**Terry L. Oroszi**

Assistant Professor & Director, MS and CBRN Defense Programs

Boonshoft School of Medicine

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**Educational Background:**

**Post-Doctoral Fellowship, VA Medical Center** (May 2015 – May 2016) Advanced Clinical Simulations/Medical Education. A one-year interprofessional fellowship working under the mentorship of Dr. Rosalyn Scott and Dr. Nephthalim Greene at the Dayton VA Medical Center. The program offered advanced training in simulation teaching, curriculum design, educational program implementation, study design and research.

**Doctorate of Education** (August 2013 – April 2016) Organizational Studies, Leadership Track/Concentration: Business, Wright State University.

**Dissertation Research:** “*A Preliminary Analysis of High-Stakes Decision-Making for Crisis Leadership”* With the help of global, national and local high level leaders, a shared crisis decision-making analysis identified top traits used in decision-making that will aid the novice crisis leader.

**Additional Research Project:** “*4-5-6 Power Platform”* A power “game” workshop that identifies an individual’s personal power, and how to use it to achieve their goals.

**Additional Research Project:** 1. Creation of a new group decision-making model for small organizational groups and 2. An IRB approved behavior assessment tool. This is a study of human behaviors, in particular the struggle for power in groups.

**Master of Business** **Administration** (Fall 2013 - present): Raj Soin College of Business/ Concentration: Marketing, Wright State University.

**Masters of Science** (Spring 2002): Biological Sciences/Concentration: Molecular Genetics, Department of Biological Sciences, Wright State University, Dayton, Ohio.

**Research**: Identification and Characterization of Short Repeated DNA Sequences in Artiodactyl and Insectivore Genomes. Advisor: Dan E. Krane.

**Bachelor's of Science** (June 1998): Biological Sciences/Concentration: Evolutionary Biology, Department of Biological Sciences, Wright State University, Dayton, Ohio.

**Undergraduate research** (1997-1998): Department of Biological Sciences, Wright State University. Advisor: Jim Amon. The Relationship between Rhizopus and Plant Roots.

**Undergraduate teaching assistant** (1997): Department of Biological Sciences, Wright State University. Advisor: Dan E. Krane. Molecular Biology Laboratory.

**Work Experience, Administrative:**

**Pharmacology & Toxicology Graduate Program Director: (May 2008 – Present)**

2008 - Interim Director of the Master of Science graduate program; the program was generating 250k in revenue, paid 29% of faculty salaries, and recruited an average of five students a year. By the end of 2015 the program was generating 1.5 million a year, supporting 50 - 100% of the department salaries and 50 students on average in the program.

Other key annual accomplishments include:

2009 - Presented a non-thesis MS option, due to this change enrollment doubled in one year.

2010 - Introduced/developed, several courses into the thesis/non-thesis tracks, including a CBRN course with the goal of a 3 course certificate program, a series of clinical courses taught by practicing surgeons, recruited a National Public Radio science correspondent adjunct faculty. Two of the courses start our distance learning curriculum.

2011 - Transferred the MS program from quarter to a semester system.

2012 - CBRN Defense Certificate program approved. While preparing for the semester conversion a financial risk to the university (25% loss of revenue) was identified and reported, with the conversion and reported this to the university financial VP. This 25% reported loss across the university was confirmed.

2013 - Introduced a new MS program for WSU, Emergency Management Disaster Preparedness. Co-chaired an FBI/WMD (Weapons of Mass Destruction) Symposium. Degrees awarded increased from 8 in fall 2009 to 31 in fall 2013, representing an increase of 288%. Course credit hours taught increased from 579 in fall 2009 to 1,112 in fall 2013, representing an increase of 92 %.

2014 – Rebranding of the Non-Thesis degree to a Leader/Admin degree, added several classes (Six Sigma, GLP..). This option is now more popular than the research option. Creation of three online foundation courses.The CBRN certificate program is now online to accommodate distance learners.

2015 – MD/MS track, CBRN program expansion

2016 – Working on an online MS degree option for the MS program

**Co-chair, EMDP MS Advisory Board: (2014 - Present)** I initiated the EMDP MS degree, completed research of all graduate EM and equiliviant programs in the US, and identified gaps in the education, worked on the business plan (ROI 700% with a very conservative budget model), completed the Program Development Plan, added in recruitment of advisory board members (2 faculty from each school at WSU). Start date for EMDP program is fall 2016.

**Director, Chemical, Biological, Radiological, Nuclear Defense (CBRN) Certificate Program: (November 2012 – Present)** Department of Pharmacology & Toxicology, Boonshoft School of Medicine. Average ten students per year complete this program. As director and instructor of this online certificate program, I continue to recruit Battelle and WPAFB expert faculty. We also have webinars, tours, and other unique offerings. Expansion to national level funded by the BSOM.

**Director, Pharmacology Genetic Testing Facility Boonshoft School of Medicine:** (July 2006 – 2011) Act as liaison for all correspondence between the Laboratory Animal Research Facility and the Department of Pharmacology and Toxicology. This included monitoring of fiscal issues with Laboratory Animal Research Facility. Regular meetings with Laboratory Animal Research to discuss inspections and other issues about our department. Monitored all Animal Use Protocols, amendments, and continuing reviews submitted by the Department to and from Research and Sponsored Programs and submitting such documents for some faculty in the department. Also meetings on behalf of Faculty, Laboratory Animal Research Facility, Research and Sponsored Programs, and the Department of Pharmacology concerning sensitive matters, to include controlled substance uses and inspection failures.

**Assistant Director, STREAMS Program: (**Short-Term Training Program to Increase Diversity in Health-Related Research) (February 07- September 09) Pharmacology/Toxicology Department, School of Medicine, Wright State University. STREAMS was the recipient of the 2010 Kim Goldenberg quest for community award.

**Assistant Director, Pharmacology & Toxicology Graduate Program** (July 2005 – June 2006) Duties included but not limited to recruitment, marketing, web and brochure design, displays, attend conferences and recruitment. Liaise periodically students and faculty: Performed initial phone and personal interviews with potential students, aid them in the application process, and invite them to interview if they qualify, respond to requests, inquiries. Schedule meetings, appointments and classroom space, coordinate travel arrangements email announcements, changes, and updates to enrolled students, perform basic statistics on student information (past, present, and future), update and maintain files, mailing lists, databases (Microsoft Office applications), find funding and advisors for new students, looking for scholarships and lastly establishing and maintaining online courses offered by our program.

**C.L.A.S.S.** (Spring 2001-2003): (Creating Laboratory Access for Science Students) NSF funded program that promotes excellence in the science education of students with disabilities. Systemic reform in the area focuses on training educators at all levels. The project is grounded in universal design; inquiry-based laboratory and field experiences. Roles included: Instructor for summer CLASS workshops; Attend and oral presentations at National Conferences where laboratories designed by me were presented, and local conference Quest, to bring awareness of the CLASS program to the community of our commitment to diversity issues as well as offer opportunities to students and educators, and to exchange resources related to diversity enhancement; CLASS Liaison: Survey museums, parks, and zoos in Ohio and surrounding areas to meet with directors, report on accessibility of establishments, create a key for educators planning field trips, and aid the establishments in improving their and accessibility for people with a variety of disabilities. Visit schools, churches, and groups to educate on accessibility issues. Assist in writing inquiry-based laboratory manuals, preparation of laboratories to accommodate students with disabilities, and other committee duties.

**Work Experience: Terrorism, Power, and Decision-making**

Research area: CBRN/Domestic Terrorism/Power/High Stakes Crisis Decision-Making.

July 19 2016 – Dayton Think Tank, first meeting.

July 10-15, 2016 – One of the leads for an Active Shooter Scenario involving WSU/VA/Dayton/Fairborn Police, SWAT, Hostage Negotiations.

July 8, 2016 TV interview, Dallas Shooting. Terrorism

July 6, 2016 - FBI Biosecurity workshop, one of the leads

June 7, 2016 – Domestic Terrorism workshop for ATIC

June 2016 – Submitted abstract for OSHA Grant

May 2016 – Submitted abstract for SAFEASSOCIATION National Meeting (military)

May 2016 – FBI Chemical/Explosive training, invited to participate (and blow things up!)

May 2016 – VA Fellowship ends, but I am returning as a paid consultant.

May 15-18, 2016 – MedBiquitious Conference, Implementing Provider, Patient:Provider and Patient Facing Interventions in a Virtual Environment Johns Hopkins, Baltimore.

April 27, 2016 – Invited Speaker Centerville Public Library, terrorism, >100 people in attendance.

April 7, 2016 – Rotary Club invited speaker, terrorism.

March 2016 – Meeting with Dayton Mayor on Think Tank and 4/5/6 Power Platform.

March 2016 – Fox 45/ABC 22 TV interview on the closing of Guantanamo Bay Prison (GITMO), Cuba.

March 2016 - Presented two workshops to the Staff Development day (total 92 attendees) 4/5/6 Power Platform

Feb 2016 – Muscatine, IA Journal Published Article “Muscatine Native Examines the Psychological Impact of Terrorism”

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.

Feb 2016 – Keynote speaker, Defense Institute Study and Education (IDSE) Military Supply Chain Workshop.

Feb 2016 - Presented a half day workshop on domestic terrorism for ATIC Analysist Bootcamp Students looking to get into the intelligence arena.

Jan 2016 – Led a lecture (100+ attendees) on the psychology behind the use of WMDs and terrorism.

Jan 2016 – Attended an international conference on simulations, WSU took home an award (#1) on Sim games, VA SimLEARN was #2. Workshops attended included 2 on qualitative methods some used in this research, and TED talks.

Jan 2016 – Fox 19 live TV interview on new book. This interview was repeated on 20+ media news links in the state.

Jan 2016 – DDN Newspaper article on new book. The article was published in several newspapers throughout the region.

Dec 2016 – Book published by Praeger/ABC-Clio, Weapons of Mass Psychological Destruction & the People That Use Them.

Fall 2015 – Presented a day-long workshop on domestic terrorism for ATIC Analysist Bootcamp Students looking to get into the intelligence arena.

Fall 2015 – CBRN (Chem/Bio/Rad/Nuc defense program was funded by the Medical School to go National, including hiring an Assoc. Director. US Secret Service show interest in sending agents in the program.

Fall 2015 – Attended a 3 day course on Simulation development, including visit to military simulations research center.

Fall 2015 – Two papers (blind, peer-reviewed) accepted for oral presentations at a Management conference in Columbus, one on decision-making, the other on meeting attendee behaviors and identifying bias.

Fall 2015 – Association for Medical Education Conference In Europe in Scotland.

Spring 2015 - Received a Post-Doctoral Fellowship (prior to completing doctorate) at the Dayton VAMC in Simulations. I was one of the leads for a Mass Causality Incident that involved several medical centers and Emergency Resp. in the state.

Fall 2014 – Started an internship (DOS program requirement) at the Dayton VAMC, continued on book, spent time at NCMR, introduced to crisis gaming

Spring 2014 – IRB petition approved to anonymously identify meeting behaviors to better understand collaborative decision making, potential bias, and conflict management.

Fall 2013 - Co-hosted the FBI/WMD terrorism workshop, FBI, EHS, P&T.

**Work Experience: Preclinical Research:**

**Laboratory Manager/ Research Associate:** (February 07 – January 2013) My duties included manage new and current students, visiting scholars, etc. in the lab, order equipment, reagents, lab supplies as well as troubleshooting the equipment. To increase productivity, I created, followed and instructed others in Standard Operating Procedures of the lab. Research of current publications for up to date methods and work related to cardiovascular and diabetes research, and the monitoring of funding agencies for available funding and assist with grant writing were imperative. The position required extensive use of Microsoft software, Adobe software, Primer design, and statistical packages as well as knowledge of computer hardware, hardware replacement, software, and networking.

Experience with rodents, handling, dissecting, some surgical procedures, drug injections and post-op care were essential parts of the research aspects, as were Genotyping, Primer Design, Mass spec, DNA extraction, PCR, Real Time PCR, Northern Blotting (and other molecular techniques, and animal husbandry for genetically modified rodents. Providing technical assistance in performing laboratory experiments, designing all experiments and writing the Animal Use Protocols, Amendments, Continuing Reviews, reviewed and approved by LACUC committee were key duties in this role, as well as the creation and maintenance of a database for animal inventory and use for department and university use.

**Research Assistant:** (July 2003 – February 2007) Pharmacology/Toxicology Department, School of Medicine, Wright State University. Designed and maintains an Access database specialized for mice. Created multiple forms, spreadsheets, and templates for the laboratory and department use for requesting mice, Real Time PCR, diluting primers, conversions (moles, grams, M1V1/M2V2) Write Animal Use Protocols (for LUCAC committee approval, and D.O.D.) for breeding, and mice used for a variety of experiments, inc. specialized husbandry, cross-strains, and multi-surgeries. Perform procedures such as decapitations, sutures, and removal of organs, and glands. Maintained all LAR breeding, protocol & surgery rooms. Managed monthly reports on all costs associated with departmental AUPs, grants, primary investigators, relating to the use of mice. Work with other PIs to set up breeding colonies and experimental designs.

**Work Experience, Teaching:**

**Assistant Professor: (Faculty 2010 – Present)** Responsible for teaching the following courses. The list below includes teaching after semester conversion only.

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| **Year** | **Course** | **Title** |
| Fall 2015 | PTX8000 (3.0 CR) | Human Studies Research |
| Fall 2015 | PTX8120 (3.0 CR) | Case Studies for Chemical Biological Radiological Defense |
| Fall 2015 | PTX8210 (3.0 CR) | Applications to Medical Biological Defense, Principles of Toxicology |
| Fall 2015 | PTX9000 (3.0 CR) | Introduction to Research |
| Fall 2015 | PTX9200 (3.0 CR) | Pharmacology Clinical Research |
| Fall 2015 | PTX9200 (1.0 CR) | Pharmacology Clinical Research |
| Fall 2015 | PTX9220 (3.0 CR) | Effective Scientific Writing: Part 2 |
| Summer 2015 | PTX 8000 (2.0 CR) | Advanced Science Writing |
| Summer 2015 | PTX 8200 B-01 (3.0 CR) | Communications in Science |
| Summer 2015 | PTX 9120 (3.0 CR) | Eff. Sci. Writing Part 1 |
| Summer 2015 | PTX 9120 (3.0 CR) | Eff. Sci. Writing Part 2 |
| Summer 2015 | PTX 8000 (3.0 CH) | Human Studies Research |
| Summer 2015 | PTX 8120 (3.0 CH) | Case Studies for Chemical Biological Radiological Defense |
| Spring 2015 | PTX-9120-01 (3.0 CR) | Scientific Writing 1 |
| Spring 2015 | PTX-8210-01 (3.0 CR) | Med. Bio. Defense |
| Fall 2014 | PTX 9000-01 (3.0 CR) | Intro to Pharmacology Research |
| Summer 2014 | PTX 8000 B-01 (1.0 CR) | Independent Study |
| Summer 2014 | PTX 8000 B-02 (2.0 CR) | Independent Study |
| Summer 2014 | PTX 8000 C-03 (3.0 CR) | Career development advising |
| Summer 2014 | PTX 8120 B-01 (3.0 CR) | Case Studies CBRN Defense |
| Summer 2014 | PTX 8200 B-01 (3.0 CR) | Communications in Science |
| Summer 2014 | PTX 9120 01 (3.0 CR) | Eff. Sci. Writing Part 1 |
| Summer 2014 | PTX 9120 01 (3.0 CR) | Eff. Sci. Writing Part 2 |
| Fall 2013 | PTX 8000 02 (2.0 CH) | Selected Topics - Pharmacology |
| Fall 2013 | PTX 9000-01 (3.0 CR) | Intro to Pharmacology Research |
| Summer 2013 | PTX 8000 (3.0 CR) | Selected Topics - Pharmacology |
| Summer 2013 | PTX 8120 B-01 (3.0 CR) | Case Studies CBRN Defense |
| Summer 2013 | PTX 8200 B-01 (3.0 CR) | Communications in Science |
| Spring 2013 | PTX 9220-01 (3.0 CR) | Intro to Library Research pt. 2 |
| Fall 2012 | PTX 7110-02 (1.0 CH) | Journal Club |
| Fall 2012 | PTX9000-01 (3.0 CR) | Intro to Research |
| Fall 2012 | PTX 9120-01 (3.0 CH) | Intro to Library Research pt. 1 |
| Summer 2012 | PTX 772 B01 (3.0 CH) | Case Studies CBRN Defense |
| Summer 2012 | PTX 772 B01 (4.0 CH) | Case Studies CBRN Defense |
| Summer 2012 | PHA 701 C03 (3.0 CR) | Communications in Science |
| Summer 2012 | PTX 990 B04 (1.0 CR) | Laboratory Safety |
| Summer 2012 | PHA 899 C01(3.0 CR) | Science writing Select topics |
| Spring 2012 | PTX 745 01 (3.0 CH) | Intro to Library Research pt.2 |

**Wright State University, College of Science and Math, Biology Dept: (2000 - 2003)**

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| **Year** | **Course** | **Title** |
| 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 |

**Graduate Training:**

**Research Assistant** (2001-2002): Department of Biological Sciences, Wright State University. Advisor: Michele Wheatly. (Based on mini-grant (not listed) submission by Terry Oroszi) NSF funded grant to survey local museums, parks, zoos, and planetariums to inspect accessibility for people with disabilities, programs for people with disabilities, educational resources for teachers, educational programs for teachers and students, websites.

**Graduate Research Associate** (1998-2000): Department of Biological Sciences, Wright State University. Advisor: Dan E. Krane. Molecular methods applied in the collection of data coupled with computer-driven analysis to identify short interspersed nucleotide sequences in mammals. This combination of molecular techniques and various computer platforms allowed for the clarification of the molecular evolution of mammals based repetitive DNA elements.

**Graduate Teaching Assistant** (1998-2000): Department of Biological Sciences, Wright State University. Advisor: Dan E. Krane. Molecular Biology Laboratory, Plant and Animal Laboratory, Ecology laboratory, and Comparative Vertebrate Laboratory. Molecular Biology Recitation and Cell Recitation.

**Computer Skills:**

**Platforms:** Macintosh, Windows, Linux, WebCT/PILOT (distance learning)

**Bioinformatics:** Gen Bank, Medline, and Pubmed

Database search for homologous sequences (BLAST search)

Dot Plots (DottyPlot)

Multiple Alignment of related sequences (Clustal W)

Phylogenetic reconstruction (PAUP, Phylip, and McClade)

**Word Processing:** Microsoft Office

**Data Analysis:** Excel, Cricket Graph, SPSS, S-Plus statistics software, PRISM

**Graphic design:** Adobe CS6 including InDesign, Acrobat, Illustrator, Photoshop, Elements, Dreamweaver, some Flash and Sound booth experience. Microsoft Publisher,

**Other:** Idrisi Geographic Information System, Microsoft Access and PowerPoint

**Additional Training:**

**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)

**Grants:**

CBRN Defense Program Expansion (2015) Boonshoft School of Medicine finances expansion start up costs to make the CBRN program a national program. (24,000 loan)

(MAY 2009) NHLBI National Heart, Lung, and Blood Institute 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 2 yrs. This was a supplement grant, to Dr. Mariana Morris’s NIH grant. ($45,000)

Oroszi, T.L., (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)

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.

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.

**Book Chapters/Papers/Abstracts:**

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.

James, L. and **Oroszi, T.** (2015) Is your next door neighbor a terrorist? Praeger Publishing, Santa Barbara, CA (Book in Preparation)

**Oroszi, T.** and James, L. (Eds.), (2015). Technology is the new WMD, Praeger, Santa Barbara, CA (Book in Preparation)

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 Thoracis 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.

James, L. & **Oroszi**, T., (Eds.), (2015). Weapons Of Mass Psychological Destruction And The People That Use Them, Praeger, Santa Barbara, CA Praeger Publishing, 2015

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) 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

**Oroszi, T.** (2015). Traditional Faculty Meeting Style is not Conducive to Group Decision Making. Manuscript accepted for Midwest Acadamy of Management Conference Oct, 2015.

**Oroszi, T.** (2015). Egos at the Table, a Study of Meeting Behaviors. Manuscript accepted for Midwest Acadamy of Management Conference Oct, 2015.

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. Paper presented at the Hypertension, 54(4) E68-E68.

Senador, D., **Oroszi, T.,** Key, M., Elased, K. M., & Morris, M. (2007). Angiotensinergic control of blood pressure in mice overexpressing ACE. Paper presented at the 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.

**Oroszi, T.L.** (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. L.** (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.

**Oral Presentations**:

**Oroszi, T**., (April 27, 2016). 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**., (February 11, 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**., (February, 2016). Keynote speaker, Defense Institute Study and Education (IDSE) Military Supply Chain Workshop. Wright State Foundation, Wright State University, Beavercreek, OH.

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

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

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

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

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

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

**Media**

ABC WCPO Cincinnati Link coming (July 8, 2016) 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>

<http://fox45now.com/news/fighting-back> also on <http://abc22now.com/news/fighting-back/guantanamo-transfers-could-end-up-in-the-us>

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

<http://www.mydaytondailynews.com/news/news/local-military/biggest-impact-of-terrorist-attacks-fear/np7x8/>

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

<https://webapp2.wright.edu/web1/newsroom/2015/08/14/cbrn-defense-certificate-program-offers-all-courses-online-each-semester/>

<https://webapp2.wright.edu/web1/newsroom/2014/06/30/boonshoft-school-of-medicine-offers-new-m-s-degree-in-leadershipadministration-in-pharmacology-and-toxicology/>

<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/>

**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.

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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.

**Mentored/Advisor for the following Pharmacology & Toxicology**

**Graduate Students 2013 - 2015:**

|  |  |  |
| --- | --- | --- |
| **2015: Name** | **2014: Name** | **2013: Name** |
| Alabdrabalnabi, Eman | Alsagri, Ahmed | Al Acrouk Samera |
| Andijani, Yusra | Farag Mosa | Elhshik, Elham |
| Khan, Aiman | Abdulmagid Sherif | Elzergani Khaled |
| Momenah, Tahani | Sara Younes | Embirsh Maison |
| Subedi, Sachchida | Manar Hajjan | Karabinis Alexandros |
| Almutairi, Fahdah | Nnaemeka Obianagha | Mohamed Fatma |
| Chinnapareddy, Srinivasula | Nagasudheer Balusu | Mohsen Ramzi |
| Egbai, Paulet | Siham Abdulla | Dukali Ibrahim |
| Greene, Matthew | Jawaher Aldurayhim | Booth, Heather |
| Ihezurike, Nedu | Bala Karri | Taylor, Tara |
| Karri, Bala | Daniel Baker | Aburagaya, Amira |
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| Kumbaji, Meenasri | Yetunde Fajulugbe | Hagezy, Ahmed |
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| Law, Sarah | Hassan Alhejaili | Almiahuob, Mohamad |
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**Awards / Honors:**

Michelle Obama Role Model of Excellence Award (2010)

Phi Beta Delta International Honors Society. (2000)

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

**Professional Societies/services:**

Executive Director, Simman Wound Board

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