

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

Nancy L. Fleischer, assistant professor of epidemiology, Department 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.	2010	University of Michigan
M.P.H.	2006	University of California, Berkeley
B.A.	1999	University of Minnesota
B.S.	1999	University of Minnesota

Professional Record:

2016 – Present	Core Grant Member, Cancer Epidemiology and Prevention Program, University of Michigan Rogel Cancer Center
2015 – Present	John G. Searle Assistant Professor of Epidemiology, Department of Epidemiology, School of Public Health, University of Michigan
2015 – Present	Adjunct Professor, Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina
2012 – 2015	Assistant Professor, Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina

Summary of Evaluation:

Teaching: Professor Fleischer has been highly productive in helping to shape our curriculum. Specifically, she developed two courses. One is a course on Global Social Epidemiology (EPID 618), an important course that broadens the field of social epidemiology to beyond the domestic setting, and another course on Advanced Epidemiologic Methods (EPID 824), a critical course for our doctoral students that had been lacking from our curriculum for a number of years. Her evaluation scores have been excellent.

Professor Fleischer has chaired four doctoral student committees (two at the University of South Carolina, two at the University of Michigan), and has been a member of eight doctoral committees (three at the University of South Carolina, five at the University of Michigan), including students in epidemiology, biostatistics and health behavior. She has also mentored eight master's students on capstone/thesis projects. She has sponsored two summer internships at the University of Michigan and acted as a practicum supervisor for a University of North Carolina student. She is also a faculty co-mentor for a post-doctoral fellow at the University of Michigan Institute for Social Research.

Research: Professor Fleischer has been a major force in translating health disparities research from a largely domestic context into a global context. She has done this by: 1) identifying contextual determinants of non-communicable disease (NCD) risk in Latin America with a focus on smoking, obesity, diabetes, and adverse birth outcomes; and 2) exploring the influence of country of origin context and acculturation on immigrant NCD risk. In addition to her tobacco research, Professor Fleischer has worked on social mobility and adverse health outcomes in the U.S. South where she has linked families across generations to explore the role of cross-generational social mobility on health disparities. She has also worked on immigration and health where along with colleagues from

the Mexican Institute of Social Security, she has combined data from multiple countries with U.S. data to better understand if people who migrate are indeed healthier than those who stay behind in the country of origin.

Since 2012, Professor Fleischer has published 29 peer-reviewed papers (13 as first author, six as second author, and four as senior author). She has a total of 41 peer-reviewed papers. Her research has been published in top epidemiology and public health journals, including *Environmental Health Perspectives*, *Epidemiology*, *Tobacco Control*, *American Journal of Epidemiology*, and *American Journal of Public Health*. In 2017, she became the PI of a five-year R37 grant (“The Impact of Tobacco Control Policies on Health Equity in the United States”). She also serves as the PI on a Diversity Research Supplement to her R37, as a co-I on a major U01 award, and as the project lead and co-I on a large U54 project.

As evidence of Professor Fleischer’s recognition in the fields of social epidemiology and tobacco control, she has been invited to serve on grant review panels and journal editorial boards, and has given talks to provide expertise related to these areas. She recently served on a National Institutes of Health Special Emphasis Panel to review grants submitted to the PAR entitled “U.S. Tobacco Control Policies to Reduce Health Disparities.” She is an associate editor for the journal, *Tobacco Regulatory Science*.

Recent and Significant Publications:

- Fleischer N.L., Lozano P., Wu Y-H, Hardin J., Meng G., Liese A.D., Fong G.T., Thrasher J.F. (2018) Disentangling the roles of tobacco POS ban, tobacco retailer density and proximity on smoking cessation and relapse: Findings from ITC Canada Survey. *Tobacco Control*. Mar 8. <http://dx.doi.org/10.1136/tobaccocontrol-2017-054081>.
- Fleischer N.L., Ro A., Bostean G. (2017) Smoking selectivity among Mexican immigrants to the United States using binational data, 1999-2012. *Preventive Medicine*. Apr; 97:26-32. doi:10.1016/j.ypmed.2017.01.004.
- Fleischer N.L., Henderson A.K., Wu Y.H., Liese A.D., McLain A.C. (2016) Disparities in diabetes by education and race/ethnicity in the U.S., 1973-2012. *Am J Prev Med*. Dec; 51(6):947-957. doi: 10.1016/j.amepre.2016.06.019.
- Fleischer N.L., Lozano P., Arrillo Santillan E., Reynales Shigematsu L.M., Thrasher J.F. (2015) The impact of neighbourhood violence and social cohesion on smoking behaviours among a cohort of smokers in Mexico. *Journal of Epidemiology and Community Health*. 69(11):1083-90. doi: 10.1136/jech-2014-205115.
- Fleischer N.L., Diez Roux A.V., Hubbard A.E. (2012) Inequalities in BMI and smoking behavior in 70 countries: evidence for a social transition in chronic disease risk. *American Journal of Epidemiology*. Feb 1; 175(3):167-76.

Service: Professor Fleischer has served on the Epidemiology Doctoral and Research Committees and has been a primary writer/reader for the Ph.D. Competency Exam for three years. At the school level, she has reviewed for the Office of Global Health M.P.H. internship funding applications annually and at the university level, she is a member of the Peace Corps Prep Faculty Steering Committee. For the larger scientific community, Professor Fleischer has reviewed grant applications for the National Institutes of Health and the National Science Foundation. She regularly reviews abstracts for the Society for Epidemiologic Research and the Society for Research on Nicotine and Tobacco annual meetings and is an associate editorial board member for Tobacco Regulatory Science. She has also reviewed articles for several journals. She served on the planning committee for a global NCD conference in Emory (2016). She is a member of the American Public Health

Association, the Population Association of America, the Society of Epidemiologic Research, and the Society for Research on Nicotine and Tobacco.

External Reviewers:

Reviewer A: "I am impressed with the quality, creativity, and integration of methodologic and conceptual rigor with public health significance. ...the net impact of Dr. Fleischer's scholarship is exceptional."

Reviewer B: "...I think she is deserving of a position at any top institution that prioritizes the role of social factors in the production of health and health equity, including my own."

Reviewer C: "She is recognized for her contributions to social epidemiology and tobacco control research. More specifically, her work examines how policy and social determinants affect non-communicable disease risk and related health disparities in a global context. She seeks to identify policies and interventions to decrease health disparities; identify contextual determinants of risk, especially related to smoking, obesity, and explore the influence of country of origin context and acculturation on immigrant risk."

Reviewer D: "I find Dr. Fleischer's research articles to be high-quality, well-written, innovative, important, and methodologically sophisticated. ... [Her] focus on vulnerable populations directs attention to other fundamental causes of health and disease that are socially patterned and more difficult to address within the health sector. ... Dr. Fleischer's research is on the cutting edge of the field in this regard."

Reviewer E: "Quite simply, Dr. Fleischer has an impressive file. Her research record as an Assistant Professor is outstanding..."

Reviewer F: "...I believe that Dr. Fleischer is on a wonderful career trajectory. Her scholarly activities to date have been of high quality and her research is innovatively addressing public health issues [of] meaningful significance."

Summary of Recommendation: Professor Fleischer will continue to play an important role in strengthening our social epidemiology group and in keeping our M.P.H. and Ph.D. curriculum rigorous and high quality. She provides valuable service both internally for the department, school, and university, as well as externally, at the regional and national level. It is with the support of the School of Public Health Executive Committee that I recommend Nancy L. Fleischer for promotion to associate professor of epidemiology, with tenure, Department of Epidemiology, School of Public Health.



F. DuBois Bowman, Ph.D.
Dean, School of Public Health