

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

Lisa A. Prosser, Ph.D., associate professor of pediatrics and communicable diseases, without tenure, Department of Pediatrics and Communicable Diseases, Medical School is recommended for the granting of tenure to be held with her title of associate professor of pediatrics and communicable diseases, Department of Pediatrics and Communicable Diseases, Medical School.

Academic Degrees:

Ph.D.	2000	Harvard University
M.S.	1992	Massachusetts Institute of Technology
B.A.	1988	Cornell University

Professional Record:

2010-present	Associate Professor of Pediatrics and Communicable Diseases University of Michigan
2010-present	Research Associate Professor, Department of Health Management and Policy, University of Michigan
2008-2010	Research Associate Professor, Department of Pediatrics and Communicable Diseases, University of Michigan
2008-present	Lecturer, Department of Population Medicine (formerly Department of Ambulatory Care & Prevention), Harvard Medical School
2008-present	Adjunct Associate Professor, Department of Health Policy and Management, Harvard School of Public Health
01/2008-9/2008	Research Scientist, Center for Health Services Research, Henry Ford Health System, Detroit, MI
2006-2009	Assistant Professor of Health Policy and Management, Harvard School of Public Health
2001-2009	Assistant Professor of Ambulatory Care & Prevention, Harvard Medical School
2000-2001	Instructor, Department of Ambulatory Care & Prevention, Harvard Medical School

Summary of Evaluation:

Teaching: Dr. Prosser's teaching contributions include classroom instruction, seminars, continuing medical education, and advising graduate students and other trainees at the University of Michigan and previously at Harvard University. Dr. Prosser has taught in master's, doctoral, and continuing education courses in decision analysis, cost-effectiveness analysis, preference measurement, and modeling methods for economic evaluation. She has recently created a post-doctoral fellowship program in methods for valuing child health. Dr. Prosser holds a joint appointment at the School of Public Health (SPH) in the Department of Health Management and

Policy. At SPH, she led a successful effort to create a new cognate in Decision Sciences/Operations Research at the School of Public Health and is active in teaching and advising doctoral students. This new cognate had 24 applicants for two open slots for Fall 2012. Dr. Prosser also holds adjunct faculty appointments at Harvard Medical School and the Harvard School of Public Health. Dr. Prosser's advisees span a wide range of backgrounds including master's and doctoral health policy students, physician fellows, medical students, and junior faculty. She has participated on six doctoral dissertation committees, serving as co-chair for one committee. At the Medical School, she currently advises two post-doctoral fellows and one resident on their research projects. Much of her teaching focuses on methods of economic evaluation and decision analysis in the context of child health. For example, she recently taught a workshop on Comparative Effectiveness, Decision Analysis, and Child Health Policy at the Pediatric Academic Societies Annual Meeting. Dr. Prosser is a committed and enthusiastic teacher and mentor and has advised numerous trainees.

Research: Dr. Prosser's research focuses on the application of cost-effectiveness analysis and decision analytic modeling to childhood health interventions as well as on the development of new methods for valuing child health. She is an author of over 60 peer-reviewed publications. Dr. Prosser has a demonstrated record of obtaining independent research funding. She is currently the principal investigator of a five-year study funded by the Agency for Healthcare Research and Quality (R01HS020644; \$2,490,854; 2011-2016) to evaluate health and economic outcomes for newborn screening and for the CDC-funded Joint Initiative in Vaccine Economics (1U01IP00049901; \$899,980; 2011-2014). She also serves as co-investigator on five federally funded studies in which her role is to provide expertise in cost-effectiveness and modeling methods. Dr. Prosser's research has impacted national policy recommendations for influenza vaccination and newborn screening. She has presented her research at scientific conferences and national meetings and been invited to participate in national working groups. Her research on the cost-effectiveness of influenza vaccination has been utilized by the United States Advisory Committee for Immunization Practices (ACIP) when determining recommendations for routine influenza vaccination and H1N1 vaccination during the 2009 pandemic. Dr. Prosser is also a member of the External Evidence Review Group for the Secretary's Advisory Committee for Heritable Disorders in Newborns and Children. As part of this effort, Dr. Prosser played a key role in the integration of decision analysis into the methods used for evidence review and implemented this new approach into the evaluation of hyperbilirubinemia. Dr. Prosser has a strong national reputation as one of only a few researchers with expertise in methods of economic evaluation and decision analysis in the context of child health.

Recent and Significant Publications:

Prosser LA, Kong CY, Rusinak D, Waisbren SE: Projected costs, risks, and benefits of expanded newborn screening for MCADD. *Pediatrics* 125:e286-294, 2010.

Prosser LA, Payne K, Rusinak D, Shi P, Uyeki T, Messonnier M: Valuing health across the lifespan: Health state preferences for seasonal influenza illnesses in patients of different ages. *Value Health* 14:135-143, 2011.

Eisenberg D, Freed GL, Davis MM, Singer D, Prosser LA: Valuing health at different ages: Evidence from a nationally representative survey in the United States. *Appl Health Econ Health Policy* 9:149-156, 2011.

Prosser LA, Lavelle TA, Fiore AE, Bridges CB, Reed C, Jain S, Dunham KM, Meltzer MI: Cost-effectiveness of 2009 Pandemic Influenza A(H1N1) Vaccination in the United States. *PLoS ONE*. 6(7):e22308, 2011.

Prosser LA, Grosse SD, Kemper AR, Tarini BA, Perrin JM: Decision analysis, economic evaluation, and newborn screening: Challenges and opportunities. *Genet Med* In press.

Service: Dr. Prosser has a strong record of service to professional societies, peer-review, and at the institutional level. Dr. Prosser is currently on the board of trustees for the Society for Medical Decision Making (SMDM), chairs the SMDM Publications Committee, and has previously co-chaired the Scientific Review Committee for the SMDM Annual Meeting. She recently chaired the search committee to identify a new editor-in-chief for *Medical Decision Making*. Dr. Prosser is a member of the editorial board for *Pharmacoeconomics* and served as the guest editor for a special issue on child health. She has participated on review panels for NIH, CDC, Maternal Child and Health Bureau, and the Agency for Healthcare Research and Quality. She is also on the planning committee for a one-day symposium on child health at the International Health Economics Association meeting in 2013. At the institutional level, Dr. Prosser serves on several committees at the Medical School and has recently taken on a leadership role at the department level. She is a member of the Medical School ADVANCE Advisory Group, the Faculty Development Committee, and the Mentoring Subcommittee. The overarching objective of these committees is to provide support and training opportunities for faculty, especially women and underrepresented minorities. Her new role as the director of faculty development in the Department of Pediatrics will provide an opportunity to identify development opportunities and educate faculty on relevant opportunities as well as spearheading a new initiative to support mentoring activities within the department.

External Reviewers:

Reviewer A: "I believe Lisa's most important work has been in the evaluation of vaccination and (especially) newborn screening strategies. Lisa has been an important player nationally in helping to set policies for newborn screening for the Secretary of Health and Human Services by way of her consulting role for the Secretary's Advisory Committee on Heritable Diseases of Newborns and Children. She has done similar work on vaccine decisions for the Advisory Committee on Immunizations of the CDC."

Reviewer B: "She has clearly distinguished herself as an outstanding national and international leader in medical decision making and health economics research....Her research has been very well-supported through multiple Federal awards. She has demonstrated a strong record of collaboration as a co-investigator on many other projects, and has served as a mentor to a wide range of learners, from students through junior faculty members."

Reviewer C: “Her work has had significant implications for health policy. In particular, she has advanced methods for the assessment of public priorities in health. Her findings will inform critical public discourse and policy decisions that society faces in health care today....Dr. Prosser is a leader in her field and is expected to continue to make significant contributions in scholarship over the coming years.”

Reviewer D: “She has an excellent funding record and has shown herself able to get multi-year, multi-million dollar grant awards. Her expertise is sought by our federal government and by the governments of other countries. She is a leader in her field of decision analysis.”

Reviewer E: “I have been aware of Dr. Prosser’s work for a number of years, since she has performed excellent economic evaluations of immunization delivery strategies....Dr. Prosser clearly has an important niche in terms of evaluating cost effectiveness and modeling child health strategies. She is methodologically rigorous, productive, and does important work.”

Summary of Recommendation:

Dr. Prosser is an established scholar of health outcomes research who continues to publish regularly in respected journals of her field. She contributes to the educational mission and has an excellent service record. I strongly recommend Lisa A. Prosser, Ph.D. for the granting of tenure to be held with her title of associate professor of pediatrics and communicable diseases, Department of Pediatrics and Communicable Diseases, Medical School.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2013