

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

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

Academic Degrees:

M.S.	1998	University of Washington
M.D.	1986	Indiana University
B.S.	1984	University of Evansville

Professional Record:

2009-present	Associate Professor of Pediatrics and Communicable Diseases, University of Michigan
2006-2006	Associate Professor of Pediatrics and Medicine, University of North Carolina
2006-2009	Adjunct Associate Professor of Epidemiology, University of North Carolina

Summary of Evaluation:

Teaching: Dr. Gipson is an active teacher of medical students, residents and fellows both in the Pediatric Nephrology Clinic and at the bedside. Dr. Gipson also gives instruction of research methods, ethics in human subjects' research, and research staff management through mentorship interactions with students, fellows and faculty. She has taught and prepared syllabus materials for the inaugural Pediatric Nephrology Board Review Course sponsored by the American Society of Pediatric Nephrology. Dr. Gipson also teaches at the Pediatric Nephrology career development seminar which includes approximately 50% of the first and second year pediatric nephrology fellows annually. This seminar is sponsored by the American Society of Pediatric Nephrology, Renal Research Institute, and RenalPath.

Research: Dr. Gipson's research has been continuously funded by the NIH since 2002 and by other sources since the third year of her fellowship training in 1998. Additional funding sources have included the National Kidney Foundation of WA and NC, Renal Research Institute, NephCure Foundation, the Patient Centered Outcomes Institute, and private industry. The focus of her research includes glomerular disease, including nephrotic syndrome, chronic kidney disease, and cognitive and psychosocial impact of kidney disease. Nephrotic: Using a southeast regional collaborative network it has been found that the short term outcome of complete or partial remission of proteinuria in pediatric FSGS was predictive of long term preservation of kidney function. They examined physician practice patterns for nephrotic syndrome and found a wide variation leading to the generation of North American and then international guidelines for the treatment of nephrotic syndrome. This collaborative demonstrated the significant health care utilization and estimated 125 million dollar annual cost for inpatient care of children with nephrotic syndrome using the Healthcare

Utilization Project-Kids data (HCUP). Outcomes: This group was responsible for investigations from the year 2000 forward which document the adverse impact of chronic kidney disease on the neurodevelopment and cognition on children. Working memory and executive function are particularly vulnerable domains. These findings formed the basis for the neurodevelopmental outcomes defined in the national Chronic Kidney Disease in Children longitudinal cohort study. This study is ongoing with the third phase under review.

Recent and Significant Publications:

Gipson DS, Trachtman H, Kaskel F, Radeva M, Gassman J, Greene T, Moxey-Mims M, Hogg R, Watkins S, Fine R, Middleton J, Vehaskari VM, Hogan SL, Vento S, Flynn P, Powell L, McMahan J, Siegel N, Friedman A: Clinical trial of focal segmental glomerulosclerosis in children and young adults. *Kidney International* 80:868-788, 2011.

Tran C, Ehrmann BJ, Messer K, Herreshoff E, Kroeker A, Wickman L, Kasper N, Song P, Gipson DS: Recent trends in healthcare utilization among children and adolescents with hypertension in the United States. *Hypertension* 60:296-302, 2012.

Davis M, Clark S, Singer D, Shanley T, Gipson D: Public participation in medical research in the era of clinical and translational research. *Clinical and Translational Sci* 6:88-93, 2013.

Gadegbeku CA, Gipson D, Holzman L, Ojo A, Song P, Barisoni L, Sampson M, Kopp J, Lemley K, Nelson P, Lienczewski C, Adler S, Appel G, Cattran D, Choi M, Contreras G, Dell K, Fervenza F, Gibson K, Greenbaum L, Hernandez J, Hewitt S, Hingorani S, Hladunewich M, Hogan M, Hogan S, Kaskel F, Lieske J, Meyers K, Nachman P, Nast C, Neu A, Reich H, Sedor J, Sethna C, Trachtman H, Tuttle K, Zhdanova O, Zilleruello G, Kretzler M: NEPTUNE: Design and programs. *Kidney International* 83:749-756, 2013.

Gipson DS, Messer KL, Tran CL, Herreshoff EG, Samuel JP, Massengill SF, Song P, Selewski DT: Inpatient healthcare utilization in the United States among children with nephrotic syndrome. *Am J Kidney Dis* (2013) Feb 20. doi:pii: S0272-6386(13)00030-9. 10.1053/j.ajkd.2012.12.025. [Epub ahead of print] PMID:23434062.

Service: Since joining the faculty in December 2009, Dr. Gipson has primarily focused on research related service. She serves on the Research Advisory Council for the Department of Pediatrics, as director of the Medical School Honest Broker Office, as a member of the UMHS Information Technology Executive Committee, the Medical School Research Information Technology Governance Committee, the Operations Group for the Child Health Oversight Committee-CTSA, NIH and Research Committee for the American Society of Pediatric Nephrology. In addition, she has served as the associate director for the Michigan Institute for Clinical and Health Research (MICH), MICH Strategic Leadership Team. Dr. Gipson is the research lead for the MiChart Leadership Team, a co-chair of the Epic-Clinical Research Interface Team and a member of the scholarship oversight committees for pediatric nephrology fellows.

External Reviewers:

Reviewer A: "Of particular note are the admirable international visits to third world countries to provide clinical support and develop research collaborations designed to help the local populations....I was extremely impressed with the number and quality of the trainees that she has

mentored and the fact that most of them have pursued academic careers, have been successfully funded, and have made significant contributions to the field of Pediatrics.”

Reviewer B: “She has spear-headed several national and international collaborative research efforts that have dramatically advanced our knowledge of the nephrotic syndromes in children....Dr. Gipson’s scholarly activities have most prominently had a distinct and sustained impact on the field of pediatric nephrotic syndrome, and has [sic] resulted in several seminal advances....She is, without exaggeration, one of the international experts in her field.”

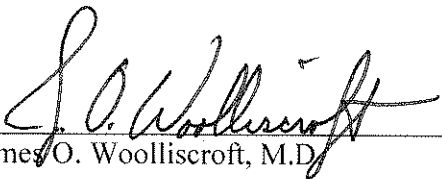
Reviewer C: “...I think that Dr. Gipson is one of a handful of pediatric physician-scientists asking the most exciting questions that will ‘push the envelope’ regarding the clinical management of kidney diseases in children. Clinical trials in pediatric renal diseases require multi-center collaborative networks. In building her multi-faceted research portfolio, Dr. Gipson has established herself as a consummate leader in such collaborative efforts.”

Reviewer D: “...Dr. Debbie Gipson is a highly accomplished clinician, educator and investigator who is one of the most respected pediatric nephrologists in the world. Her substantial body of work has substantially impacted the care of children (and adults) with chronic kidney disease.”

Reviewer E: “Dr. Gipson served as the PI of the largest NIH funded randomized clinical trial in childhood kidney disease. This seminal effort provided important insight into the management of FSGS and she is recognized as a thought leader in clinical research in childhood nephrotic syndrome.”

Summary of Recommendation:

Dr. Debbie Gipson is an international expert in chronic kidney disease in children. She has an established track record of teaching, collaborative science, and service. I am pleased, therefore, to recommend Debbie S. Gipson, M.D. for promotion to professor of pediatrics and communicable diseases, with tenure, Department of Pediatrics and Communicable Diseases, Medical School.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2014