

Lawrence Donovan

Professional Experience:

January 2011 to Present- Medical Physicist, Foxfire Scientific, Inc. Licensed Medical Physicist in Diagnostic Radiological Physics, Medical Nuclear Physics, and Medical Health Physics. Provides consulting to 700 clients nationwide with primary responsibilities in Northern Texas.

September 2000-January 2011 Staff Health Physicist, Nuclear Materials Inspector/ Licensed Medical Physicist, Division of Nuclear Materials Safety, US Nuclear Regulatory Commission (NRC) Region IV, Arlington Texas. Provided nuclear materials inspection and license reviews to 650 licensees within Region IV (all US territories west of the Mississippi River including Alaska and Hawaii), to include portable gauges, radiopharmacies, hospitals, well logging & industrial radiography (including off shore oil/gas platforms), and academic/universities.

March 2000-June 2000 Licensed Medical Physicist/Radiation Expert. Comprehensive Physics Services Inc, Centerville OH. Provided medical physics consulting support to therapeutic and diagnostic radiology clients in the Dayton OH area. FDA certified to conduct Mammography Quality Assurance Standards Act (MQSA) surveys pursuant to 21 CFR 900.

March 1995-March 2000 - Headquarters Air Force Materiel Command, Office of the Command Surgeon, Bioenvironmental Engineering Services Division, Chief, Radiation Physics Branch, Wright-Patterson Air Force Base, Ohio. Command Health Physicist: Provided comprehensive physics oversight to 13 Command bases including low level radioactive & mixed waste management, dosimetry, nuclear weapon, nuclear reactor, material licensing, laser and radio-frequency hazard assessments. Medical operational readiness specialist for Vulnerability Assessment Team (nuclear biological chemical terrorist medical response). IG augmentee. Received Meritorious Service Medal (4th award). Retired from active duty as a Major.

April 1992-March 1995 - USAF Armstrong Laboratory, Occupational and Environmental Health Directorate, Bioenvironmental Engineering Division, Radiation Dosimetry Branch, Brooks Air Force Base Texas. Chief, Radiation Dosimetry Branch. Project manager for the Air Force's 10,000 radiation worker monitoring program. Ensured National Voluntary Laboratory Accreditation Program certified radiation dosimetry service and instrumentation calibration were maintained to 225 installations worldwide. Supervised staff of 15 officers, enlisted and civilians. Program Manager for the High Flier strategic reconnaissance aircrew cosmic radiation exposure assessment. Deputy Chief, Air Force Radiation Assessment Team. (nuclear weapon accident worldwide response). Received Meritorious Service Medal (3rd award).

April 1985-March 1992 - USAF Radioisotope Committee Secretariat. Air Force Office of Medical Support (Air Staff), Office of the Surgeon General, Brooks Air Force Base Texas. Chief, Licensing Actions. Program management of the Air Force's worldwide radiation safety program under NRC issued Master Materials License. Reviewed, processed and approved radioactive material use permits to Air Force users worldwide for a wide range of operations (medical, industrial, and R&D). Received Meritorious Service Medal (2nd award) and 2 Air Force Achievement Medals. Honor Guard Commander, 1985-1987.

August 1982-April 1985 - USAF Medical Center, Department of Radiology, Scott Air Force Base Illinois. Radiation Safety Officer and Radiological Physicist. Provided radiation safety support and oversight to nuclear medicine and diagnostic radiology. Listed Radiation Safety Officer (RSO) on NRC medical license. Received Meritorious Service Medal (1st award). Honor Guard Commander, 1983-1985.

May 1980-August 1982 - USAF School of Aerospace Medicine, Radiation Sciences Division, Health Physics Branch, Brooks Air Force Base Texas. Assistant RSO/Health Physicist. Radiation safety management oversight to biomedical research and development activities. Received Air Force Commendation Medal. Served as Officer in Charge of Base Honor Guard.

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June 1978-May 1980 - Allegheny General Hospital (Mideast Center for Radiological Physics), Pittsburgh, Pennsylvania. Radiological Physicist. Nuclear medicine, diagnostic and therapeutic radiology health physics support including accelerator and cobalt 60 unit calibrations. Managed teletherapy and mammography dosimetry mailing programs.

October 1975- June 1978 - University of Pittsburgh, Radiation Safety Office, Pittsburgh Pennsylvania. Assistant Health Physicist. Managed bioassay program, external and internal dosimetry program, radiation monitoring, laboratory contamination surveys, X-ray surveys and air sampling program for university and 5 medical centers.

Education:

Master of Science in Physics (1989), Southwest Texas State University, San Marcos Texas. Thesis: Laser optical scattering and transmission (Mie scattering). GPA=3.88/4.00

USAF Air Command and Staff College (1984 Graduate), Maxwell AFB, Alabama

Master of Arts in Management and Health Service Facilities Management (1982;dual major), Webster University, St Louis Missouri. GPA = 3.5/4.00

USAF Squadron Officers' School (1982 Graduate), Maxwell AFB, Alabama

Bachelor of Science in Physics (1974), Duquesne University, Pittsburgh Pennsylvania. GPA = 2.56/4.0

Organizations:

Health Physics Society and the American Association of Physicists in Medicine

Certifications/licenses:

State of Texas Medical Physicist (#MP0323)

American Board of Radiology designated board eligible

Hazardous Waste Operations and Emergency Response certified (HAZWOPER)

FAA licensed Private Pilot, single and multi-engine land instrument rated. Type rated in B-25 North American Mitchell Bomber, Second in Command privileges (co-pilot)

Adjunct Faculty, Rio Grande Radiological Physics Group, Albuquerque New Mexico

Government Clearances:

USAF: Top Secret with Critical Nuclear Weapon Design Information (CNWDI), 1987

US Nuclear Regulatory Commission Region IV: "L" Clearance, 2001-2011