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10 September 2010

Jacqueline D. Cook
Senior Health Physicist
U.S. Nuclear Regulatory Commission, Region IV
Division of Nuclear Materials Safety
Licensing Assistant Section
Texas Health Resources Tower
612 E. Lamar Blvd, Suite 400
Arlington, TX 76011-4125

SUBJECT: NRC RAM License # 49-27629-01MD

Dear Ms. Cook:

PharmaLogic would like to amend US NRC Materials License # 49-27629-01MD to include the following changes:

- List Alan Marvin, RPh, ANP as an additional Authorized User

This individual has completed an Authorized User Course at Ohio State University in 2001. He has experience working as a nuclear pharmacist in Ohio State University Medical Center, Grant/Riverside Methodist Hospital and in Central Pharmacy Services Inc in Spokane, WA.

I have attached documentation on his training and experience.

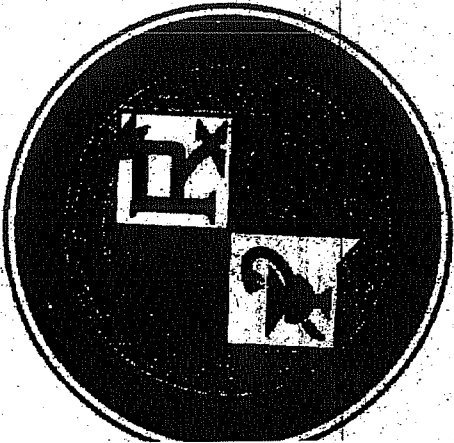
Thank you for your consideration of this amendment request. If there are any questions, please contact me at the telephone number listed below.

Sincerely,

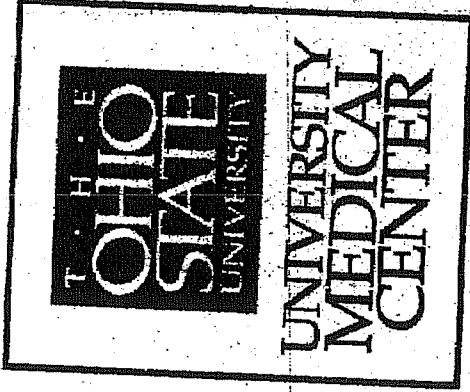
Gerard Strugala, RPh, BCNP
Vice President, Operations

PharmaLogic WY
3480 Trigood Drive ♦ Suite 2 ♦ Casper ♦ Wyoming 82609
307-261-7000 ♦ 307-261-9813 FAX

573479



The Ohio State University
College of Pharmacy
and
University Medical Center
Department of Pharmacy



By this certificate warrants that

Alan J. Marvin

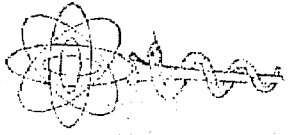
has satisfactorily fulfilled all requirements
and completed the prescribed course

Nuclear Pharmacy Certificate Program

February 9, 2001

George Z. Zivarte
Director, Nuclear Pharmacy
Associate Professor of Pharmacy

Alan G. ...
Executive Director
Council of Ohio Colleges of Pharmacy



John M. Conroy
Dean, College of Pharmacy

Philip C. Jabara
Chair, Pharmacy Practice
and Administration



College of Pharmacy
Division of Pharmacy Practice
and Administration
Phone 614-292-2775
FAX 614-292-1335

217 Lloyd M. Parks Hall
500 West 12th Avenue
Columbus, OH 43210-1291
Phone 614-292-2266
FAX 614-292-2588

February 10, 2001

Melanie Whitaker
Human Resources Department
Central Pharmacy Services, Inc.
1819 Peachtree Road, N.E.
Suite 609
Atlanta, GA 30309

Dear Melanie:

I am writing to report on the activities of Alan Marvin, a pharmacist employee of the Spokane Central Pharmacy, who participated in the Nuclear Pharmacy Certificate Program during January 8-February 9, 2001. As you know, Alan is a 1998 graduate of the University of Montana School of Pharmacy in Missoula, MT. He is a registered pharmacist who has been practicing as a staff pharmacist in Washington and Oregon since graduation. His decision to make a career in nuclear pharmacy has brought him to Columbus for the 33rd Nuclear Pharmacy Certificate Program.

Alan recently accepted the job at the Spokane nuclear pharmacy and, except for a couple of weeks working with Paul, his participation in the Nuclear Pharmacy Certificate Program was his first introduction to the practice of nuclear pharmacy. He was very quick to pick up on the laboratory activities and the didactic, classroom studies. He was one of the first of the group to go into a nuclear pharmacy setting to begin the preparation of kits and dispensing activities.

During Alan's stay in Columbus, he exemplified the qualities necessary to function in a nuclear pharmacy setting. He showed good attention to detail following directions in order to have good outcomes in any activity in which he was involved. Alan is well-organized, plans his activities in advance before starting a procedure that involves exposure to radiation. He is inquisitive-always expressing an interest in the topics for daily discussion sessions. He spent evenings working with nuclear medicine technologists who cover the late shift in the Division of Nuclear Medicine in order to have a better understanding of the use of radiopharmaceuticals in the clinical setting. This is very important for nuclear pharmacists who will be practicing in a centralized setting which may not allow time in a nuclear medicine setting for observation.

Alan is careful in his work environment. He took precautions to make certain his hands-on practice would not result in radiation contamination or unnecessary exposure to himself or co-workers. Alan interacted well with patients and always expressed a caring attitude in the clinical environment.

Alan immediately grasped the importance of learning as much as possible during his stay. He was very good about locating an activity in the Division of Nuclear Medicine that would provide a learning experience during "slow times" in the Nuclear Pharmacy Services. Alan spent extra hours with nuclear medicine technologists, nuclear medicine research staff and at film reading sessions with nuclear medicine physicians and nuclear cardiologists. In addition, he had the opportunity to visit and observe at two different stand-alone, outpatient clinics that provide nuclear medicine services. One of these facilities provides P.E.T. imaging services along with traditional nuclear medicine studies. He also completed an early-morning rotation at a cyclotron facility to observe the preparation and dispensing of P.E.T. radiopharmaceuticals.

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College of Pharmacy / College of Veterinary Medicine / School of Allied Medical Professions /
The Ohio State University Hospitals / The Arthur G. James Cancer Hospital and Research Institute

Melanie Whitaker
February 10, 2001
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Alan also had the opportunity to work some early morning hours at another hospital-based nuclear pharmacy in Columbus. The Grant/Riverside Methodist Hospital is one of our training sites in which two Board Certified nuclear pharmacists, John L. Hatch and Janet Robertson, work alongside the Nuclear Pharmacy Certificate Program attendees on a daily basis. The Grant/Riverside Nuclear Pharmacy supplies two different hospitals in Columbus with unit dose radiopharmaceuticals and John or Janet begin their workday at 4:00am.

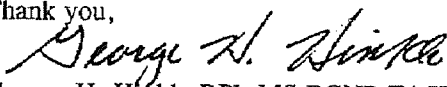
Alan devoted more hours than required for the completion of the Nuclear Pharmacy Certificate Program. As you know, a total of 214 hours is devoted to the didactic and laboratory sessions of the Program. Alan would consistently give 2-4 hours extra each day and spend time during the weekend working with nuclear pharmacists, nuclear medicine technologists or the research staff. The Division of Nuclear Medicine maintains regular weekend hours from 8:00am through 5:00pm both Saturday and Sunday. This provided more hands-on experience in the preparation and dispensing of radiopharmaceuticals as well as helping with the imaging procedures and working on research projects.

During the five weeks Alan was involved in the Nuclear Pharmacy Certificate Program, he completed a total of 152 additional hours of work with one of the following Board Certified Nuclear Pharmacists (George Hinkle, Steve Lefevre, John Hatch or Janet Robertson) learning the safe handling of radioactive materials involved with the preparation, dispensing and disposal of radioactive materials. Enclosed with this letter, you will find a daily summary of the activities in which Alan participated during his training.

In summary, Alan was a devoted Nuclear Pharmacy Certificate Program attendee. I appreciate the opportunity to be involved in the training of this nuclear pharmacist. I know Alan was looking forward to returning to Washington and joining the staff of the facility in Spokane. I hope he exceeds the expectations of the staff at the Spokane Central Pharmacy and the Atlanta offices of Central Pharmacy Services, Inc.

Please call if you have any questions concerning this information. I look forward to working with pharmacists from Central Pharmacy Services, Inc. throughout the coming year.

Thank you,



George H. Hinkle, RPh, MS, BCNP, FASHP, FAPhA
Pharmacy Practice & Administration Division
College of Pharmacy
The Ohio State University
Room 203D, Doan Hall
410 West Tenth Avenue
Columbus, OH 43210

office phone (614) 293-8751
FAX number (614) 293-2529
e-mail address: hinkle.5@osu.edu

Alan Marvin

THE OHIO STATE UNIVERSITY NUCLEAR PHARMACY CERTIFICATE PROGRAM
EXTRA HOURS SCHEDULE FOR THE PERIOD OF JANUARY 8, 2001 THROUGH FEBRUARY 9, 2001

MONDAY, January 8, 2001

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (2 hours)

Security of radioactive materials. N.R.C and institutional requirements and guidelines for safe use, storage and disposal of radioactive materials. (1 hour)

TUESDAY, January 9, 2001

Well counter calibration, Chi Square test and proper use for counting radioactive samples including wipe smear samples of radioactive material packages received in the Nuclear Pharmacy. Receipt of radioactive material packages, check-in procedures, surveys and record maintenance. (2 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (1 hour)

Security of radioactive materials. N.R.C and institutional requirements and guidelines for safe use, storage and disposal of radioactive materials. (1 hour)

WEDNESDAY, January 10, 2001

Shipping and receipt of radioactive material packages. Proper labeling, review of D.O.T. and N.R.C. regulations. Proper wipe smear testing of radioactive material packages. Placarding of transportation vehicles. Review of 10CFR Parts 19, 20 and 35. (2 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (2 hour)

THURSDAY, January 11, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. (2 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (2 hours)

FRIDAY, January 12, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (1 hour)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (2 hours)

Alan Marvin (continued)

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SATURDAY, January 13, 2001

Proper handling of radioactive materials including liquids, solids and gases. Hands-on experience with syringes using proper lead protective shielding. (3 hours)

Nuclear Pharmacy computer software instruction. (3 hours)

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (2 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (2 hours)

SUNDAY, January 14, 2001

Proper handling of radioactive materials including liquids, solids and gases. Hands-on experience with syringes using proper lead protective shielding. Nuclear Pharmacy computer software instruction. (6 hours)

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (2 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (3 hours)

MONDAY, January 15, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (2 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (2 hours)

TUESDAY, January 16, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (1 hour)

Dose calibrator quality assessment (constancy, geometrical variation, accuracy and linearity). Record maintenance requirements. (2 hours)

WEDNESDAY, January 17, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (1 hour)

Dose calibrator quality assessment (constancy, geometrical variation, accuracy and linearity). Record maintenance requirements. (2 hours)

Alan Marvin (continued)

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TUESDAY, January 18, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Assessment of daily radiopharmaceutical requirements. Review of drug orders (patient consults) for accuracy, history and proper procedure. Check for proper signature and ordering physician. (3 hours)

FRIDAY, January 19, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. Procedures for insuring correct dosage dispensed for patient. Review of procedures for preparation and dispensing of radiopharmaceuticals. Questioning of problematic nuclear medicine consults. (2 hours)

SATURDAY, January 20, 2001

Laboratory techniques/safety procedures review. Maintenance of the A.L.A.R.A. concept using time, distance, shielding and contamination control. Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (6 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (3 hours)

SUNDAY, January 21, 2001

Proper techniques for handling therapeutic radiopharmaceuticals. Procedures for dosing patients with iodine I-131 sodium iodide oral solution for therapy. Surveys of the patient for determination of exposure rate to general public. Review of N.R.C. and institutional requirements. (4 hours)

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (6 hours)

MONDAY, January 22, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

TUESDAY, January 23, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

WEDNESDAY, January 24, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

THURSDAY, January 25, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (2 hours)

Alan Marvin (continued)

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FRIDAY, January 26, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

SATURDAY, January 27, 2001

Radiation decontamination of the laboratory. Proper techniques for isolation, clean-up and notification of contamination. N.R.C. and institutional requirements for major and minor spills. Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. (6 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (3 hours)

SUNDAY, January 28, 2001

Requirements for bioassay. Proper techniques for thyroid uptake bioassay and urine bioassay procedures. Conversion of cpm to dpm and determination of "action levels". Record maintenance requirements for N.R.C. and institution. (4 hours)

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (3 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (3 hours)

MONDAY, January 29, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

TUESDAY, January 30, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

University Radiation Safety Committee attendance. (2 hours)

WEDNESDAY, January 31, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

THURSDAY, February 1, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

Alan Marvin (continued)

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FRIDAY, February 2, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (2 hours)

SATURDAY, February 3, 2001

Preparation of radiopharmaceutical for lymphoscintigraphy and intraoperative lymphatic mapping (I.L.M.) procedures. Research involving training of surgeons in proper injection techniques and comparison of radioactive counts using the intraoperative gamma detecting probe with the vital blue dye procedure. (3 hours)

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (2 hours)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (2 hours)

SUNDAY, February 4, 2001

Preparation of radiopharmaceutical for gastric emptying studies, gastrointestinal reflux, solid and liquid meals. (4 hours)

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance requirements. (1 hour)

Radiation contamination surveys. G-M survey meter calibration/check. Conducting area surveys. Recording results. Wipe smear sampling. Automatic well counter calibration and use. Conversion of cpm to dpm. Proper record maintenance. (3 hours)

MONDAY, February 5, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (2 hours)

Proper injection techniques and imaging procedures involving the research patient undergoing lymphoscintigraphy and I.L.M. of melanoma. Attendance at surgery during I.L.M. procedure. (2 hours)

TUESDAY, February 6, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (2 hours)

Practical Mo-99/Tc-99m generator kinetics. The importance of using "fresh" generator elutions for radiopharmaceutical kit preparation. (2 hours)

WEDNESDAY, February 7, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (3 hours)

Alan Marvin (continued)

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THURSDAY, February 8, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (2 hours)

FRIDAY, February 9, 2001

Elution of the Mo-99/Tc-99m radionuclide generator. Quality assessment of the generator eluate including Mo-99 levels, alumina content, pH and radioactive concentration. Record maintenance. Preparation and quality assessment of radiopharmaceuticals. Dispensing of unit dose radiopharmaceuticals. (2 hours)

Alan Marvin
4301 South Saltese Lake Road
Greentrees, Washington 99016
Home: (509) 927-4593 Cell: (208) 618-0312
email: alanmarvin@icehouse.net

Summary

Staff pharmacist with over ten years of experience in pharmacy providing medication to patients according to professional standards and practices.

- Excellent skills in researching information for patients and prescribers.
- Proficient in compounding and dispensing medications accurately and timely.
- Strong ability to read and interpret prescription orders.
- Excellent computer and data entry skills.
- Excellent ability to work well with others in busy/stressful environments.
- Sound ability to manage time and pharmacy staff.
- Sound ability to issue controlled medications and maintain accurate records.
- Excellent ability to communicate concisely with patients and staff.
- Excellent ability to work independently.

Professional Experience

Wal-Mart Pharmacy, Spokane Valley, WA 2006 - Present
Traveling Staff Pharmacist

-Provide relief work at various Wal-Mart pharmacies throughout Washington, Alaska, and Oregon.

-Coordinate the activities of pharmacy staff involved in the entry, filling, and labeling of medications for patients in accordance to the prescriber's prescriptions; ensure compliance with federal and state laws pertaining to the dispensing of prescription medications; ensure that controlled medications are dispensed accordingly and their proper record keeping is performed.

-Counsel patients in the proper use of prescription and over the counter medications, their most common side effects, and any potential drug-drug or drug-disease interactions.

-Maintain up to date and accurate patient records to ensure the patient is taking the most current drug regimen intended by the prescriber.

-Ensure that medication inventory is accurate and all controlled medications are checked in properly.

-Accurately check that the necessary prescription requirements are met to ensure the correct patient is receiving the proper medication, strength, and directions according to the prescription.

-Take prescription orders over the phone quickly and accurately.

Medco Health, Liberty Lake, WA
Mail order Pharmacist

2003-2006

-Provided data entry, managed care, and prescription discrepancy resolution at a mail-order pharmacy.

-Entered prescriptions to be mailed out to patients throughout the United States. Ensure that prescriptions that had a discrepancy were properly sent to the correct department for resolution.

-Conducted managed care for corporate EMOs to ensure that the patient was given the proper alternative medication according to formulary requirements, and perform the proper disclosure statements to comply with The Attorney General requirements. Screened patient records to ensure therapeutic interchange is appropriate.

-Contacted prescriber's to correct errors on prescriptions and to make the necessary changes to process the prescriptions.

CPSI, Spokane, WA
Nuclear Pharmacist

2001-2003

-Compounded radiopharmaceuticals according to manufacturer's labeling requirements. Labeled WBCs under sterile conditions while maintaining universal precautions. Ensured the proper dose of a radiopharmaceutical was dispensed using a dose calibrator.

-Checked in radioactive products when they were shipped to the lab. Performed measurements of radioactivity with Geiger counter to ensure it matched with the manufacturer's labeling, and did wipe test to ensure no radioactive leak occurred while in transit from the manufacturer to the nuclear pharmacy.

-Coordinated the activities of the pharmacy staff in the proper packaging and placard labeling of radiopharmaceuticals in accordance to NRC requirements before shipping to the customer.

-Ensured that radiation safety standards were met by the staff; proper lab attire: dosimetry, latex gloves and lab coats, using a Geiger counter when around known or suspected radioactive material, and monitoring dosimetry readings.

-Performed daily dose calibrator checks using standard radioactive sources and properly documenting the results.