Sara K Gering, RN CCRN

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Medical ICU RN

Camano Island, Washington, United StatesHospital & Health Care

Previous positions

Certified Nursing Assistant at Special Care Agency

Research Associate II at SNBL USA

Education

University of Providence, BSN, Nursing

Background

Summary

Critical care nurse with a unique background in both clinical and preclinical research.

Experience

Registered Nurse

Providence Health & Services

July 2017 – Present(2 years 4 months)Everett, Washington

August 2018-present - Medical Intensive Care Unit

July 2017-August 2018 - Medical/Renal/Telemetry unit

Certified Nursing Assistant

Special Care Agency

December 2015 – July 2017(1 year 7 months)Greater Seattle Area

• Work with high acuity pediatric clients; managing PEG tube feedings, BIPAP, and suctioning airways

• Nurse-delegated for a large number of tasks, including PEG tube replacement, PEG feedings, oropharyngeal suctioning, and use of BIPAP

Research Associate II

SNBL USA

June 2015 – October 2015(4 months)Everett, WA

• Performance of dosing, blood collection, and other technical procedures in multiple animal models

• Surgical research anesthetist trained in canine and infant NHP anesthesia

Research Associate I

SNBL USA, Ltd.

August 2013 – June 2015(1 year 10 months)Everett, WA

• Worked with a small team to pilot the study of Acute Radiation Syndrome and prophylactic measures for ARS in rhesus macaques at our facility

• Conducted GLP-compliant toxicology studies, primarily in non-human primate models, including blood draws, dosing, and telemetry

• Surgical research anesthesia, pre-operative care, and post-operative care for canine gene-therapy models.

Research Scientist, R&D

Healthy Pet

May 2012 – July 2013(1 year 2 months)Ferndale, WA

• New product development in the natural and organic pet products sector

• Established and maintained relationships with vendors and chemical suppliers

• Developed formal product quality assurance protocols, protocols for general laboratory processes, as well as QC protocols in support of an active production environment

• Developed and performed microbiological assays to regularly assess water quality in plant, formalizing water testing protocols

ESL Teacher

Global Education & Training Services

August 2011 – April 2012(8 months)Astana, Kazakhstan

• Taught IELTS essay composition classes.

• Planned and taught Conversational English clubs for university students.

Research Assistant

University of Missouri, Kansas City

July 2009 – July 2011(2 years)Kansas City, MO

• Managed a clinical study of several hundred patients, identifying eligible patients through review of medical records and adhering to HIPAA regulations

• Extracted medical information from institution/clinical records; enrolled and tracked study subjects; prepared study mailings; collected and entered data

• Developed pilot data for an R01 grant that was funded on its first submission.

• Provided training and oversight for Instron and Bose mechanical testing systems; designed new fixturing to meet our group's mechanical testing needs

• Implemented new databases for managing many aspects of NIH grant, including multiple personnel, large number of specimens, and simultaneous testing methods

• Project manager for 5 year NIH grant project, providing specimen management, data management, and general administration

Laboratory Technician (internship)

U.S. Army Medical Research Institute for Chemical Defense

May 2008 – August 2008(3 months)Aberdeen, Maryland

• Looked at the behavioral and physiological effects of nerve agent exposure (V agents, G Agents, NTA) at one of two facilities allowed in the USA.

• Investigated novel nerve agent treatments to nerve agent exposure on rats and guinea pigs.

• Performed IP injections, organ perfusion surgeries, and wireless EEG telemetry implantations and removal (4 electrodes, survival surgery)

Education

University of Providence

BSN, Nursing

2019 – 2020

University of Providence

Everett Community College

ADN, Nursing

2015 – 2017

Everett Community College

Activities and Societies

Student Nursing Organization

Ouachita Baptist University

B.S., Biology, Chemistry

2005 – 2009

Ouachita Baptist University

Activities and Societies

Alpha Chi National Honors Society, Ouachita Student Foundation, American Chemical Society

Languages

Russian

Limited working proficiency

Spanish

Limited working proficiency

Publications

Post-radiation Dental Lesion Severity: Association with Tooth-level Radiation Dose

Journal of Dental Research

2010

Objective: To evaluate the unique contribution of tooth-level radiation dose on the severity of post-radiation dental lesions Results: Subjects (31 females, 62 males), ranged in age from 18-82; a total of 1873 teeth were evaluated. Elapsed time since radiation varied from 1-133 mo; individual tooth-level radiation doses ranged from 0-79Gy. Results showed there was a significant effect of dose, elapsed time, fluoride frequency, and timeXoral hygiene on tooth destruction (MSS). Dose, elapsed time and timeXoral hygiene were significant factors associated with the restoration score (MRS). Conclusions: The evidence suggests that tooth-level radiation dose is linked to the severity of post-radiation lesions.

Authors (5): Sara K Gering, RN CCRN, Sara K Gering, RN CCRN, Sara K Gering, RN CCRN, Sara K Gering, RN CCRN, Sara K Gering, RN CCRN

Assessment of Modifications to Notched Triangular Prism Method

Journal of Dental Research

2010

Objective: Current fracture toughness protocols are not compatible with small dental specimens. To overcome this difficulty, the notched triangular prism (NTP) technique was developed. This technique simulates a standard chevron-notched short rod (CNSR) fracture toughness specimen using a small specimen size and uncomplicated geometry.

Authors (5): Sara K Gering, RN CCRN, Jennifer Keshwani, Sara K Gering, RN CCRN, Sara K Gering, RN CCRN, Sara K Gering, RN CCRN

Patents

Lightweight Cellulosic Pellet for Animal Bedding

us XXXXXXXXX

Inventors (4): Sara K Gering, RN CCRN, , ,

Skills & Expertise

Statistics

Assay Development

Toxicology

Data Analysis

Nursing

Nursing Process

Histology

Clinical Research

Microbiology

Biotechnology

Western Blotting

GLP

Certifications

Laboratory Animal Technician (LAT)

AALAS, License

October 2014

Assistant Laboratory Animal Technician (ALAT)

AALAS, License

March 2014

RN

Washington State Department of Social and Health Services, License

June 2017

Critical Care Registered Nurse (Adult) (CCRN-A)

AACN (American Association of Critical-Care Nurses), License

September 2019

Courses

Ouachita Baptist University

Quantitative Analysis

Bioethics

General Chemistry

Anatomy & Physiology

Organic Chemistry

Neuroscience

Cell & Molecular Biology