

# 2014 Research Annual Report

## Drug and Poison Information Center



### Center Summary

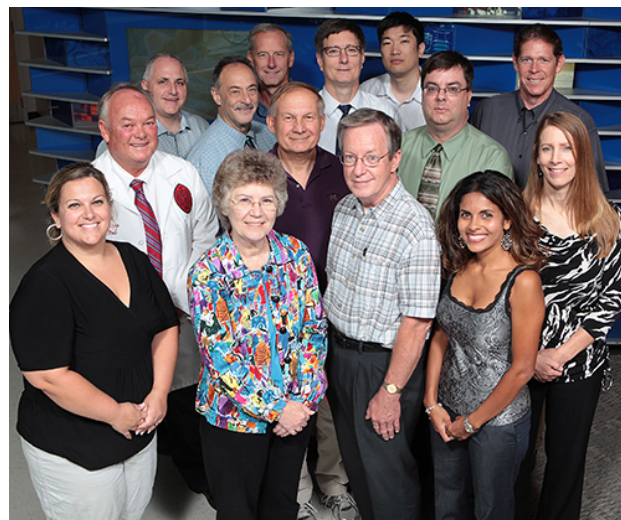
#### RESEARCH AND TRAINING DETAILS

Number of Faculty	10
Number of Joint Appointment Faculty	5
Number of Support Personnel	155
Direct Annual Grant Support	\$274,697
Peer Reviewed Publications	1

#### CLINICAL ACTIVITIES AND TRAINING

Number of Other Students	69
Outpatient Encounters	81,946

### Center Photo



Row 1: A Behrman, G Tsipis, E Chaffin, S Goertemoeller  
Row 2: E Nelson, E Otten, T Carson, J Scaglione  
Row 3: G Galletta, E Siegel, J Schmees, R Goetz, S Yin, D Petersen

## Significant Accomplishments

### Protecting the Public

With 30 certified specialists in poison information and 51 staff certified in national incident management systems, our Drug and Poison Information Center is one of the largest in the country. This year after the closing of the Northern Ohio Poison Center our Center now serves a combined population of 5.8 million Ohioans. Our Center regularly collaborates with county, regional and statewide medical response and disaster preparedness programs. We also support the Ohio Disease Reporting Hotline. Additionally, the Center has acted as the 24-hour Disease Reporting Line for the World Choir games. Our Health Alert Network has sent alert faxes to 70 regional hospitals on subjects ranging from blue green algae in local rivers to fentanyl contaminated heroin. Our team also continues to gather and evaluate safety data on public health issues such as poisoning, water quality, common household detergents, alcohol sanitizers and terrorism preparedness as well as offer a broad range of safety services to the pharmaceutical industry.

### Community Outreach and Education

Our Center continued to promote healthy drug-free lifestyles to youth, parents and communities. Our staff includes prevention specialists, health educators, pharmacists, and other health care professionals working as positive role models. Last year, more than 27,000 people in Hamilton County benefitted from services including delinquency and violence prevention, positive life skills, health promotion and community engagement issues among African-American youth populations and other disparate populations. Our Center also was instrumental in the development of City Camp and the Cincinnati Police Department's latest youth

intervention program: Hoops Hope and Health (H3). As a founding partner, we also continue to support the People of Color Wellness Alliance Coalition and the Grassroots Urban Mobilization Benefitting Ohio initiatives to respond to health and wellness issues prevalent among disparate populations in Hamilton County. Through multiple newsletters, blogs and websites our Center was active in lay and professional education about poison hazards.

## Research Highlights

### Medical Vigilance Services

The Center's Medical Vigilance Services Unit interfaces safety surveillance with the drug industry and continues to show significant growth. Services include medical communications, adverse event collection and patient management, product complaint and quality management, safety-related protocol development, technical and customer support. Specialized safety and medcom databases have been added. In addition, real time web "chat" services are offered for the retail pharmacy industry.

## Division Publications

1. Beauchamp GA, Ho ML, Yin S. **Variation in Suicide Occurrence by Day and during Major American Holidays**. *J Emerg Med*. 2014; 46:776-81.

## Faculty, Staff, and Trainees

### Faculty Members

**Shan Yin, MD**, Assistant Professor

**Leadership** DPIC Executive Medical Director

**Research Interests** Child Abuse via Poisoning or Medication Admin

**Earl G. Siegel, PharmD**, Adjunct

**Leadership** DPIC Director

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

**Jon Colvin, BS, MS**, Adjunct

**Leadership** Asst. Director

**Research Interests** Threat Assessment and Public Health

**Robert Goetz, PharmD**, Adjunct

**Research Interests** Drug information, toxicology and CYP 450

**Eljorn Don Nelson, PharmD**, Adjunct

**Research Interests** Substance abuse pharmacology

**Marsha Polk, HPT**, Instructor

**Leadership** Associate Director

**Research Interests** Community prevention, wellness issues and health disparities

**Jan Scaglione, PharmD**, Adjunct

**Research Interests** Substance abuse epidemiology and toxicology

**Alysha Behrman, BS Nursing**, Professor

**Leadership** DPIC Hotline Manager

**Research Interests** Toxicity and Drug Abuse

**Jeffrey Schmees, BS Pharm**, Adjunct

**Leadership** Managing Director PVMC

**Research Interests** Pharmacovigilance and Clinical Drug Safety

#### Joint Appointment Faculty Members

**Edward Otten, MD**, Professor (Emergency Medicine)

**Research Interests** Toxicology and toxinology

**Curtis Snook, MD**, Associate Professor (Emergency Medicine (VA))

**Research Interests** Disaster preparedness and toxicology

**Dan Petersen, Ph. D**, Adjunct (College of Medicine (UC))

**Research Interests** Plants, Environmental Toxins; Metabolism

**Leslie Dye, MD**, Adjunct (Emerg Med. Clinton County)

**Research Interests** Medical Toxicology

## Division Collaboration

DPIC houses the Ouch/Safety Line

**Employee Health** » Terri Thrasher, RN, MSN

Lectures and Experiential Activities for CCIC and the Injury Prevention Curriculum

**Emergency Medicine** » Mike A. Gittelman, MD

## Grants, Contracts, and Industry Agreements

Grant and Contract Awards

Annual Direct

SIEGEL, E

#### Poison Control Bioterrorism Preparedness

Ohio Department of Health(Cleveland Rainbow Babies)

07/01/12-06/30/13

\$71,668

#### Poison Control Stabilization and Enhancement Program

Health Resources & Services Administration

H4BHS15468

09/01/09-08/31/14

\$203,029

Current Year Direct

\$274,697

Total

\$274,697