

PROMOTION RECOMMENDATION
THE UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF SURGERY

Samir K. Gadepalli, M.D., M.S., M.B.A., assistant professor of surgery, Department of Surgery, Medical School, is recommended for promotion to associate professor of surgery, with tenure, Department of Surgery, Medical School.

Academic Degrees:

M.S.	2013	University of Michigan, Ann Arbor, MI
M.B.A.	2010	University of Phoenix Online, Phoenix, AZ
M.D.	2003	Albany Medical College, Albany, NY
B.S.	2001	Rensselaer Polytechnic Institute, Troy, NY

Professional Record:

2017 – Present	Assistant Professor, Department of Surgery, University of Michigan, Ann Arbor, MI
2012 - 2017	Clinical Lecturer, Department of Surgery, University of Michigan, Ann Arbor, MI
2009 - 2010	Clinical Lecturer, Department of Surgery, University of Michigan, Ann Arbor, MI

Summary of Evaluation:

Teaching: Dr. Gadepalli contributes significantly to teaching and mentoring research trainees. Learners include faculty members, clinical fellows, residents, postdoctoral fellows, medical students and undergraduate students. He is a member of the Scholarship Oversight Committees for several fellows and has served as the co-chair. Nationally, he has served as an instructor for the Ultrasound Course for Pediatric Surgeons and the Alliance of Pediatric Surgeons Growing and Advancing Representation, Advisory Council on Pediatric Surgery for the American College of Surgeons. Institutionally, he has given lectures at research conferences in pediatric surgery and neonatology and served as an instructor in ultrasound courses for pediatric surgery and anesthesia fellows. Teaching evaluations are good to very good. Trainees commented on the high quality of his instruction as well as his candid, constructive feedback. Dr. Gadepalli received the Silver Scalpel Award for Medical Student Facilitator for Surgical Clerkship and was a finalist for the Surgical Clerkship Arnold G. Coran Faculty Teaching Award twice for “Top Faculty Educator” in recognition of the high quality of his teaching and mentoring. Overall, Dr. Gadepalli’s teaching activities are substantive.

Research: Dr. Gadepalli is a bench-to-bedside physician-scientist and conducts health services research with a focus on improving outcomes in inflammatory bowel disease (IBD) pediatric patients and developing standardized algorithms for care. He has demonstrated excellent productivity in his research contributions, as evidenced by his publications and extramural grant support. Since he was appointed as an assistant professor, he has obtained over \$4M in funding from the National Institutes of Health, the Agency for Healthcare Research and Quality (AHRQ),

Patient-Centered Outcomes Research Institute (PCORI), foundational awards, and industry grants. He has authored 121 peer reviewed manuscripts in highly ranked journals in his field, such as *JAMA Surgery*, *Journal of Surgical Research*, and the *Journal of Gastrointestinal Surgery*. He has been an invited speaker at four conferences, including the Keystone ECMO Conference, and the keynote speaker at two American Pediatric Surgery Association meetings. Dr. Gadepalli also served as a moderator and panelist at several national symposia and meetings. He was also an invited visiting professor at The Ohio State University and the Children's Hospital of San Antonio.

Recent and Significant Publications:

- Gadepalli SK, Leraas HJ, Flynn-O'Brien KT, Van Arendonk KJ, Hall M, Tracy ET, Ricca RL, Goldin AB, Ehrlich PF, "Changing Landscape of Routine Pediatric Surgery for Rural and Urban Children: A Report From the Child Health Evaluation of Surgical Services (CHESS) Group," *Ann Surg*. 278(4): 530-537, 10/2023. PMID: 37497661.
- Rubalcava NS, Gadepalli SK, "Inflammatory Bowel Disease in Children and Adolescents," *Adv Pediatr*. 2021 Aug;68:121-142. doi: 10.1016/j.yapd.2021.05.005. Epub 2021 Jun 17. PMID: 34243849.
- Rubalcava NS, Moreno NA, Adler J, Geiger JD, Hirschl RB, Gadepalli SK, "Does the timing of pouch creation in 2-stage operations for pediatric patients with ulcerative colitis matter?" *J Pediatr Surg*. 2021 Jun;56(6):1203-1207. doi: 10.1016/j.jpedsurg.2021.02.023. Epub 2021 Feb 20. PMID: 33741179.
- Adler J, Lin CC, Gadepalli SK, Dombkowski KJ, "Association Between Steroid- Sparing Therapy and the Risk of Perianal Fistulizing Complications Among Young Patients With Crohn Disease," *JAMA Netw Open*. 2020 Jun 1;3(6):e207378. doi: 10.1001/jamanetworkopen.2020.7378. PMID: 32515798; PMCID: PMC7284306.
- Dedhia PH, White Y, Dillman JR, Adler J, Jarboe MD, Teitelbaum DH, Hirschl RB, Gadepalli SK, "Reduced paraspinous muscle area is associated with post- colectomy complications in children with ulcerative colitis," *J Pediatr Surg*. 2018 Mar;53(3):477-482. doi: 10.1016/j.jpedsurg.2017.09.006. Epub 2017 Sep 14. PMID: 29103786.

Service: Dr. Gadepalli has an excellent service record. He is a superb clinician whose unique background allows expertise in the critical care needs of the surgical neonatal and pediatric populations, including the use of extracorporeal membrane oxygenation (ECMO) in children. Internationally, he served as a co-chair of the Pediatric Interest Group of the Society of Medical Decision Making and was an ad hoc grant reviewer for the Necrotizing Enterocolitis (NEC) Society. Nationally, he is a current member of several committees including as co-chair of the Career Pipeline Program for APGAR and past chair of the Critical Care Committee with the American Pediatric Surgery Association. He also serves on Education Committees for several national associations, including the American Academy of Pediatrics, the American Pediatric Surgery Association, and the Society of University Surgeons. Dr. Gadepalli has been actively involved in DEI efforts through his work developing a multi-institutional program focused on increasing diversity in pediatric surgery for the Alliance of Pediatric Surgeons Growing and Advancing Representation (APGAR). He is an ad hoc grant reviewer for the Patient-Centered Outcomes Research Institute and is a member of many professional societies. He is the assistant editor for the *Journal of Pediatric Surgery* and is an ad hoc reviewer for a few journals. Regionally, he is the chief academic officer for the Midwest Pediatric Surgery Consortium. Institutionally, he serves on numerous institutional committees, including leadership positions,

such as the chair of the Pediatric Surgery Fellow Research Conference and co-chair of the Mott Perioperative/PICU Handoff Committee. Dr. Gadepalli has held departmental leadership positions including associate program director for the Pediatric Surgery Fellowship before being appointed as the program director and previously served as the director of clinical research. He is a volunteer for the Scientific Advisory Council for raising awareness and empowering families of children with NEC.

External Reviewers:

Reviewer A: “Dr. Gadepalli’s national reputation is predominantly in the area of pediatric critical care and the surgical management of pediatric inflammatory bowel disease. He is recognized as one of our specialty’s experts in both areas. His scholarly contributions have been through important publications as well [as] presentations [sic] at national meetings.”

Reviewer B: “Dr Gadepalli’s scholarly output since he finished his training has been incredible in its volume and impact...Dr. Gadepalli has already left an impressive mark in the realm of pediatric surgical educational leadership locally at the University of Michigan Medical School and nationally. He is renowned as an inspiring faculty and tireless in his advocacy on behalf of his trainees. Having worked in the surgical education space all my career, I appreciate the devotion it takes to make such an impact on trainees.”

Reviewer C: “Dr. Gadepalli’s most impressive contributions have come from his contributions to the field of Pediatric Surgical Critical Care, which are a natural extension of his clinical training in both pediatric surgery and surgical critical care. He is widely regarded as a nascent expert in this field. This is reflected in his appointment as the Chair of the American Pediatric Surgery Association’s Critical Care Committee, his appointment as Liaison to the Section on Critical Care for the American Academy of Pediatrics Section on Surgery, [his] status as an Assistant Editor for the Journal of Pediatric Surgery (the core journal for the field), and his continuous presence as a presenter and invited speaker at prominent national conferences related to this work.”

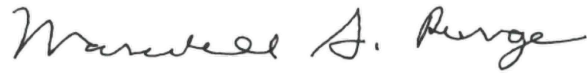
Reviewer D: “Over his 6 years he has had some impressive accomplishments; i) over 90 papers within the last 6 years and several book chapters; ii) his research focus has been around IBD – he has two \$2M grants – the first on Crohn’s disease and the second on adipose tissue diversity and he has also completed other research studies with research grants that have been sizable... all of his submitted papers are of high quality and are outstanding. Well written and demonstrate his collaborative nature.”

Reviewer E: “Dr. Gadepalli is an exceptional surgeon who has produced a large quantity of impactful work. I regard him as an expert in the field of inflammatory conditions of the gut and in the management of critically ill children. I have found him to be engaged, sincere and extremely bright. I was especially impressed by his impact and foundational role in the NEC society. His standing in our field is superior and he has numerous service contributions to the discipline of pediatric surgery. He is also a wonderful collaborator who genuinely cares about his colleagues and patients.”

Reviewer F: "...Dr. Gadepalli has been very productive and impactful. He has co-authored 84 peer-reviewed publications, 27 as first or senior author along with three review articles and three textbook chapters. According to SCOPUS, his current overall H-index is 23 which may qualify him for full professorship at some institutions...has served on numerous local, national, and international committees...Dr. Gadepalli's service record has been exemplary."

Summary of Recommendation:

Dr. Gadepalli is nationally recognized in pediatric critical care and surgical management of pediatric inflammatory bowel disease. He is an accomplished scientist, a teacher who has dedicated himself to continual improvement, and is an active institutional citizen. I am pleased to recommend Samir K. Gadepalli, M.D., M.S., M.B.A. for promotion to associate professor of surgery, with tenure, Department of Surgery, Medical School.



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

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