

PROMOTION RECOMMENDATION  
THE UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF SURGERY

Peter F. Ehrlich, M.D., associate professor of surgery, with tenure, Department of Surgery, Medical School, is recommended for promotion to professor of surgery, with tenure, Department of Surgery, Medical School.

Academic Degrees:

M.S.	1994	University of Toronto
M.D.	1989	University of Toronto
B.S.	1981	University of Toronto

Professional Record:

2006-present	Associate Professor of Surgery, University of Michigan
2003-2006	Clinical Associate Professor, Department of Surgery, University of Michigan
2002-2003	Associate Professor, West Virginia University School of Medicine, Morgantown, WV
1998-2003	Assistant Professor, Faculty Center for Rural Emergency Medicine, Morgantown, WV
1998-2002	Assistant Professor, West Virginia University, Morgantown, WV

Summary of Evaluation:

Teaching: Dr. Ehrlich is recognized as an enthusiastic and effective teacher of surgical residents, fellows and medical students at the University of Michigan Medical Center. He devotes a substantial amount of effort teaching clinical trainees at the bedside, operating room and clinic (500+ hours/year). Dr. Ehrlich has been actively engaged in teaching and mentoring undergraduate students (UROP), medical students (Summer Scholarship Program), residents, post-doctoral research fellows, and clinical fellows. He has developed a locally and nationally used (Surgical Council on Resident Education-SCORE) curriculum for Renal Tumors, Neuroblastoma, Neurosurgical Trauma and Abdominal Trauma. He developed interactive oral board exam questions on esophageal atresia for the third-year rotation and a specific interactive lecture for medical students on pediatric surgery topics - Pediatric Surgery Jeopardy and the vomiting baby. He was recognized nationally as a surgical educator by the American Board of Surgery and asked to help revise, as well as to administer both the pediatric and adult general surgical certifying oral exams.

Research: Dr. Ehrlich's research focus is on pediatric renal tumors, and a broad range of clinical and translational pediatric trauma. He has over 90 peer reviewed publications. He has received peer review funding as a principal investigator, co-principal investigator and co-investigator

from the National Institutes of Health, Center for Disease Control, NHTSA, Toyota Motor Company and Kohls, as well local institutional grants. His work has been frequently cited. He has received research awards and grants from the Canadian Endocrine Society, The Banting and Best Institute, Society of International Pediatric Oncologists, Canadian Pediatric Surgery Association and the American Pediatric Surgery Association. He has been an invited speaker and visiting professor at institutions such as Mount Sinai School of Medicine, Children's Hospital of Omaha (University of Nebraska).

Dr. Ehrlich's research interests include the following: renal tumors in children, especially Wilms' Tumor, Analytic Morphomics in children, especially motor vehicle crashes. Dr. Ehrlich's Morphomics lab has developed an innovative method called Analytic Morphomics, whereby CT (and eventually MRI) scans with cross sectional imaging are analyzed using customized software algorithms. These algorithms use novel, high-throughput processes to obtain highly precise and objective measurements of tissue quality and geometry for bone, muscle, fat, and organs. They are using these morphomics data to analyze the body structure as it relates to injury patterns in children. Dr. Ehrlich is also interested in research of roles of substance abuse and injury in the pediatric trauma population, as well as the functional outcomes in children with pediatric colorectal disorders.

#### Recent and Significant Publications:

Ehrlich PF, Hamilton TE, Grundy P, Ritchey M, Haase G, Shamberger RC, National Wilms' Tumor Study Group (National Wilms' Tumor Study 5): The value of surgery in directing therapy for patients with Wilms' tumor with pulmonary disease. A report from the National Wilms' Tumor Study Group (National Wilms' Tumor Study 5). *J Pediatr Surg* 41:162-167, 2006.

Ehrlich PF, Maio R, Drongowski R, Wagaman M, Cunningham R, Walton MA: Alcohol interventions for trauma patients are not just for adults: Justification for brief interventions for the injured adolescent at a pediatric trauma center. *Journal of Trauma* 69:202-210, 2010.

Ehrlich PF, Young JG, Ulin S, Woolley C, Armstrong TJ, Galecki A, Chen S, Ashton-Miller JA: Maximum hand-rung coupling forces in children: The effects of handhold diameter. *Hum Factors* 55:545-556, 2013.

Ehrlich PF, Anderson JR, Ritchey ML, Dome JS, Green DM, Grundy PE, Perlman EJ, Kalapurakal JA, Breslow NE, Shamberger RC: Clinicopathologic findings predictive of relapse in children with stage III favorable-histology Wilms' tumor. *J Clin Oncol* 31:1196-1201, 2013.

Harbaugh C, Shylkov M, Tsuida R, Holcombe S, Hirschl J Wang SC, Ehrlich PF: Morphometric analysis of abdominal organs and ribcage: Implication for risk of solid organ injuries in children. *Journal of Trauma* 78:1129-1133, 2015.

Service: Dr. Ehrlich is the director of the level one Pediatric Trauma Program at CS Mott and chairs all committees related to the program. He is on the steering committee for the Michigan Regional Trauma System. Dr. Ehrlich is the co-director of the Pediatric Surgery Colorectal Program and a member of the Michigan Solid Tumor Organ Program for children. He is the

head of the Clinical Competency Committee (CCC) for the Pediatric Surgery Fellowship. He is the outreach coordinator for the University of Michigan Injury Center. On the national level, Dr. Ehrlich is a governor of the Canadian Pediatric Surgery Association, program chair for the American Pediatric Surgical Association, founding member of the Pediatric Trauma Society and the board of directors for the Injury Free Coalition for Children. He is the vice chair of surgery for the Children's Oncology Group Renal Tumors and Hodgkin's Lymphoma Committees. In addition, Dr. Ehrlich has been a reviewer for 24 journals including *Gene Reviews*, *Annals of Surgery*, *Journal of Pediatric Surgery* and *Journal of Trauma*.

External Reviewers:

Reviewer A: "Dr. Peter Ehrlich has a sustained record of professional achievements and teaching, scholarship and service at a high and constantly increasing level. Nationally and internationally he is recognized as outstanding ..."

Reviewer B: "In summary, my personal observations at national conferences related both to trauma and pediatric surgery indicate that Dr. Ehrlich has attained a national stature as an academic leader. In addition, his Curriculum Vitae makes it abundantly clear that he meets or exceeds criteria for promotion to Professor with Tenure ...."

Reviewer C: "...Dr. Ehrlich has established himself as a leader in pediatric surgery due to an extensive and important body of academic work in the fields of trauma and oncology. He has developed a national reputation in these topics, and has contributed greatly to our field."

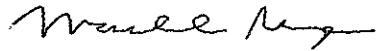
Reviewer D: "Dr. Ehrlich has distinguished himself in a particularly wide field of sub-specialties: pediatric trauma, injury prevention, rural medicine, surgical education and pediatric oncology. As substantiated by his CV, he has also approached each of these areas of study and clinical application on the research, academic and educational fronts. It is rare to find an academic scholar with this depth and breadth of expertise and achievement, and Dr. Ehrlich is to be commended."

Reviewer E: "His clinical roles in the areas of oncology and trauma are well recognized across our profession and specifically at the level of our national association, the American Pediatric Surgical Association (APSA), where he has functioned on the national committees for both of these areas....He will continue to be a valuable asset to your institution, and I have no doubt that the ongoing accomplishments that he will contribute to the field of surgery will make the University of Michigan proud to have him as a tenured professor."

Reviewer F: "I believe that Dr. Ehrlich has all of the necessary credentials to be promoted to this rank and would be successfully promoted at any of the institutions with which I have been affiliated. His clinical and academic accomplishments are excellent and I am convinced he will continue to contribute to the evolution of pediatric surgery for many years to come."

Summary of Recommendation:

Dr. Ehrlich is an outstanding academic pediatric surgeon. He is a superb teacher and mentor and has made substantial interdisciplinary contributions in both the clinical and research arenas. I am very pleased to recommend Peter F. Ehrlich, M.D. for a promotion to professor of surgery, with tenure, Department of Surgery, Medical School.



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Marschall S. Runge, M.D., Ph.D.  
Executive Vice President for Medical Affairs  
Dean, Medical School

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