PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF PEDIATRICS AND COMMUNICABLE DISEASES

Michael Gaies, M.D., assistant professor of pediatrics and communicable diseases, Department of Pediatrics and Communicable Diseases, Medical School, is recommended for promotion to associate professor of pediatrics and communicable diseases, with tenure, Department of Pediatrics and Communicable Diseases, Medical School.

Academic Degrees:

M.D., M.P.H. 2002 Harvard Medical School/School of Public Health

Professional Record:

2010-present  Assistant Professor of Pediatrics and Communicable Diseases, University of Michigan
2009-2010  Clinical Lecturer, Department of Pediatrics and Communicable Diseases, University of Michigan
2005-2006  Instructor, Harvard Medical School

Summary of Evaluation:

Teaching: Dr. Gaies teaches principles of pediatric cardiology and cardiac critical care medicine to residents, fellows and nurse practitioners while attending on the Pediatric Cardiothoracic Unit at C.S. Mott Children’s Hospital. He developed and led the fellow research curriculum for the Division of Pediatric Cardiology, and he provides lectures to both Pediatric Cardiology and Critical Care Medicine trainees. During his tenure as the assistant fellowship director for research (2011-2016), Dr. Gaies developed a fellowship research curriculum and oversaw all fellow research projects within the Division of Pediatric Cardiology. To date, Dr. Gaies has mentored nine fellows and junior faculty members (internal and external) on research projects that have resulted in multiple publications and several presentations at national meetings. Dr. Gaies takes enormous pride in the education of trainees and is a committed mentor.

Research: Dr. Gaies has had funding from a variety of sources including the NIH Department of Health and Human Services, pharmaceutical companies, university awards, etc. His individual focus has been on the patient-related and systems factors that determine clinical outcomes after cardiac surgery in children. In 2011, Dr. Gaies decided to embark on a journey that would encompass more than just his research interests, and he led development and growth of the Pediatric Cardiac Critical Care Consortium (PC4), the largest multi-institutional quality collaborative network in pediatric cardiac critical care in the U.S. At its inception, PC4 was funded by a Clinical and Translational Science Award (CTSA) with assistance from the Michigan Institute for Clinical and Health Research (MICHRI) team, and it included registry data submitted by five hospitals across the county. Now, PC4 has grown to an international collaborative and includes
over 30 hospitals in North America. PC4 is producing science that is regularly presented at the largest scientific meetings in cardiology and is producing numerous manuscripts annually. As the director of PC4, Dr. Gaies is involved in the design and execution of every PC4 study. PC4 makes an immense impact on the clinical care and research conducted in pediatric cardiac care. Overall, Dr. Gaies has 62 peer-reviewed publications, 57 in rank (26 as first, senior or co-author) and four book chapters. Additionally, he has given several national and international talks (14 extramural invited presentations in the past three years).

Recent and Significant Publications:


Service: Dr. Gaies specializes in the practice of pediatric cardiac intensive care medicine. He cares for patients in the Pediatric Cardiothoracic Intensive Care Unit at Mott Children’s Hospital 12-13 weeks per year and five nights per month. Dr. Gaies is remarkably active in service activities, and he was recently appointed as the associate director of the Pediatric Cardiothoracic Intensive Care Unit. In addition to serving as the associate fellowship director for research (2011-2016) he currently sits on two editorial boards (Pediatric Critical Care Medicine, Circulation Cardiovascular Quality and Outcomes) and is an ad hoc reviewer for several journals including JAMA Pediatrics, the New England Journal of Medicine and Circulation. Additionally, he is the chair of the Cardiac Intensive Care Subcommittee for the American College of Cardiology Quality Working Group and is a member of the Medical Advisory Board of the Pediatric Congenital Heart Association. Dr. Gaies has participated in several institutional committees including the Mott C&W Quality Committee and he is the chair of the Pediatric Cardiothoracic Intensive Care Quality Committee.
External Reviewers:

Reviewer A: “Dr. Gaies is currently considered a world expert in optimal management for critically ill pediatric cardiac patients...Dr. Gaies possesses strong leadership skills and is respected amongst him ICU colleagues, surgeons, anesthesiologists, and nursing staff....His expertise in pediatric cardiology and his academic accomplishments are acknowledged nationally and internationally by his peers and demonstrated by his clinical productivity, publications, and administration.”

Reviewer B: “As I examine the criteria for promotion to Associate Professor, I note that candidates are expected to be well established and demonstrate scholarly or creative ability that positively impact on their field. It is clear to me that Michael displays these characteristics. He is rapidly becoming a national and international leader in cardiac critical care...He is certainly one of the most exceptional pediatric cardiologists of his generation and I have no doubt that if he was at [my institution], he would certainly be considered worthy of the title of Associate Professor.”

Reviewer C: “These clinical research efforts have established Dr. Gaies as a national leader in the effort to improve quality and data transparency in both pediatric cardiac intensive care and congenital heart surgery more broadly.”

Reviewer D: “He is now the PI on two NIH-funded grants and a Phase III drug trial. Strong leadership background is evident in Dr. Gaies’s role as executive director of the Pediatric Cardiac Critical Care Consortium (PC4), a quality improvement collaborative of which he is the founder...Dr. Gaies’s scholarly productivity shows both commitment to and respect in his field...Dr. Gaies has deservedly earned international attention.”

Reviewer E: “The consortium was initiated with NIH funding and is now a well-established and highly regarded quality improvement collaborative that provides ‘real-time’ data and transparent data sharing among the 33 participating programs....I have been impressed with Dr. Gaies’ rapid rise in pediatric cardiology. He is a creative and positive force in our field....I believe the University of Michigan is extremely fortunate to have a remarkable individual like Dr. Gaies as a faculty member and I believe he will continue to make substantial contributions to our field and the University of Michigan. I give him my strongest recommendation.”

Reviewer F: “In short, I believe that Dr. Gaies is deserving of promotion because he has had an international impact on the process and outcomes of critical care management in congenital heart disease as recognized by his invited leadership roles, he is a productive scholar, and he plays a strong role in education, both within the institution and within his field...In terms of leadership, he is a leader in developing collaborative networks within the pediatric cardiology and critical care communities, now embarking on creating a ‘network of networks’....His contribution to institutional education appears excellent and as said before, he is a much-sought-after lecturer at the international level.”
Summary of Recommendation:

Dr. Gaiés is an innovative and productive faculty member. He has created a unique niche in his research and is making remarkable contributions to his field. He is highly regarded by his peers and serves the university with distinction. I enthusiastically support Michael Gaiés, M.D. for promotion to associate professor of pediatrics and communicable diseases, with tenure, Department of Pediatrics and Communicable Diseases, Medical School.

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

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