of Mass Psychological Destruction" goes deep inside the mind of the psychological terrorists. Full interview on YouTube: <https://www.youtube.com/watch?v=MfX4bJGpAD8&feature=youtu.be>

Jan. 11, 2016: Newsprint. WMPD BOOK - <http://webapp2.wright.edu/web1/newsroom/2016/01/11/wright-state-experts-publish-book-on-weapons-of-mass-psychological-destruction/>

Aug. 14, 2015: Newsprint. CBRN DEFENSE PROGRAM GETS NATIONAL ATTENTION - <https://webapp2.wright.edu/web1/newsroom/2015/08/14/cbrn-defense-certificate-program-offers-all-courses-online-each-semester/>

June 30, 2014: Newsprint. REBRANDING OF THE TRADITIONAL NON THESIS INCREASES POPULARITY - <https://webapp2.wright.edu/web1/newsroom/2014/06/30/boonshoft-school-of-medicine-offers-new-m-s-degree-in-leadershipadministration-in-pharmacology-and-toxicology/>

January 24, 2013: Newsprint. CBRN DEFENSE PROGRAM, NEW AND NEEDED - <http://webapp2.wright.edu/web1/newsroom/2013/01/24/wright-state-university-department-of-pharmacology-toxicology-implements-a-new-certificate-program-in-chemical-biological-radiological-nuclear-defense-cbrnd/>

**Military Service**

US Army 1984 - 1988

**PROFESSIONAL SOCIETIES/SERVICES:**

*Wright State University*

BSOM Continuing Medical Education Committee (CME)

Faculty Senate Ad Hoc International Graduate Student Success Committee

WSU International Program Oversight Committee (IPOC/IEAC)

Various PTX Department Committees

*Regional*

Vice President, InfraGard, Dayton Alliance Chapter/FBI

Director, Simman Wound Board

The Dayton Think Tank, Chairperson of the Board

Institute for Operations Research and Management (INFORMS)

Midwest Academy of Management (MAM)

*National*

InfraGard Alliance/FBI

NYPD SHIELD

DoD Homeland Defense Information Analysis Center Subject Matter Expert (SME)

Joint Chief CWMD (Countering Weapons of Mass Destruction) Education Consortium, DC

Washington DC NBC Industry Group (NBCIG)

American Council on Education (ACE)

*International*

Phi Beta Delta International Honors Society

The Association for Medical Education in Europe (AMEE)

**Awards / Honors:**

Michelle Obama Role Model of Excellence Award (2010)

College of Science and Mathematics Award for Outstanding Teaching. (1999)