

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN MEDICAL SCHOOL
DEPARTMENT OF PEDIATRICS AND COMMUNICABLE DISEASES
DEPARTMENT OF INTERNAL MEDICINE
UNIVERSITY OF MICHIGAN GERALD R. FORD SCHOOL OF PUBLIC POLICY

Matthew M. Davis, M.D., Assistant Professor of Pediatrics and Communicable Diseases, Department of Pediatrics and Communicable Diseases, Assistant Professor of Internal Medicine, Department of Internal Medicine, Medical School, and Assistant Professor of Public Policy, Gerald R. Ford School of Public Policy, is recommended for promotion to Associate Professor of Pediatrics and Communicable Diseases, with tenure, Department of Pediatrics and Communicable Diseases, Associate Professor of Internal Medicine, without tenure, Department of Internal Medicine, Medical School, and Associate Professor of Public Policy, without tenure, Department of Public Policy, Gerald R. Ford School of Public Policy.

Academic Degrees:

M.A.P.P.	2000	University of Chicago
M.D.	1994	Harvard University
B.A.	1989	Swarthmore College

Professional Record:

2004-Present	Assistant Professor of Public Policy, University of Michigan
2002-Present	Assistant Professor of Pediatrics and Communicable Diseases, University of Michigan
2002-Present	Assistant Professor of Internal Medicine, University of Michigan
2000-2002	Lecturer, Department of Pediatrics and Communicable Diseases, University of Michigan
2000-2002	Lecturer, Department of Internal Medicine, University of Michigan
1998-2000	Clinical Instructor of Pediatrics and Internal Medicine, University of Chicago
1994-1998	Clinical Instructor of Pediatrics and Internal Medicine, Harvard University

Summary of Evaluation:

Teaching: Dr. Davis is a superb teacher who has been recognized widely for the caliber of his instruction in both the Medical School and the Gerald R. Ford School of Public Policy. As a clinical teacher, Dr. Davis precepts one afternoon each week in the combined medicine-pediatrics clinic at the University of Michigan Canton Health Center. He also serves as a research mentor to several residents and fellows. In addition, Dr. Davis developed and leads *Public Policy 740 – Issues in Child and Family Health Policy* for graduate students at the Gerald R. Ford School of Public Policy. Dr. Davis also serves as a research mentor to graduate students

from the Ford School who have conducted independent studies with him and he devised a summer research workshop for two graduate students in 2005. Evaluations by residents describe his originality, evidence-based approach, and leadership by example in demonstrating empathy for patients in even the most challenging clinical situations. In 2001, Dr. Davis was honored with the Outstanding Educator Award from the Division of General Pediatrics, based on resident recommendations. Dr. Davis' student evaluations from the Gerald R. Ford School of Public Policy also cite his energy and enthusiasm as a teacher, and express appreciation for the perspective he brings to the classroom. He has consistently earned top ratings for his course, *Public Policy 740 - Issues in Child and Family Health Policy* and, in 2004 and 2005, he was named to Dean Rebecca Blank's Teaching Honor Roll.

Dr. Davis serves as co-director of the first and only NIH-funded pediatric health services research fellowship program. In this capacity, he has developed a strong and rigorous curriculum leading to the development of new scholars in the field. He is also the co-director of the Division of General Pediatrics Research Elective for the Under-Represented Minorities. This national program selects four resident physicians each year in a national competition to come to Ann Arbor for research training. Dr. Davis developed the curriculum and mentors the residents selected for the program each year.

Research: Dr. Davis is an extraordinarily competent physician-investigator whose primary fields of inquiry regard immunization and health insurance and, most recently, have turned to the national epidemic of obesity. He has published 32 articles in peer-reviewed journals, 17 as first author and five as senior author. His publications are widely recognized for their scientific rigor, sound reasoning, overall high quality, and for the way in which they have advanced the field at the time they each appeared. His signal contributions have come in the arena of the financing and the delivery of vaccinations to children and adults, with a particular emphasis on the influence of health insurance coverage for vaccines. His work has not only influenced the way that other investigators approach the topic of the financing of vaccines, but has shaped the national sense of urgency to address fundamental challenges in vaccine financing. Dr. Davis has been invited to present before the National Vaccine Advisory Committee and has also been invited to present his work on an annual basis to the National Immunization Program of the Center for Disease Control and Prevention since 2002. He has also been asked to write expert commentaries for *JAMA*, *Pediatrics*, and *Ambulatory Pediatrics* in 2004 and 2005 related to issues of vaccinations and vaccine economics. He has served on the study section for the Ambulatory Pediatric Association's Young Investigator Awards research grant program, and also serves as a member of the editorial board of *Ambulatory Pediatrics*. Dr. Davis is a member of the 2006 annual meeting planning committee of AcademyHealth (a national health services and health policy research organization).

Recent and Significant Publications:

Odetola O, Clark SJ, Freed GL, Bratton SL, Davis MM: A national survey of the distribution of pediatric critical care resources in the United States. *Pediatrics* 115:382-386, 2005.

Davis MM, Fant KE: Coverage of vaccines in private health plans: What does the public prefer? *Health Affairs* 24:770-779, 2005.

Davis MM, Patel MS, Gebremariam A: Decline in varicella-related hospitalizations and expenditures for children and adults after introduction of varicella vaccine in the United States. *Pediatrics* 114:786-792, 2004.

Davis MM, Ndiaye SM, Freed GL, Kim CS, Clark SJ: Influence of insurance status and vaccine cost on physicians' administration of pneumococcal conjugate vaccine. *Pediatrics* 112:521-526, 2003.

Davis MM, Zimmerman JL, Wheeler JRC, Freed GL: The costs of childhood vaccine purchase in the public sector: Past trends, future expectations. *Amer J Public Health* 92:1982-1987, 2002.

Service: Dr. Davis has been a member of the Selection Committee for the Combined Residency Program in Internal Medicine and Pediatrics, helping attract the best medical students to the Michigan program that is widely recognized as one of the top five programs in the nation. He also serves on the Resident Research Committee for the Department of Pediatrics. Nationally, Dr. Davis was elected as a member of the Society for Pediatric Research in 2004. He has also served for two years as Director of the Fellowship Directors Interest Group of the Ambulatory Pediatric Association.

Since 2000, Dr. Davis has provided patient care in the combined medicine-pediatrics practice at the University of Michigan Health System's Canton Health Center. He sees patients from newborns to elders, with a particular emphasis on the care of individuals with chronic conditions of childhood who survive to adulthood, and the care of individuals with obesity, asthma, and other heritable conditions that have a strong environmental and behavioral component. He is widely recognized by patients and staff as a top-notch clinician whose skills as a diagnostician are matched only by his empathetic bedside manner.

External Review:

Reviewer A: "His work is consistently innovative and insightful, and his interdisciplinary collaborations are both productive and trailblazing....Dr. Davis is an extremely innovative investigator who...has established an impressive track record of creative, extramurally funded work that spans multiple disciplines and addresses questions of major importance to the health of the US population."

Reviewer B: "Dr. Davis is clearly a national leader in immunization health services research. He has produced important new knowledge that influences national vaccination policies, especially related to the implementation and financing of new vaccines universally recommended to children."

Reviewer C: "Dr. Davis' scholarly impact in the field of general pediatrics has been enormous and he is nationally known for his work....His research and analysis are among the primary bodies of evidence to which I turn when engaged in policy work related to national immunization policy."

Reviewer D: “Dr. Davis’ high productivity and excellent quality work make him easily among the top 10% of investigators at his experience level in the country in general pediatrics or pediatric health services research.”

Reviewer E: “Matt has already made major contributions to the field of vaccine policy. His evaluations of the impact of varicella and pneumococcal vaccines remain among the most important studies documenting the public health utility of these vaccines.”

Reviewer F: “Dr. Davis consistently contributes at the national research meetings for both pediatrics and the broader health services research community....Dr. Matt Davis is one of your rising superstars.”

Summary of Recommendation:

Dr. Davis has made valuable contributions to the academic, research, and service missions of the Medical School and the Gerald R. Ford School of Public Policy. We believe he is deserving of promotion and give his application our highest recommendation.



Allen S. Lichter, M.D.
Dean, Medical School
*Newman Family Professor
of Radiation Oncology*



Rebecca M. Blank, Ph.D.
Dean, Gerald R. Ford School of Public Policy

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