

# Drug & Poison Information Center

## DIVISION PROFILE

Number of Faculty	10
Number of Other Students (full and part-time)	80
Number of Support Personnel	59
Annual Total Grant Support (direct)	\$1,290,185
Number of Peer Reviewed Publications	5
Patient Encounters	
Outpatient	121,994
Inpatient	

## FACULTY LISTING

**G. Randall Bond, MD**, Professor, DPIC Executive Medical Director  
**Laurie Gesell, MD**, Asst. Professor, On-Call Toxicologist  
**Robert Goetz, PharmD**, Adjunct Asst. Professor  
**Eljorn Don Nelson, PharmD**, Professor  
**Edward B. Otten, MD**, Professor, Associate Medical Director  
**Marsha A. Polk, HPT**, Lecturer, Associate Director  
**Jan Scaglione, PharmD**, Adjunct Asst. Professor  
**Earl G. Siegel, PharmD**, Professor, DPIC Co-Director  
**Curtis Snook, MD**, Assoc. Professor, On-Call Toxicologist  
**Gaylene B. Tsipis, MS, BS Pharm**, Adjunct Asst. Professor, DPIC Co-Director

## OVERVIEW

The missions of the Cincinnati Drug & Poison Information Center (DPIC) are to (a) help prevent poison or drug exposures from becoming life threatening for the people living in the Center's service area and (b) decrease the incidence of drug abuse, chemical dependency and misuse.

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 until there is a drug free world and homes are poison proof, there is the Cincinnati Drug & Poison Information Center.

With 26 pharmacist 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 35 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: (1<sup>st</sup> row) J. Scaglione, G. Tsipis, E. Otten,  
(2<sup>nd</sup> row) E. Siegel, M. Polk, G.R. Bond, S. Bryant***

## HIGHLIGHTS

The DPIC serves 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, and 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:

- Two of our Certified Specialists in Poison Information, Rob Goetz, PharmD and Jan Scaglione, PharmD, successfully sat for an exam to become Diplomates of the American Board of Applied Toxicology.
- Rachel Sweeney, RN, Lisa Nelson, RN, Debra Donald and Frank Quattrone, RN successfully completed the exam to become Certified Specialists in Poison Information.
- Ms. Marsha Polk, founder and Director of the DPIC's Prevention Research Unit, was chosen to receive the Walter Corbean Award. This award was established by the Alcoholism Council, along with the Cincinnati Chapter of the National Black Alcoholism Council to recognize those who have made contributions to suffering alcoholics/addicts, and particularly, have provided assistance to the recovery of African-American alcoholics and their families.
- Through a grant from the Cincinnati Health Foundation, the DPIC was able to hire its first bilingual nurse to help meet the needs of the local Hispanic community. Ms. Irena Villavicencio has been active in the DPIC's drug abuse prevention and education services.
- The Tobacco Quit Line (636-KICK) which is part of the Smoke Less Hamilton County grant received by the Hamilton County General Health District through the Tobacco Use Prevention and Control Foundation. The grant supports outreach prevention services in schools with the Quit Line providing additional information to those trying to kick the smoking habit.
- A disease reporting hot line has been established through cooperative funding from the Cincinnati Health Department and Hamilton County General Health District to provide after hours support for local health departments

- The Hamilton County Alcohol and Drug Addiction Services Board funded the purchase of a new NoMAD (No More Alcohol and Drugs) van. Over the past 12 years, "Taking the information to the people" has been the hallmark of NoMAD and its dedicated crew. The current NoMAD has been a highly visible resource for providing outreach programs/materials wherever they are needed in Hamilton County. NoMAD II will continue this legacy while bringing an expanded array of information and capability to the communities it serves.
- DPIC welcomed back Dr. Curtis Snook, a 1993 graduate of the U. of Cincinnati, College of Medicine's Toxicology Fellowship, from his seven-year stint as the Medical Director of the Iceland Poison Control Center in Reykjavik, Iceland. Dr. Snook is currently the Associate Director, Division of Toxicology, The University Hospital Department of Emergency Medicine. Dr. Snook brings additional breadth and depth to our region's already impressive group of physician toxicologists.
- Dr. Randall Bond, our Medical Director, presented a lecture series at the "International Clinical Toxicology Course" in Saudi Arabia

## 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)	44,039
Questions (Local, Akron, Toledo regions)	77,955

### EXPOSURE CATEGORIES

	Children Under Six Years (%)	Adults and Children Six Years or Older (%)
Drugs	45.9	56.2
Personal Care	12.4	4.3
Alcohol/Tobacco	1.9	3.2
Gases/Environmental/Worksite	2.0	7.5
Pesticides	5.4	3.5
Paints/Glues/Solvents/Offices Products	4.6	3.0
Automotive Products	2.6	3.8
Food Poisoning	1.4	2.9
Cleaners/Household	11.2	6.5
Plants	5.1	3.7
Animal/Insect Bites/Parts/Excretion	0.7	3.0
Other	7.7	2.4
	100.0	100.0

## GRANTS, CONTRACTS AND INDUSTRY AGREEMENTS

### Grant and Contract Awards

### Annual Direct/Project Period Direct

Polk, M

#### Responding to Every Adolescent's Cry for Help (REACH)

Ohio Department of Alcohol and Drug Addiction Services (Hamilton County)  
31-31991-02-DFS-P-98 07/01/03 – 06/30/04

\$90,000

#### Maintaining African-American Traditions (MAAT)

Ohio Department of Alcohol and Drug Addiction Services (Hamilton County)  
31-08188-00YMENT-P-02-0255 07/01/03 – 06/30/04

\$38,500

**Proper Restraints Usage Education (PREP)**

Ohio Department of Public Safety

4169

10/01/03 – 09/30/04

\$30,575

Siegel, E

**Incentive Grant – Substance Abuse Prevention**

Health Resources and Services Administration

H4B MC 00948

09/01/03 – 08/31/05

\$136,800/\$273,164

**Hamilton County Alcohol and Drug Addiction Services Board**

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

07/01/03 – 06/30/04

\$210,240

**PCC Stabilization Grant**

Health Resources and Services Administration

H4B MC 00040

09/01/01 – 08/31/04

\$277,653/\$727,740

**Toxicological Resource for Terrorist Events**

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

04/01/03 – 08/31/04

\$71,750/\$131,750

**Ohio Poison Control Network**

Ohio Department of Health

31-3-001-2-BO

07/01/98 – 06/30/04

\$388,000/\$1,214,949

**Health Care Facilities & Other Construction**

Health Resources and Services Administration (Cleveland Rainbow Babies subcontract)

C76 HF00197

07/01/03 – 06/30/04

\$46,667/\$140,000

**Current Year Direct****\$1,290,185****Industry Contracts****Current Year Direct Receipts****\$0****TOTAL****\$1,290,185****PUBLICATIONS**

1. **Bond GR.** Home syrup of ipecac use does not reduce emergency department use or improve outcome. Pediatrics 2003;112(5):1061-4.
2. **Bond GR, Steele PE, Uges DR.** Massive venlafaxine overdose resulted in a false positive Abbott AxSYM urine immunoassay for phencyclidine. J Toxicol Clin Toxicol 2003;41(7):999-1002.
3. **Bond GR.** Reduced toxicity of acetaminophen in children: it's the liver. J Toxicol Clin Toxicol 2004;42(2):149-52.
4. Sztajnkrzyer MD, Otten EJ, **Bond GR**, Lindsell CJ, Goetz RJ. Mitigation of pennyroyal oil hepatotoxicity in the mouse. Acad Emerg Med 2003;10(10):1024-8.
5. Wax PM, Ford MD, **Bond GR**, Kilbourne EM, Walter FG, Avery AN, Clark RF, Jr., Liebelt EL. The core content of medical toxicology. Ann Emerg Med 2004;43(2):209-214.