

Drug and Poison Information Center

Division Photo



Division Data Summary

Research and Training Details

Number of Faculty	7
Number of Joint Appointment Faculty	2
Number of Support Personnel	103
Direct Annual Grant Support	\$861,554
Peer Reviewed Publications	5

Clinical Activities and Training

Number of Other Students	99
Outpatient Encounters	187631

Division Highlights

Real Time Disease Detection

Allowed for the establishment of a statewide early warning surveillance system. Improved collaboration between the three poison centers of Ohio and local and state public health entities. Allowed for the exploration of Interactive Voice Recognition (IVR) tools for medical identification and possible public health usage to expand surge capacity

People of Color Wellness Alliance

POCWA was formed to respond to health disparities and wellness issues prevalent among African Americans and other minorities in Hamilton County and to eliminate barriers between providers and people needing services.

Division Collaboration

Collaboration with Children's Hospital Administrative Services (CHAS); Drug and Poison Information Center

Collaborating Faculty: Michele Fronchiewicz, MBA; Earl Siegel, Pharm. D.

Enhanced Surge Capacity for Emergency Assistance Management (SCREAM)

Collaboration with Emergency Medicine; Drug and Poison Information Center

Collaborating Faculty: Mike Gittelman, MD; Earl Siegel, Pharm.D. and Randall Bond MD

Interfaced to provide lectures and experiential training about substance abuse and poison prevention for over 50 pediatric residents as part of their injury prevention curriculum.

Faculty Members

G. Randall Bond, MD, Professor ; *DPIC Executive Medical Director*

Research Interests: Acetaminophen and pediatric cold medicine toxicity and drug abuse epidemiology

Earl G. Siegel, PharmD, Adjunct Professor ; *DPIC Co-Director*

Research Interests: Inhalant abuse and substance abuse and poison control prevention

Gaylene B. Tsisipis, MS, BS Pharm, Adjunct Assistant Professor ; *DPIC Co-Director*

Research Interests: Geriatric drug use and medication error prevention

Robert Goetz, PharmD, Adjunct Assistant Professor

Research Interests: Drug information, toxicology and CYP 450

Eljorn Don Nelson, PharmD, Adjunct Assistant Professor

Research Interests: Substance abuse pharmacology

Marsha Polk, HPT, Instructor ; *Associate Director*

Research Interests: Community prevention, wellness issues and health disparities

Jan Scaglione, PharmD, Adjunct Assistant Professor

Research Interests: Substance abuse epidemiology and toxicology

Joint Appointment Faculty Members

Edward Otten, MD, Professor

Emergency Medicine

Toxicology and toxinology

Curtis Snook, MD, Associate Professor Clinical

Emergency Medicine (UC)

Disaster preparedness and toxicology

Significant Accomplishments

Certified Regional Poison Control Center 24/7 Hotline Drug and Poison Information Center (DPIC)

The DPIC served a population of 3.7 million in 20 Ohio counties. With 25 American Association of Poison Control Center Certified Specialists in Poison Information and 51 staff certified in National Incident Management Systems DPIC is one of the largest Centers in the country. World events have continued to reinforce and define our community and public health services. The DPIC continued its collaborations with Regional Medical Response Systems, various county disaster committees and the Ohio Department of Health's Disaster Preparedness and Response program, including working with a Health Alert Network to send out Alert faxes to 60 regional hospitals on subjects such as swine H1N1 flu, blue green algae in the river and contaminated heroin. This year the Center for Disease Control Real Time Disease Detection Grant allowed further contribution on how poison control data may potentially provide toxicosurveillance on a variety of public health problems such as food poisoning, water quality, substance abuse patterns and terrorism preparedness.

Prevention Research Unit (PRU)

The Prevention Research Unit of the DPIC implements programming to promote healthy drug free lifestyles. Program services involve youth, parents, and members of the community. The staff of the Prevention Research Unit includes prevention specialists and other professionals (e.g. health educators, pharmacists, other health care professionals, military personnel and law enforcement officers) who also serve as positive role models in the community. Over 500,000 individuals in HamiltonCounty have benefited from services provided by the Prevention Research Unit. Approximately 3,500 community residents have received intense substance abuse prevention and education services. The Prevention Research Unit also provides programming to address delinquency prevention and violence prevention issues among African-American youth populations. Other services provided by this community activity division of DPIC include the REACH and NOMAD projects. Additionally the Office of National Drug Control Policies (ONDCP) has supported a People of Color Wellness Alliance Coalition Grant and a Grassroots Urban Mobilization Benefiting Ohio initiative to respond to health disparities and wellness issues prevalent among African American and other minorities in HamiltonCounty.

Division Publications

1. Bailey JE, Campagna E, Dart RC. [The underrecognized toll of prescription opioid abuse on young children](#) . *Ann Emerg Med.* 2009; 53: 419-24.
2. Dart RC, Paul IM, Bond GR, Winston DC, Manoguerra AS, Palmer RB, Kauffman RE, Banner W, Green JL, Rumack BH. [Pediatric fatalities associated with over the counter \(nonprescription\) cough and cold medications](#) . *Ann Emerg Med.* 2009; 53: 411-7.
3. Tzimenatos L, Bond GR. [Severe injury or death in young children from therapeutic errors: a summary of 238 cases from the American Association of Poison Control Centers](#) . *Clin Toxicol (Phila).* 2009; 47: 348-54.
4. Bond GR. [Acetaminophen protein adducts: a review](#) . *Clin Toxicol (Phila).* 2009; 47: 2-7.
5. Bond GR, Pieche S, Sonicki Z, Gamaluddin H, El Guindi M, Sakr M, El Seddawy A, Abouzaid M, Youssef A. [A clinical decision aid for triage of children younger than 5 years and with organophosphate or carbamate insecticide exposure in developing countries](#) . *Ann Emerg Med.* 2008; 52: 617-22.

Grants, Contracts, and Industry Agreements

Grant and Contract Awards

Annual Direct / Project Period Direct

POLK, M

Drug Free Communities Support Project - People of Color Wellness Alliance

Substance Abuse and Mental Health Svc Admin

H79 SP 014669

09/30/08 - 09/29/13

\$123,330 / \$623,330

SIEGEL, E

Poison Control Stabilization Grant

Health Resources and Services Administration

H4BHS00040-08

09/01/04 - 08/31/10

\$289,509 / \$880,413

Toxicological Resource for Terrorist Events

Ohio Department of Health (The Research Institute at Nationwide Children's Hospital)

S31-03-01-P-DW-392

04/01/03 - 08/08/09

\$71,667 / \$498,417

Water Sentinel Pilot Utility

US Environmental Protection Agency

EP07C000120

04/01/07 - 06/30/09

\$46,200 / \$102,200

Ohio Poison Control Partnership for Early Event Surveillance

Ohio Department of Health (The Research Institute at Nationwide Children's Hospital)

02530012PC0109

10/01/08 - 09/30/09

\$330,848 / \$330,848

Current Year Direct

\$861,554

Total \$ 861,554