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From the college

Dear Friends:



The University of Oklahoma College of Pharmacy Nuclear Pharmacy Programs has the primary missions of service, teaching and research.

The Nuclear Pharmacy Service Unit is one of three nuclear pharmacies in Oklahoma. The Pharmacy provides radiopharmaceutical services to 35 nuclear medicine departments in hospitals and out patient clinics throughout the greater metropolitan area. On the average 450 doses are compounded and dispensed daily. The radiochemistry is performed by a staff of 4 pharmacists, three of whom have been credentialed as Board Certified Nuclear Pharmacists. The pharmacy employs 7 full-time and 4 part-time nuclear pharmacy assistants. Currently there are 4 students employed as pharmacy interns.

The Nuclear Pharmacy provides a setting for hands-on experiential training to both undergraduate and graduate students. The training given in the pharmacy is an integral part of the College of Allied Health Nuclear Medicine program and the College of Medicine Nuclear Medicine Residency program. The Pharmacists participate in the training of cardiologists for certification by the Board of Nuclear Cardiology. The pharmacists also provide radiation safety and transportation education to affiliates in the metropolitan area on a continuing base. As the demand for nuclear pharmacists continues to grow, the number of College of Pharmacy graduates qualified as Nuclear Pharmacy Authorized Users has increased to meet the demand.

The Nuclear Pharmacy provides not only initial research efforts aimed at identifying novel diagnostic and treatment modalities but also provides the expertise necessary to clinically evaluate these radiopharmaceuticals. The Pharmacy provides generator and reactor radioisotopes to OUHSC investigators with a future goal of providing cyclotron products as well. Recently, the Nuclear Pharmacy participated in a SWOG phase II pilot trial involving Iodine-131 labeled monoclonal antibody for the treatment of Non-Hodgkin's Lymphoma.

Since 1977, the Nuclear Pharmacy has continued to be an integral part of the OU Health Sciences Center. The OU Nuclear Pharmacy offers pharmacy students the unique opportunity to receive nuclear pharmacy education and training on campus while pursuing their other academic endeavors.

The educational component of our Nuclear Pharmacy Programs is twofold: Nuclear Pharmacy Training and a Graduate Program to educate M.S. and Ph.D. students in Nuclear Pharmacy.

The Nuclear Pharmacist Training Program provides the education and training required by the Nuclear Regulatory Commission (NRC) and the State Board of Oklahoma to be an Authorized Nuclear Pharmacist or an "authorized user" (AU) of radioactive materials.

Three courses with 6 modules to span 12 months of instruction for a total of 9 credit hours will be required and they are:

- I. Radionuclide Methodology – PHSC 5324/PHAR 7324 – Starting in the Fall (3 modules) and a lab component.
- II. Nuclear Pharmacy – PHSC 5334/PHAR 7334 – Continues in the Spring (2 modules) and a lab component.
- III. Special Studies – PHSC 5990 – Use of Radiotracers in Biological and Medical Research - Summer (1 module)

In addition three (3) elective rotations in the nuclear pharmacy for a total of 480 hours of experiential training are required to satisfy the training program.



Graduate Programs in Nuclear Pharmacy include a Pharm.D./M.S. Graduate Program and a Ph.D. Program in Nuclear Pharmacy. Students enrolled in these programs will perform research in the areas of clinical nuclear pharmacy and radiopharmaceutical chemistry.

Sincerely,

Garo P. Basmadjian, Ph.D.
Professor of Medicinal Chemistry and Nuclear Pharmacy, Vice-Chair

Wendy Galbraith, Pharm. D., BCNP
Clinical Assistant Professor

Alumni News

- **Email Update from Kathy Collier ('94)**

Friends and classmates can contact Kathy via email at trcollier@cox.net

Job Openings

The University of Oklahoma College of Pharmacy, Oklahoma City

- Administrative Secretary
- Nutritionist
- Nuclear Staff Pharmacist
- Clinical Assistant Professor

The University of Oklahoma College of Pharmacy, Schusterman Center, Tulsa

- Clinical Assistant Professor;
- Clinical Assistant Professor

Eckerd Drug Company

- Pharmacist

Wal-Mart Stores, Inc

- Staff Pharmacist and/or Assistant Pharmacy Manager
- Staff Pharmacist