

2018 SEP 13 AM 9:16

STATE OF OHIO

Executive Department

OFFICE OF THE GOVERNOR

Columbus

I, John R. Kasich, Governor of the State of Ohio, do hereby appoint, Robert J. Friedman, III, MS, from Powell, Franklin County, Ohio, as a Member of the Radiation Advisory Council for a new term beginning September 7, 2018 and ending at the close of business September 6, 2023, replacing Robert J. Friedman III, whose term expired.



IN WITNESS WHEREOF, I
have hereunto subscribed my name
and caused the Great Seal of the State
of Ohio to be affixed, at Columbus, this
6th day of September in the year of our
Lord, Two Thousand and Eighteen.

John R. Kasich
Governor

Robert Friedman

505 King Avenue • Columbus, OH 43201
friedmanr@battelle.org • (614) 424-6588

Education

M.S., Nuclear Engineering, The Ohio State University (1998)

*Completed all required course work and passed qualifying exam for Ph.D. in Nuclear Engineering,
The Ohio State University (2000)*

M.S., Physics, Purdue University (1991)

B.S., Physics, Youngstown State University (1990)

Qualifications Summary

Strategy-minded Program/Project Manager and Certified Health Physicist with 20 years of experience in establishing and managing operational, compliance, safety, and quality programs and projects for military facilities and activities, government laboratories, hospitals, and decontamination and decommissioning (D&D) activities. Demonstrates leadership and communication skills by developing strategies to assist customers in meeting environmental, safety, health, and quality (ESH&Q) internal and external performance expectations. Leadership experience and training as a U.S. Army officer and D&D project manager. Excellent understanding of the regulatory and quality landscapes gained through compliance and quality audit, surveillance, program management, and risk assessment activities for many and varied organizations. Radiological experience includes, but is not limited to, developing radiation measurement instrumentation and techniques, handling Nuclear Regulatory Commission (NRC) and Agreement State licensure issues, routine and non-routine radiological safety analysis, radiation transport physics calculation and modeling, standards interpretation and implementation, and a full spectrum of management, budgetary, and staffing responsibilities.

Professional Experience

Radiation Safety Management. Provides health physics consultation services and oversight to corporate radiological operations, including preparation or approval of Radioactive Material Applications (RMAs)/Radiation Work Permits and radiological release survey reports (to include Final Status Surveys), writing and revising operating procedures, and verifying designs and technical approaches to radiological protection and engineering problems. Instrumental in developing proposals to government clients for radiological work, e.g. facility characterization, dose estimation/reconstruction, RSO staffing, and emergency management. Develops and performs training. Interprets regulations and standards. Developed and implemented successful radiation safety programs for Martin Army Community Hospital and the Ohio Department of Health (ODH) Radiochemistry Laboratory. While serving as a U.S. Army officer, coordinated with numerous Army commands and government agencies supporting the conduct of radiation protection consultations, audits, and studies to identify and quantify health hazards associated with the use of ionizing radiation. Provided support and training to Army facilities for the safe use of radioactive materials. Provided and enhanced U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM)/Army Office of the Surgeon General interfaces with federal regulating agencies, including the NRC, US Environmental Protection Agency, US Food and Drug Administration, US Department of Energy, and the National Institute of Standards and Technology. Served as operational program manager and consultant for radiation safety officer for NRC nuclear medicine license, and performed and directed operational hospital health physics/radiation safety activities.

Selected Contributions:

- Served as project manager (managing up to \$4M in resources and supervising up to nine technical personnel) for decommissioning Fort Ord, CA and the Army Research Laboratory, Watertown, MA in support of NRC license termination.
- Project manager for the neutron dosimetry measurement program and other special projects, to include testing, validating, and using specialized instrumentation to collect data for an Army-wide neutron dosimetry program. Presented a proposal for the developed dosimetric techniques at a joint DOD/DOE meeting in Los Alamos, NM, to be used in dose reconstruction for 1950's era nuclear

weapons workers.

- Led team to site, design, and build an NRC-approved transuranic waste staging pad prior to its shipment to the Savannah River Site.
- Performed as acting Battelle Columbus Laboratories Decommissioning Project (BCLDP) Radiological Technical Support Manager (addressed NRC licensure issues, performed non-routine radiological safety analysis, supervised personnel, and planned operating budget).
- Coordinated shipment of a Saxton research reactor spent fuel pin to DOE's Savannah River Site.
- Team member and lead for formal Operational Readiness Reviews performed prior to loading/shipping transuranic waste, and D&D of two reactor facilities at Brookhaven National Laboratory, respectively.
- Evaluated and approved high-risk radiological operations as a member of the BCLDP Management Oversight Committee.
- Performed as subject matter expert for subcontractor use of the RESRAD code for soil contamination and spent fuel pool volumetric release for decommissioning propositions.

Relationship Management. Spearhead and facilitate strategies to improve environmental, safety and quality performance for Battelle National Security Global Business (NSGB) and Energy, Environment, and Materials Sciences Global Business (EEMSGB). Coordinating the delivery of ESH&Q services to Line Managers and staff, to assist them in meeting their management's performance expectations. Provides expert advice and counsel to NSGB and EEMSGB managers and staff on all aspects of ES&H services and performance. Develops and implements other broad-scoped ES&H special projects as assigned by senior management. Led or participated in numerous independent oversight, problem-solving, and culture assessments to help senior managers better understand their organizations' attitudes, values, and beliefs, and remove barriers to achieving their strategic intent. Assisted NSGB and EEMSGB management in developing key management processes and programs. Developed key sections (descriptions of management systems, process maps, and performance metrics/data) for a number of large contract proposals (totaling over \$1.6 billion in business volume). Mentored staff members in management system development and implementation.

Regulatory Compliance and Quality Management. Develops quality expectations for application throughout Battelle's Columbus operations. Provides regulatory and compliance oversight in matters associated with quality, environment, health, and safety. Plans, performs, and tracks results for ESH&Q compliance and performance assessments of Battelle operating components and provides compliance support to those components. Assists groups in developing and implementing programs and initiatives to meet regulatory requirements and client expectations, and in evaluating performance. Developed, implemented, and managed a \$500K/year quality assurance (QA) program for the BCLDP. Improved Battelle's Nevada Test Site operations through key input into hiring new quality manager and assessing quality and performance management process relationships, to include assisting in developing necessary and complete systems and appropriate interfaces between procedures. Site quality assurance officer (SQA) for the BCLDP Transuranic (TRU) Waste Certification Program (WCP). Managed BCLDP audit and auditor certification programs. Certified Lead Auditor.

Work History

Battelle Memorial Institute, Columbus, OH

Manager, Radiation Safety
ESH&Q Support Coordination Manager
Senior Regulatory Compliance Advisor
Associate Manager/Quality Manager
Principal Research Scientist

2000 - Present

2012 – Present
2004 – 2012
2003 – 2004
2002 – 2003
2000 – 2002

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The Ohio State University, Columbus Ohio Graduate Research Associate/Fellow	1996 – 2000
U.S. Army, various locations Chief of Health Physics (CPT) Martin Army Community Hospital Fort Benning, GA	1992 – 1996 1994 – 1996
Nuclear Medical Science Officer (1LT) USACHPPM Aberdeen Proving Grounds, MD	1992 – 1994

Professional Recognition and Affiliations

American Academy of Health Physics - 2003 - present
Health Physics Society - 1993-present
State of Ohio Radioactive Materials Committee (sub-committee of governor-appointed Radiological Advisory Committee)

Publication

R. J. Friedman, M. C. Reichard, T. E. Blue, and A. S. Brown. (2001). "Evaluation Of Scatter Contribution From Shielding Materials Used In Scatter Measurements For Calibration Range Characterization," *Health Physics*, Volume 80, Number 1.

Select Training and Certification

Certified Health Physicist (American Board of Health Physics)
Human Performance Fundamentals (certified practitioner)
Modular Emergency Response Radiological Transportation Training (Train the Trainer)
MCNP/MCNPX Intermediate Workshop: Focus on Homeland Security
Applied Health Physics: 5-week course
Advanced Radiation Detection and Measurement
Computed Tomography Survey Techniques Course
General Theory of Gamma Spectroscopy
Health & Safety for Hazardous Waste Operations (HAZWOPER) – 40 hours
Health Physics in Radiation Accidents: REAC/TS
Medical X-Ray Survey Techniques

GOVERNOR'S APPOINTMENTS TO BOARDS AND COMMISSIONS

Date: 9/6/2018

Name of Appointee: Mr. Robert J. Friedman, III, MS

Address: 7897 Saddle Run
Powell, OH 43065
Franklin County
(H) - 6147991518
(W) - 6144246588
(M) - 6145990570

Name of Commission: Radiation Advisory Council

Contact: Mike Snee (Bureau Chief)
Jean Hardy (assistant)
35 E. Chestnut St. 7th Floor
Columbus, OH 43215
(614) 644-2727

Term Begins: 9/7/2018

Term Ends: 9/6/2023

Party Affiliation:

Senate Confirmation: Appointed by the Governor, confirmed by the Senate

Financial Disclosure: Public disclosure required

Vice: Robert J. Friedman III