

Nikolai Bradley

Diagnostic Medical Physicist

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SUMMARY

Dedicated Diagnostic Medical Physicist with over three years of clinical experience in diagnostic imaging and radiation safety. Proven expertise in evaluating and optimizing imaging systems to ensure compliance with regulatory standards and best practices. Strong communicator committed to client and patient care, known for going above and beyond to support colleagues and clients alike. Holds a board certification from the American Board of Radiology in Diagnostic Medical Physics, focused on quality assurance and regulatory compliance. Dedicated to fostering a safe imaging environment through meticulous evaluation processes and active collaboration with multidisciplinary teams.

EXPERIENCE

Diagnostic Medical Physicist

Innovative Medical Solutions 📅 June 2023 - Present 📍 Louisville, KY

Functioning as a key member within a collaborative team that supports various imaging centers and hospital departments by performing critical evaluations of imaging systems. Role emphasizes adherence to state regulations and accreditation requirements while actively participating in institutional safety protocols.

- Conducted comprehensive evaluations of imaging systems ensuring compliance with safety standards and operational guidelines.
- Performed annual evaluations across different modalities while maintaining high quality and operational standards.
- Led audits related to Radiation Protection Programs to reinforce adherence to safety protocols.
- Worked closely with technologists and radiologists on clinical protocol assessments ensuring efficient patient radiation exposure management.
- Provided expert consultation regarding facility design and shielding requirements enhancing safety outcomes.
- Facilitated training sessions on radiation safety promoting a culture of compliance and vigilance within the organization.

Medical Physicist

Radiation Health Services 📅 March 2021 - May 2023 📍 Lexington, KY

Played an instrumental role supporting imaging equipment performance enhancements via technical evaluations. Collaborated extensively in multidisciplinary settings, contributing both technical competencies and strategic insights into policy improvements for safety and compliance.

- Evaluated imaging equipment performance implementing necessary adjustments to improve patient safety.
- Managed quality control programs ensuring compliance with established safety regulations enhancing service delivery.
- Participated actively in the Radiation Safety Committee to advise on safety policy decisions.
- Developed staff training initiatives leading to notable improvements in safety incident reductions.
- Reviewed dosimetry reports to enforce ALARA principles for occupational exposure.
- Assessed public exposure levels around x-ray facilities preserving community health and safety compliance.

Junior Medical Physicist

Health Imaging Associates 📅 January 2020 - February 2021 📍 Dayton, OH

Contributed to the successful operations of medical physics functions through supportive roles in imaging departments. Focused efforts included equipment evaluations and routine audits to maintain professional standards and workplace compliance.

- Assisted in calibrating imaging systems ensuring optimal performance and regulatory compliance.
- Supported senior physicists in conducting compliance audits ensuring accurate documentation maintained for accreditation.
- Troubleshoot recurring issues on imaging machines in collaboration with engineers for effective resolutions.
- Played a role in establishing enhanced safety protocols benefiting organizational compliance efforts.
- Participated in quality assurance processes guaranteeing imaging systems were operated safely.
- Helped train new staff members fostering a knowledgeable workforce dedicated to safety.

LEADERSHIP & AWARDS

- Board Certified by the American Board of Radiology in Diagnostic Medical Physics, 2021
- Recipient of the Innovative Medical Solutions Employee Excellence Award, 2024

EDUCATION

Master's Degree in Medical Physics

University of Cincinnati 🎓 GPA: 3.8 📅 2020 📍 Cincinnati, OH

Coursework: Radiological Physics, Radiation Safety, Clinical Imaging Systems, Quality Assurance Practices

CERTIFICATIONS

- Board Certification in Diagnostic Medical Physics 📅 2021
- Certification in Radiation Safety Management 📅 2022

TECHNICAL SKILLS

- **Imaging Equipment:** MRI, CT, Nuclear Medicine Cameras
- **Health and Safety Standards:** State Regulations, ACR, TJC Criteria
- **Quality Control Tools:** Audit Protocols, Safety Reviews, Dosimetry Reports
- **Training Platforms:** Workshops, Seminars, Training Sessions
- **Collaboration Platforms:** Interdepartment Meetings, Safety Committees, Consultations
- **Evaluation Standards:** Compliance Records, Performance Standards, Patient Safety Guidelines
- **Consultation Techniques:** Facility Design, Shielding Requirements, Policy Advising
- **Software Proficiency:** Microsoft Office Suite, Imaging Software
- **Documentation Tools:** Record Keeping Templates, Accreditation Documentation
- **Professional Organizations:** AAPM, RSNA, ASTRO

SKILLS

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|-----------------------|----------------------------|-----------------------------------|--------------------------|
| • Diagnostic Imaging | • Regulatory Standards | • Safety Protocols | • Policy Improvement |
| • Radiation Safety | • Client Consultation | • Training Development | • Risk Management |
| • Compliance Auditing | • Image Evaluation | • Multidisciplinary Collaboration | • Technical Assessments |
| • Quality Assurance | • Performance Optimization | • Equipment Calibration | • Operational Compliance |

PROFESSIONAL AFFILIATIONS

- Member of the American Association of Physicists in Medicine
- Active participant in local Radiology Safety Committees

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST