

Drug & Poison Information Center

DIVISION PROFILE

Number of Faculty	7
Number of Joint Appointment Faculty	3
Number of Fellows	
Clinical Fellows	1
Number of Other Students (full and part-time)	79
Number of Support Personnel	65
Annual Total Grant Support (direct)	\$779,624
Number of Peer Reviewed Publications	2
Patient Encounters	
Outpatient	152,037

FACULTY LISTING

G. Randall Bond, MD, Professor, DPIC Executive Medical Director
Earl G. Siegel, PharmD, Adjunct Professor, DPIC Co-Director
Robert Goetz, PharmD, Adjunct Assistant Professor
Eljorn Don Nelson, PharmD, Adjunct Professor
Marsha A. Polk, HPT, Lecturer, Associate Director
Jan Scaglione, PharmD, Adjunct Assistant Professor
Gaylene B. Tsipis, MS, BS Pharm, Adjunct Assistant Professor, DPIC Co-Director

FACULTY JOINT APPOINTMENT LISTING

Laurie Gesell, MD, Asst. Professor, On-Call Toxicologist
Edward B. Otten, MD, Professor, Associate Medical Director
Curtis Snook, MD, Associate Professor, On-Call Toxicologist

OVERVIEW

The missions of the Drug & Poison Information Center will prevent or decrease the incidence and consequences of poisonings, drug abuse, misuse and adverse drug events, terrorism and related public health concerns through an evidence-based approach to surveillance, education and information dissemination to consumers, health care professionals, industries and the communities we serve.

These missions will be accomplished by providing timely and readily accessible informational responses when exposures occur; developing and implementing educational programs on poison and drug abuse prevention; consulting with industry; and serving as an informational resource for health professionals and hospitals in serving patients. Our vision is to be a world leader for excellence in providing poison control, drug abuse prevention services, drug and health information, and supportive business ventures.

With 24 pharmacists or nurse American Association of Poison Control Center Certified Specialists in Poison Information (CSPI's), DPIC is one of the largest poison control centers in the country. In addition to poison control services, the staff also provides drug information, drug abuse prevention and education, industry contract services and education of all levels of health professions students.

The Drug & Poison Information Center has provided drug and toxicology information to the health care professionals and consumers in its region for over 40 years. During this time, it has served as an educational site in the areas of toxicology, drug information and drug abuse prevention for medical and pharmacy students, residents and fellows through a variety of settings.



*Left to Right: (1st row) E. Otten, M. Polk, G.R. Bond
(2nd row) J. Scaglione, R. Goetz, E. Siegel, G. Tsipis*

HIGHLIGHTS

The DPIC served a population of 4.7 million in 38 Ohio counties. World events have continued to reinforce and define our community and public health services. The DPIC continued its collaboration with the Regional Medical Response Systems, various county disaster committees, and the Ohio Department of Health's Disaster Preparedness and Response program, including working with Ohio's "Health Alert Network" to send out Alert faxes to 78 regional hospitals on subjects such as Smallpox, SARS, West Nile Virus. Additional hot topics included prescription drug abuse, Monkeypox, toxic space shuttle parts, tailgate terrorists and the proliferation of clandestine methamphetamine labs across Ohio. Additional highlights include:

- The American Association of Poison Control Center Certified Specialists in Poison Information exam was successfully passed by three of our pharmacist and nurse emergency phone handlers.
- Our program was honored with a visit from the "Drug Czar" John P. Walters, Director of the White House Office for National Drug Control Policy.
- Representatives from the Cincinnati Drug and Poison Center (DPIC) were invited to participate in the National Community Epidemiology Work Group (CEWG). CEWG is supported by the National Institute on Drug Abuse (NIDA), part of the National Institutes of Health (NIH) under the U.S. Department of Health and Human Services. CEWG members, comprised of researchers from major metropolitan areas in the U.S., have been meeting semiannually since 1976 to discuss epidemiology of drug abuse through available quantitative and qualitative data sources. Drs. Randall Bond and Jan Scaglione participated to represent the Cincinnati area.
- DPIC in collaboration with Dr. Nathan Timm of Emergency Medicine received HRSA capital support for telecommunication equipment to enable our Mobile Van for handling emergency calls from alternate or mobile sites in an emergency or compromised equipment situation.
- DPIC staff had significant involvement in three different mass exposures involving styrene, butyl mercaptan and hydrogen sulfide.

- DPIC interfaced with the public health infrastructure to assist with a regional distribution plan involving Nerve Gas as a weapon of mass destruction and antidotal ChemPacks.
- DPIC's Medical Director Dr. Randall Bond was elected to Chair the Medical Toxicology Sub-Specialty Board.

TABLE OF CLINICAL DATA

The data in this section pertain to DPIC's 24-hour emergency and information hotline service. Cases entitled "Exposures" include those involving patients who have either accidentally or intentionally swallowed, inhaled, injected or splashed on themselves a substance that might be toxic. "Questions" or drug abuse/drug information cases cover a broad range of drug and chemical topics.

CALLS

Exposures (Local, Akron, Toledo regions)	44,544
Questions (Local, Akron, Toledo regions)	107,515

Exposure Categories	Children Under Six Years (%)	Adults and Children Six Years or Older (%)
Drugs	46.6	58.8
Personal Care	12.1	3.9
Alcohol/Tobacco	2.1	3.6
Gases/Environmental/Worksite	2.1	7.4
Pesticides	4.8	3.3
Paints/Glues/Solvents/Offices Products	4.3	2.6
Automotive Products	2.6	3.8
Food Poisoning	1.4	3.5
Cleaners/Household	11.2	6.0
Plants	4.0	1.7
Animal/Insect Bites/Parts/Excretion	0.6	2.1
Other	8.2	3.3
	100.0	100.0

TRAINING

Michael Policastro, MD

PGY-IV University of Cincinnati

GRANTS, CONTRACTS AND INDUSTRY AGREEMENTS

Grant and Contract Awards

Annual Direct/Project Period Direct

Siegel, E

Warm-Line for African Americans

Health Resources and Services Administration

H4B HS 05458 09/01/05 – 08/31/07

\$90,909/\$181,818

Hamilton County Alcohol and Drug Addiction Services Board

Ohio Department of Alcohol and Drug Addiction Services (Hamilton County)

07/01/05 – 06/30/06

\$335,923

PCC Stabilization Grant

Health Resources and Services Administration

H4B HS 00040 09/01/04 – 08/31/07

\$266,792/\$880,413

Toxicological Resource for Terrorist Events

Ohio Department of Health (Children's Hospital Columbus subcontract)

04/01/03 – 08/31/06

\$86,000/\$340,750

Current Year Direct

\$779,624

Industry Contracts

Current Year Direct Receipts \$0

TOTAL \$779,624

PUBLICATIONS

1. Bond GR. A new acetaminophen nomogram with a different purpose. *Ann Emerg Med* 2005;46(3):272-4.
2. Bond GR. Antimalarial agents. In: Goldfrank LR, Flomenbaum N, editors. *Goldfrank's toxicologic emergencies* 8th ed. New York: McGraw-Hill, Medical Pub. Division; 2006. p. 876-886.