

# Michael A. Albanese

██████████ · Idaho Falls, ID · 83401

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## PROFESSIONAL EXPERIENCE

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### **Qal-Tek Associates, LLC**

Corporate Radiation Safety Officer

**Idaho Falls, ID**

12/2014 – current

- Manages Qal-Tek's Idaho Service License
- Oversees 3 other QTA licenses across the US
- Oversees all reciprocity work

### **Merck & Co., Inc.**

*Radiation Safety Officer*

*and Corp. Non-Ionizing Radiation Safety Officer*

**West Point, PA**

12/2012 – 12/2014

- Manage broad scope radiation safety program for research and manufacturing of a major pharmaceutical company.
- Manage the site non-ionizing radiation safety program and provide global support.
- Manage radiation safety staff for West Point, PA.

### **Merck & Co., Inc.**

*Health Physicist*

**West Point, PA**

6/91 – 11/2012

- Developed and managed the non-ionizing radiation safety program, including laser safety (according to ANSI and IEC), magnet safety (in accordance with ACR and ICNIRP), ultra-violet light safety (in accordance with ICNIRP), and electromagnetic field safety (in accordance with IEEE, ICNIRP, and ACGIH).
- Managed the ionizing radiation waste program for the West Point facility including incineration, decay in storage, sewer disposal, and off-site shipments.
- Managed the radioactive materials shipping program for the West Point facility and provided in-house training. HAZMAT certified to ship all classes of hazardous materials, via air and ground.
- Provided radiation safety training to researchers, managers, contractors, and ancillary staff.
- Managed the X-ray program in accordance with state regulations for over 40 units and up to 175 authorized users.
- Managed the radioactive materials emergency response program and served on the HAZMAT Team. Provided radiation safety training for other emergency responders.
- Managed the on-site irradiator program, meet trustworthy and reliable status

- Managed the on-site E-beam program.
- Provided oversight for the on-site PET/SPECT Imaging program.
- Provided oversight for radioactive effluent program, including running EPA Comply Code, calibrating effluent monitors, calibrating flow cells, and conducting hot wire anemometer checks of laboratory fume hoods and hot cells.
- Performed lab survey and audits of radioactive materials labs.
- Performed and led site radiation safety inspections for in-house Corporate Auditing.
- Performed and led non-ionizing radiation safety inspections for global Merck facilities.
- Performed internal and external dosimetry calculations. Experience with Varskin 3.0 and Megashield software.
- Performed shielding calculations for X-ray and PET/SPECT facilities.
- Experience with liquid scintillation counters, gamma counters, GeLi detection system, NaI thyroid counter, various hand-held portable survey meters.

## EDUCATION/CERTIFICATIONS

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**[REDACTED]**  
*BS Health Physics*

**[REDACTED]**  
*5/91*

**Board of Laser Safety, CLSO**

*10/2011*

## PROFESSIONAL AFFILIATIONS

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- Health Physics Society (*1990 – Present*)
- Laser Institute of America (*2001 – Present*)
- Board of Laser Safety, CLSO (*2011 – 2017*)