

Pediatric General and Thoracic Surgery

Division Photo



Standing: F. Lim, T. Crombleholme, A. Pena, V. Garcia, M. Alonzo, J. Frischer, R. Falcone, M. Helmraath, S. Barnett, T. Jenkins, S. Keswani, M. Levitt, T. Inge

Seated: F. Ryckman, D. vonAllmen

Not Pictured: R. Brown, R. Dasgupta, M. Habli, G. Tiao, J. Nathan

Division Data Summary

Research and Training Details

Number of Faculty	25
Number of Research Fellows	6
Number of Support Personnel	18
Direct Annual Grant Support	\$2,628,789
Direct Annual Industry Support	\$25,504
Peer Reviewed Publications	6

Clinical Activities and Training

Number of Clinical Staff	40
Number of Clinical Fellows	8
Inpatient Encounters	4,990
Outpatient Encounters	10,342

Faculty Members

Richard G. Azizkhan, MD, Professor ; *Surgeon-in-Chief, Division Director*

Maria H. Alonso, MD, Associate Professor ; *Surgical Associate Director, Liver Transplant; Surgical Director, Kidney Transplant*

Denis D. Bensard, MD, Professor ; *Director, Pediatric Surgery, St. Vincent Children's Hospital*

Rebecca L. Brown, MD, Associate Professor ; *Associate Director, Trauma Services*

Timothy M. Crombleholme, MD, Professor ; *Obstetrics/Gynecology, and Pediatrics, Director, Fetal Care Center of Cincinnati*

A. Roshni Dasgupta, MD, Assistant Professor

Richard A. Falcone, MD, MPH, Assistant Professor ; *Director, Trauma Services, ECMO Director, Associate Program Director-Fellowship*

Victor F. Garcia, MD, Professor ; *Director, Trauma Services; Associate Surgical Director, Comprehensive Weight Management Center*

Richard J. Hendrickson, MD, Assistant Professor ; *Associate Director, Pediatric Surgery, St. Vincent Children's Hospital*

Thomas H. Inge, MD, PhD, Associate Professor ; *Surgical Director, Comprehensive Weight Management Center*

Marc A. Levitt, MD, Associate Professor ; *Associate Director, Colorectal Center for Children*

Foong-Yen Lim, MD, Assistant Professor

Alberto Peña, MD, Professor ; *Director, Colorectal Center for Children*

Frederick C. Ryckman, MD, Professor ; *Surgical Director, Liver Transplant; Clinical Director*

Gregory M. Tiao, MD, Associate Professor ; *Associate Program Director, Fellowship*

Jason S. Frischer, MD, Assistant Professor

Evan R. Kokoska, MD, Associate Professor

Todd M. Jenkins, PhD, Instructor

Joint Appointment Faculty Members

Jeffrey Livingston, MD, Associate Professor
Maternal Fetal Medicine

Trainees

- **Sean Barnett, MD**, PL-9, University of Minnesota
- **Timothy Lee, MD**, PL-8, Baylor College of Medicine

Significant Accomplishments

Molecular Fetal Lab

Timothy Crombleholme, MD, continues his research in wound healing and fetal cellular and molecular therapeutics. Crombleholme is director, Surgical Research and associate chair of the Children's Hospital Research Foundation and the medical director of the Fetal Care Center.

Trauma

Richard Falcone, MD, received state and local funding for his work in trauma epidemiology, education and prevention. Falcone directs the division's Trauma and Injury Prevention Program.

Intestinal rehabilitation

Michael Helmath, MS, MD, an expert in intestinal rehabilitation, conducts basic research into intestinal failure and intestinal stem cells. With an NIH-funded R01 grant, he is studying the mechanisms of intestinal stem cell expansion following resection. His goal is to understand how intestinal stem cells continually renew the lining of the intestine following intestinal loss.

Bariatric Surgery

The Center for Bariatric Research and Innovation, directed by Thomas Inge, MD, PhD, continued its partnership with the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) to gather data and publish recommendations on the use of weight loss surgery in adolescents. The team is in the fifth of six years of the NIH-funded Teen-LABS Study, the largest multicenter study to document outcomes of adolescents undergoing weight loss surgery.

The group has added several other R01-funded ancillary studies. Inge also received ARRA funding for his study, "Assessing the Health Benefits and Risks of Adolescent Bariatric Patients."

Biliary atresia

Gregory Tiao, MD, completed the last of a five-year NIH Career Development Award. He also received an R03 grant from the NIH to expand his research on virus-induced intracellular signaling pathways and biliary atresia. Tiao serves as the surgical director for liver and intestinal transplantation.

Division Publications

1. :

Grants, Contracts, and Industry Agreements

Grant and Contract Awards

Annual Direct / Project Period Direct

Crombleholme, T

Angiogenic Peptide Scaffolds to Enhance Diabetic Wound Healing

University of Cincinnati (National Institutes of Health)

R21 DK 078814

07/01/08 - 06/30/10

\$21600 / \$52369

Falcone, R

Assessment of Factors Associated with the Delayed Transfer of Pediatric Trauma Patients

Ohio Department of Public Safety

ODPS - EMS

07/01/09 - 06/30/10

\$22477 / \$22477

Youth Injury Prevention African American Teen Driving

Ohio Department of Public Safety

GG2010310000023500

10/01/09 - 09/30/10

\$41339 / \$41339

Inge, T

Adolescent Bariatrics: Assessing Health Benefits & Risks

National Institutes of Health

U01 DK 072493

07/01/06 - 03/31/11

\$2064487 / \$6439635

Adolescent Bariatrics: Assessing Health Benefits & Risk

National Institutes of Health

U01 DK 072493

09/21/09 - 03/31/11

\$111012 / \$111012

Jenkins, T

Dietary Intake and Eating Behavior in Adolescents who Undergo Bariatric Surgery

University of Pennsylvania (National Institutes of Health)

R01 DK 08078301

07/01/08 - 06/30/13

\$33009 / \$83649

Laurence, S

Occupant Protection Regional Coordinator

Ohio Department of Health

DOH01-0000015571

10/01/09 - 09/30/10

\$59054 / \$59054

Levitt, M

Pediatric Colorectal Surgery Mission to Ghana

The Smile Train

SmileTrain 2010

01/18/10 - 01/23/10

\$18000 / \$18000

Maldonado, A

Targeting Oncolytic HSV to Neuroblastoma & Malig. Peripheral Nerve Sheath Tumors

National Institutes of Health

F31 CA 132613

12/01/07 - 11/30/10

\$33913 / \$98894

Tiao, G

Pathogenic Mechanisms of Virus Induced Biliary Atresia

National Institutes of Health

K08 DK 072858

09/15/05 - 06/30/10

\$116500 / \$583500

Intracellular Signaling Pathways and Virus Induced Biliary Atresia

National Institutes of Health

R03 DK 087974

05/01/10 - 04/30/12

\$50000 / \$100000

Vandersall, A

Antiangiogenic Treatment in Experimental Colitis

Crohn's & Colitis Foundation of America

CCFA 2902

06/15/10 - 08/14/10

\$2500 / \$2500

Helmrath, M

Mechanisms of Intestinal Stem Cell Expansion

National Institutes of Health
R01 DK083325

05/01/10 - 06/30/14

\$54898 / \$803334

Keswani, S

Molecular Mechanisms of Regenerative Wound Repair

University of Cincinnati

KL2 - Keswani

04/01/10 - 03/31/11

\$25000 / \$25000

Current Year Direct

\$2,653,789

Industry Contracts

Inge

Ethicon Endo-Surgery, Inc

\$ 25504

Current Year Direct Receipts

25,504