

**CLINICAL TOXICOLOGY FELLOWSHIP
MARYLAND POISON CENTER
UNIVERSITY OF MARYLAND SCHOOL OF PHARMACY**

GOAL

To train a Doctor of Pharmacy graduate to function in a professional, administrative and research capacity in a regional poison center, clinical toxicology service and/or academic environment.

OBJECTIVES

- develop expertise in poison information skills, emphasizing techniques in toxicology informatics, which will enable the fellow to retrieve and evaluate information in order to provide appropriate therapeutic recommendations to users of the Maryland Poison Center service (both health professionals and general public) as well as poison center staff
- develop a thorough knowledge of the pathophysiology, toxicity, assessment and treatment of common overdoses
- develop skills to critically evaluate the toxicology literature
- enhance verbal and written communication skills through interactions with users of the poison center service, in-person consultations with health practitioners and contributions to ToxAlert, ToxTidbits and professional journals
- develop teaching skills by participating in didactic and experiential education of students, residents, faculty, poison center staff and health care practitioners at health care facilities throughout the state of Maryland
- develop management skills to enable the fellow to manage a poison center or a clinical toxicology consulting program
- develop skills to design, implement and analyze toxicology research projects
- develop skills to disseminate research activities at scientific meetings and through publication

PROGRAM DESIGN

The first year of the fellowship will primarily involve developing expertise in clinical toxicology with the majority of time spent in service, teaching and management activities. During the second year the fellow will concentrate primarily on research with a smaller component of time spent on other activities.

SITE

The fellowship is at the Maryland Poison Center which is administratively part of the Department of Pharmacy Practice and Science at the University of Maryland, School of Pharmacy. Additional rotation sites include the Drug Information Center, University of Maryland Medical System (Emergency Medicine; Pediatrics, Surgery), Johns Hopkins Hospital (Emergency Medicine), Maryland Institute of Emergency Medical Services Systems (MIEMSS) and other hospitals in Maryland. Opportunities exist to spend some time at other nearby poison centers.

PROGRAM FACULTY

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