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

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**Assistant Professor/Director, MS & CBRN Defense Programs**

*A recent Doctor of Education with dissertation research in Organizational Studies, and a Post-Doctoral Fellow in Advanced Clinical Simulations and Medical Education. An Assistant Professor of Wright State University Boonshoft School of Medicine’s Department of Pharmacology & Toxicology, and Director of the Chemical, Biological, Radiological, Nuclear Defense (CBRN) Certificate Program. Extensive expertise in consulting, program and curriculum development, organizational and molecular research, education/lecturing, recruitment and program budgets. Currently hold the title of Director for 3 programs, and Assistant Director for 2 programs. Highly adept at developing curricula, budgets, and staffing for CBRN defense programs, seminars and workshops related to both domestic and international terrorism. Currently completing a Masters of Business Administration.*

**Areas of Strength and Expertise**

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| * Pharmacology & Toxicology * Consulting * Counterterrorism * Curriculum Development * Molecular Research | * Chemical, Biological, Radiological, Nuclear Defense (CBRN) * Strategic Planning & Analysis * Grant, Article & Book Writing * Homeland Security Studies | * Education & Lecturing * Project Management * Program Management * Relationship Building * Organizational & Crisis Research |

**Professional Experience**

**DAYTON VA MEDICAL CENTER,** Dayton, OHMay 2015 to May 2016

***Post-Doctoral Fellow***

Undertook a 1-year interprofessional fellowship in Advanced Clinical Simulations and Medical Education under the mentorship of Dr. Rosalyn Scott and Dr. Nephthalim Greene. Participated in advanced training in simulation teaching, curriculum design, educational program implementation, study design, and research.

**WRIGHT STATE UNIVERSITY,** Dayton, OHAug. 2013 - April 2016

***Doctoral Student***

Completed a Doctorate of Education (Ed.D) in Organizational Studies, Leadership Track/Concentration: Business. Over the course of three years, conducted dissertation research, as well as two other research projects.

***Key Accomplishments:***

* Dissertation Research: “*A Preliminary Analysis of High-Stakes Decision-Making for Crisis Leadership.*” With the assistance of global, national and local high-level leaders, an analysis of shared crisis decision-making identified top traits that can aid the novice crisis leader.
* Performed an additional research project, “*4-5-6 Power Platform*,” a power “game” workshop that identified an individual’s personal power and how to utilize it to achieve the individual’s goals.
* In another research project, evaluated human behaviors, in particular, the struggle for power in groups, by 1) Creating a new group decision-making model for small organizational groups, and 2) An IRB approved behavior assessment tool.

**BOONSHOFT SCHOOL OF MEDICINE, WRIGHT STATE UNIVERSITY,** Dayton, OH2003 to Present

***Staff Scientist, Department of Pharmacology and Toxicology*** *(June 2003 - Present)*

From Feb. 2007 to Jan. 2013, acted as Laboratory Manager/Research Associate (promoted from Research Assistant, July 2003 - Feb. 2007) for the School of Medicine, managing new and current students and visiting scholars. Oversaw all equipment, inventory and ordering or reagents and supplies, developed and implemented laboratory SOPs.

***Key Accomplishments:***

* Developed significant expertise in lab animal handling and surgeries, drug injections, and post-op care, as well as genotyping, primer design, mass spectroscopy, DNA extraction, PCR, real-time PCR, Northern Blotting and other molecular laboratory techniques.
* Assisted medical students and researchers in clinical laboratory research, designed experiments and authored Animal Use Protocols, Amendments, Continuing Reviews, and created and maintained a database for animal inventory for department and university use.

***Director, Pharmacology & Toxicology Graduate Program*** *(May 2008 - Present)*

As Director, set a goal of making the program self-sustaining in 10 years. In 2008, the program generated $250,000 in annual revenue, paid 29% of salaries, and recruited 5 students per year; by year-end 2014, the program generated $1.5 million annually, supported 50 - 100% of salaries, and accepted 28 students. Introduced and developed several courses into the thesis/non-thesis tracks, including a CBRN course, set clinical courses taught by practicing surgeons, and recruited a National Public Radio science correspondent as adjunct faculty.

***Key Accomplishments:***

* Promoted from Assistant Director (July 2005 - June 2006), to Director.
* Led a 500% growth in revenue due to personally developed initiatives.
* Initiated the program with the goal of becoming self-sustaining in 10 years, which currently has a near 100% graduation rate.
* Led the CBRN Defense Certificate program to approval in 2012.
* In 2013, introduced a new MS program, Emergency Management Disaster Preparedness.
* Co-chaired an FBI/WMD (Weapons of Mass Destruction) Symposium in 2013.
* Developed a new MS program tutor center, an MD/MS track, CBRN program expansion and an MS degree online option in 2015.

***Director, Chemical, Biological, Radiological, Nuclear Defense (CBRN) Certificate Program*** *(Nov. 2012 - Present)*

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, 3 years ahead of schedule.

***Director, Pharmacology Genetic Testing Facility, Boonshoft School of Medicine*** *(July 2005 - 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 Program.
* Participated in and conducted meetings on behalf of 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.

**Education and Training**

**Post-Doctoral Fellowship**

**Advanced Clinical Simulations/Medical Education**

Dayton VA Medical Center | Dayton, OH | May 2015 - May 2016

**Doctorate 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 | 2016

**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**

Wright State University | Dayton, OH

**Bachelor of Science, Biological Sciences/Concentration: Evolutionary Biology**

Wright State University | Dayton, OH