



# MICHAEL ANDERSON

## HEALTH PHYSICS COORDINATOR

### PROFILE

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Results-oriented Health Physics Specialist with a robust background in nuclear medicine and radiation safety in clinical settings. Over the past eight years, I have developed expertise in the application of health physics principles in hospitals and research institutions, ensuring patient and staff safety in environments involving ionizing radiation. My experience includes conducting radiation dose assessments, implementing safety protocols, and liaising with regulatory agencies.

### EXPERIENCE

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#### HEALTH PHYSICS COORDINATOR

##### Metro Hospital

2016 - Present

- Oversaw radiation safety program for the nuclear medicine department, ensuring compliance with safety regulations.
- Conducted regular radiation dose assessments for staff and patients undergoing procedures.
- Developed and delivered training programs on radiation safety for clinical staff.
- Implemented emergency response procedures for radioactive spills and incidents.
- Collaborated with medical physicists on quality assurance programs for imaging equipment.
- Maintained accurate documentation of radiation exposure and safety audits.

#### RADIATION SAFETY OFFICER

##### Research Institute of Health Sciences

2014 - 2016

- Managed the radiation safety program, including compliance with institutional and regulatory requirements.
- Performed radiation surveys and audits of laboratory areas using specialized detection equipment.
- Provided consultation on radiation safety for research protocols involving radioactive materials.
- Developed safety guidelines and standard operating procedures for laboratory personnel.
- Conducted incident investigations and implemented corrective actions to prevent recurrence.
- Coordinated with external agencies for regulatory inspections and reporting.

### CONTACT

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### SKILLS

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- Radiation Dose Assessment
- Compliance Management
- Training and Development
- Incident Investigation
- Quality Assurance
- Multidisciplinary Collaboration

### LANGUAGES

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- English
- Spanish
- French

### EDUCATION

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#### MASTER OF SCIENCE IN NUCLEAR MEDICINE, UNIVERSITY OF HEALTH SCIENCES

### ACHIEVEMENTS

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- Successfully reduced staff radiation exposure levels by 25% through enhanced training and safety measures.
- Led a team that achieved full compliance during external safety inspections.
- Developed a new protocol that improved patient safety in nuclear imaging procedures.