

PROMOTION RECOMMENDATION
The University of Michigan
School of Public Health
Department of Epidemiology

Approved by the Regents
May 20, 2010

Lynda D. Lisabeth, assistant professor of epidemiology, School of Public Health, is recommended for promotion to associate professor of epidemiology, with tenure, Department of Epidemiology, School of Public Health.

Academic Degrees:

Ph.D.	2003	University of Michigan School of Public Health
M.PH	1997	University of Michigan School of Public Health, Biostatistics
B.S.	1995	University of Michigan College of Literature, Science and the Arts

Professional Record:

2006–present	Assistant Professor, University of Michigan School of Public Health, Department of Epidemiology, Ann Arbor, Michigan
2005–present	Research Assistant Professor, University of Michigan Medical Center, Department of Neurology, Ann Arbor, Michigan
2003-2005	Research Investigator, University of Michigan Medical Center, Department of Neurology, Ann Arbor, Michigan

Summary of Evaluation:

Teaching: Professor Lynda Lisabeth is an innovative teacher and a dedicated mentor to her students. Since joining the Department of Epidemiology as an assistant professor, Professor Lisabeth has taught two epidemiology courses each year. These courses include EPID 604 “Cardiovascular Disease Epidemiology” which she developed when she joined the department and EPID 655 “Field Studies in Epidemiology” which is probably the most difficult core course taught in the department. Her skill in translating the complexities of epidemiology to students is reflected in the excellent rankings on her annual teaching evaluations. On a five-point scale, her Q1 and Q2 scores averaged 4.3 and 4.5 over the last two years.

Over the last three years, Professor Lisabeth has mentored a total of nine masters students on their thesis research projects, and is currently supervising two Ph.D. students who are progressing well. In addition, she has served on six Ph.D. committees; of these, one candidate has graduated and secured a job in public health or academia.

Research: Professor Lisabeth’s broad research agenda is to study stroke health disparities with a focus on understanding the excess burden in special populations, including Mexican-Americans and women, to inform novel strategies to eliminate these disparities, and improve stroke risk and outcomes in all populations. Her research portfolio integrates the multiple levels of inference and activity necessary to study, predict, prevent, and intervene on one of the most common complex diseases. For example, she is currently working on the nation’s stroke statistics for the American Heart Association (population level), investigating the sex differences in stroke outcomes in several cohorts (multiple community level), tending a long term longitudinal study of stroke in Mexican-Americans in Texas (community level), examining the impact of family history and genetic admixture on stroke risk (family level), and

investigating individual biomarkers, co-morbidities, and risk factors of stroke and sleep apnea (individual level). These different levels of investigation each involve different types of study designs, statistical methodologies, and research collaborations. Professor Lisabeth has been highly successful and creative in each of these domains because of her strong background in both statistics and epidemiology.

Professor Lisabeth's publication record has been outstanding. She has 50 peer-reviewed publications, 34 of which were published since becoming an assistant professor. Nineteen of these 34 articles were as first, second, or last author. The majority of these papers have been published in highly regarded journals, such as *Stroke*, *Neurology*, and *Lancet Neurology*. She has a consistent and sustained history of grant funding with several grants currently submitted or pending with at least 74% of her effort covered each year.

Recent and Significant Publications:

LD Lisabeth, MA Smith, DL Brown, LA Moye, JMH Risser, LB Morgenstern. (2006) "Ethnic Differences in Stroke Recurrence." *Annals of Neurology*, Vol. 60, No. 4, pp. 469-475.

LD Lisabeth, JMH Risser, DL Brown, F Al-Senani, K Uchino, MA Smith, N Garcia, PJ Longwell, DA McFarling, A Al-Wabil, O Akuwumi, LA Moye, LB Morgenstern. (2006) "Stroke Burden in Mexican Americans: The Impact of Mortality Following Stroke," *Annals of Epidemiology*, Vol. 16, No. 1, pp. 33-40.

LD Lisabeth, DL Brown, R Hughes, JJ Majersik, LB Morgenstern. (2009) "Acute Stroke Symptoms Comparing Women and Men," *Stroke*, Vol 40, No. 6, pp. 2031-2036.

LD Lisabeth, AS Beiser, DL Brown, JM Murabito, M Kell-Hayes, PA Wolf. (2009) "Age at Natural Menopause and Risk of Ischemic Stroke," *Stroke*, Vol. 40, No. 4, pp 1044-1049.

DL Brown, D Feskanich, BN Sanches, KM Rexrode, ES Schernhammer, LD Lisabeth. (2009) "Rotating Night Shift Work and Risk of Ischemic Stroke," *American Journal of Epidemiology*, Vol. 169, No.11, pp. 1370-1377.

Service: Professor Lisabeth has served on the department's curriculum committee. She also actively participates in student recruiting and volunteers to meet with faculty recruits, seminar speakers, alumni, and interested prospective students.

At the national level, Professor Lisabeth was invited to become a member of Stroke Statistics Committee for the American Heart Association. The American Heart Association is the most highly regarded and renowned source of population level statistics on cardiovascular and cerebrovascular disease in the country. As a member of this high ranking committee in the AHA, she has contributed significantly to raising awareness of stroke risk, especially for women and minorities, and its risk factors.

She also has been the co-chair of the NIH National Institute for Neurological Disorders and Stroke (NINDS) Epidemiology and Risk Factor section of their Progress Review Group which is an annual review of NINDS's programs to solicit expert advice on the unmet scientific needs and opportunities critical to the advancement of stroke research. It is quite an honor to be on this committee as a junior faculty member because it clearly indicates that the nation's main funder of stroke research (NINDS) is interested in Professor Lisabeth's vision and leadership in defining the future of stroke research.

Professor Lisabeth has reviewed manuscripts for numerous highly regarded scientific journals and has served as a grant reviewer for the NIH and the National Institute for Health Research in the United Kingdom.

External Reviewers:

Reviewer A: "She is already considered a leading expert on stroke in women and is well regarded for her expertise in clinical epidemiology of stroke. I believe she is a very talented and committed scholar, and this view would be in agreement with her stature in the general academic neurology."

Reviewer B: "I have observed first hand her outstanding ability to present clear, concise and very rigorous research data to a broad audience with great professionalism and grace. She is an outstanding role model for [junior] researchers."

Reviewer C: "To have this number of high quality, high impact publications this early in her career is practically unheard of in our field."

Reviewer D: "At a relatively junior stage of her academic career, it is apparent that she has already made a significant impact and this will unquestionably continue to evolve over the course of time."

Reviewer E: "Dr. Lisabeth is contributing to the public health of our country and to improving the lives of patients with stroke. Her excellent productivity and intense motivation is vital to the stroke community."

Summary of Recommendation:

Professor Lisabeth is an outstanding researcher and a dedicated teacher. Her productivity has provided research and training opportunities to numerous students. It has also contributed nationally to our understanding of health disparities in stroke. I enthusiastically recommend Professor Lynda D. Lisabeth for promotion to associate professor of epidemiology, with tenure, Department of Epidemiology, School of Public Health.



Kenneth E. Warner
Dean, School of Public Health

May 2010