## ISA BRUEDIGAN

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**Regulatory Leader** with 26 years of experience in interpreting, inspecting, and enforcing regulations for the safe use and control of radiation. Skilled in managing multiple priorities, research, rule development, and identifying problems, and implementing solutions. A recognized leader in the field of regulatory radiation control within the state and nationally.

#### Strengths and competencies:

- ✓ Teamwork & collaboration
- ✓ Communication & public speaking
- ✓ Process improvement

- ✓ Planning & organizing projects
- ✓ Decision making
- ✓ Creative problem solving
- ✓ Team building
- ✓ Quality control/assurance
- ✓ Crisis management

#### **EXPERIENCE & NOTABLE CONTRIBUTIONS**

#### **TEXAS DEPARTMENT OF STATE HEALTH SERVICES • Austin, TX • 2022 to present** DIRECTOR, RADIATION SECTION

Responsible for the direction and coordination of all aspects of the Radiation Section of the Consumer Protection Division, including rule-making, licensing, inspection, and compliance over x-ray, laser, mammography, radioactive material, emergency preparedness, and response programs.

- Lead a group of 10 managers and a diverse team of 110 radiation protection workers.
- Collaborate with other sections and programs across the Division to develop policy, regulations, and enforcement decisions.

#### **TEXAS DEPARTMENT OF STATE HEALTH SERVICES • Austin, TX • 2020 to 2022 Director,** Surveillance Section

Responsible for the direction and coordination of the operations of the Surveillance Section of the Consumer Protection Division. Develop and collaborate across sections and other division programs on policy, rule development, enforcement, and legislative bill analysis.

- Led a group of three Directors, 19 managers, and a diverse team of 195 from the Radiation, Environmental, and Food and Drug Units.
- Collaborate with other sections and programs across the Division to develop policy, regulations, and enforcement decisions.

**KEY ACCOMPLISHMENT:** 

- Established leadership training for the unit managers with requirements to obtain annual leadership training.
- United the directors and managers to improve communication and streamline processes and policies across the unit.

#### TEXAS DEPARTMENT OF STATE HEALTH SERVICES • Austin, TX • 2018 - 2020

#### RADIATION UNIT MANAGER, SURVEILLANCE SECTION

Responsible for the direction and coordination of the operations of the Radiation Unit.

- Led a group of five managers and a team of 68 from X-ray, Mammography, Radioactive Material Inspectors, and Radiation Emergency Response and Environmental Monitoring.
- Collaborate with Radiation Control and other division programs to develop policies, regulations, and enforcement decisions.

#### **KEY ACCOMPLISHMENT:**

- Unified the radioactive material managers to improve communication and streamline processes and policies across the radiation program.
- Launched monthly meetings for the professional & personal development of Division staff

#### TEXAS DEPARTMENT OF STATE HEALTH SERVICES • AUSTIN, TX • 2011 - 2018

#### X-RAY NORTH MANAGER

Led a team of 13 inspectors located across the state. Developed strategic and operational plans for the X-ray Inspection Group.

• Experienced in coordinating projects within the Division and with executives at other regulatory agencies and professional organizations at the state and federal levels.

#### **KEY ACCOMPLISHMENT:**

- Developed test device now used internationally.
- Developed new regulations for the use of fluoroscopy and computed tomography (CT) devices.
- Hosted a South Korean National Evidence-based Healthcare Collaborating Agency delegation focusing on radiation dose reduction for fluoroscopy and CT.
- Selected by the Associate Commissioner to launch and moderate a new cross-functional meeting for the Environmental Health PSQA, Licensing, and Inspection groups.

# TEXAS DEPARTMENT OF STATE HEALTH SERVICES • AUSTIN, TX • 2006-2011

#### **TRAINER X-RAY INSPECTION GROUP**

Trained new and established inspectors on all medical and industrial x-ray device modalities.

- Provided technical guidance and updated the training process and manual.
- Assisted manager with the development of policy and procedures, standard violations.
- Provided input for rule development for x-ray and laser devices.

#### KEY ACCOMPLISHMENT:

- Chair of Conference of Radiation Control Program Directors (CRCPD) H-32 Committee on (CT)
- Developed and hosted CRCPD national inspector training on CT

#### PRIVATE SECTOR • TEXAS • 1985 - 1997

- 1991 to 1997 Chief Technologist and Radiation Safety Officer, Temple Radiology
- 1989 to 1991 Radiological Technologist, King's Daughters Hospital
- 1987 to 1989 Chief Radiological Technologist, St. Edwards Hospital
- 1985 to 1987 Radiological Technologist, O.E. Teague Veteran's Hospital

#### **PROFESSIONAL DEVELOPMENT AND SKILLS**

#### MANAGEMENT

- Texas Health and Human Services Executive Leadership Academy 2020
- Training in project management and process improvement

#### Technical

- Advanced Radiological Health Physics Course, Texas A&M University 2001
- Courses and training in emergency response and preparedness, hazardous material and media relations, and public information

#### **Professional Licenses and Certifications**

- American Registry of Radiological Technologists since 1985
- Texas Medical Radiological Technologist since founded in 1988
- American Registry of Diagnostic Medical Sonographers since 1994

### **PROFESSIONAL HIGHLIGHTS**

#### PRESENTATIONS

- International Atomic Energy Agency (IAEA), Vienna, Austria 2023, 2022, 2018 and 2017
- IAEA Regional Training, Radiation Therapy Instructor, South Korea 2023
- World Institute of Nuclear Security, Vienna, Austria 2019
- Conference of Radiation Control Program Directors Annual Meetings 2007 to present

- Texas Dental Association Podcast 2019
- Health Physics Society 2013

## Awards

• James W. Miller Award –Conference of Radiation Control Program Directors (CRCPD) for significant contributions to national efforts to optimize diagnostic imaging and reduce unnecessary radiation in healing arts procedures - 2016

## **ELECTED POSITIONS**

- CRCPD Chair-Elect 2023
- CRCPD Treasurer-Elect 2020 to 2023
- CRCPD Member at Large 2012 to 2015

## COMMITTEE AND LIAISON ACTIVITIES

- ACR Blue Ribbon Panel on Fluoro Safety 2023
- National Council on Radiation Protection Commentary No. 33, Recommendations for Stratification of Equipment Use and Radiation Safety Training for Fluoroscopy Published 2023
- Days After Emergency Response Project with Dept. of Energy, Environmental Protection Agency, and the Israel Atomic Energy Commission 2022 to present
- FDA's Technical Electronic Product Radiation Safety Standards Committee (TEPRSSC) member 2022 to present
- CRCPD Liaison to the American College of Radiology (ACR) 2015 to present
- CRCPD H-46 Committee on IEC Standards 2015 to present.
- CRCPD Healing Arts Council Chair 2020 to current and 2012 to 2015
- CRCPD H-57 Task Force on Survey Related to the American Board of Radiology Chair 2022 -2023
- CRCPD H-32 Committee on CT Chair 2007 to 2022

## **EDUCATION**

## Bachelor's Degree, Health Care Administration

PIMA INSTITUTE | Mesa, AZ

#### Associate Degree, Radiological Technology

MCLENNAN COMMUNITY COLLEGE | Waco, TX