

PROMOTION RECOMMENDATION
The University of Michigan
School of Public Health
Stephen M. Ross School of Business

David Mendez, associate professor of health management and policy, with tenure, School of Public Health, and associate professor of technology and operations, without tenure, Stephen M. Ross School of Business, is recommended for promotion to professor of health management and policy, with tenure, School of Public Health, and professor of technology and operations, without tenure, Stephen M. Ross School of Business.

Academic Degrees:

Ph.D.	1995	Michigan State University, East Lansing, MI
M.S.	1990	Michigan State University, East Lansing, MI
M.S.	1987	Michigan State University, East Lansing, MI
B.S.	1985	Universidad Nacional Pedro Henriquez Ureña, Santa Domingo, Dominican Republic

Professional Record:

2019 - Present	Associate Professor, Stephen M. Ross School of Business, University of Michigan, Ann Arbor, MI
2005 - Present	Associate Professor, Department of Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, MI
1997 - 2005	Assistant Professor, Department of Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, MI
1996 - 1997	Visiting Assistant Professor, Department of Management, Eli Broad Graduate School of Management, Michigan State University, East Lansing, MI
1995 - 1997	Paul A. Cornely Postdoctoral Fellow, Department of Health Management and Policy, School of Public Health, University of Michigan, Ann Arbor, MI

Summary of Evaluation:

Teaching: Professor Mendez teaches a number of courses in the Department of Health Management and Policy, including a core course taught in each of their residential and hybrid-executive master's programs (HMP654), as well as in the School of Public Health online degree program. He developed a new course on data management in healthcare (HMP553) and he teaches regularly in the Ross School of Business MBA program (TO513). His teaching commitment is evidenced by his excellent teaching evaluations, with overall averages for Q1 of 4.3 and Q2 of 4.5.

Professor Mendez has played a central role in teaching and mentoring the Department of Health Policy and Management's executive program master's students. He served as the program director from 2011-2017 in addition to teaching in the program. Since 2005, Professor Mendez has advised and mentored 11 graduate and doctoral students, including chairing one Ph.D. committee and co-chairing another.

Research: Professor Mendez is a leading researcher in the field of population health modeling related to tobacco-related harm. His research prioritizes the development, estimation, and simulation of various advanced models of population dynamics of tobacco use and its associated harm, and on

the evaluation of tobacco control policies. Professor Mendez's work has contributed significantly to the scientific evidence used to directly inform public policy to limit the morbidity and mortality from tobacco.

Professor Mendez has published a total of 53 peer-reviewed manuscripts. Of these, he published 34 at rank since 2005, and 14 of these were published between 2005 and 2016. The pace of his publications increased starting in 2017, and dramatically increased in 2021 and 2022 when he published 15 manuscripts. Of the 20 papers published since 2017, Professor Mendez was first or senior author on 11. His publications have had substantial policy impact. Of note, one of his publications on menthol cigarettes is ranked eighth in attention score out of the 3,100 publications ever tracked by Almetric in *Tobacco Control*, the leading journal in the field. This publication has the highest attention score of all publications on menthol cigarettes. Another of his recent publications on the same topic is ranked 23rd out of 3,100 in *Tobacco Control*. These two papers were directly relevant to the Food and Drug Administration's (FDA) recent decision to propose banning menthol in cigarettes and cigars. Professor Mendez also has authored seven peer-reviewed reports and book chapters, including two reports as a member of National Academies of Science, Engineering, and Medicine committees. His significant scientific contributions to the first report, "Assessing the Use of Agent-Based Models for Tobacco Regulation," are included as an appendix chapter and the more recent committee published an influential report on the public health consequences of e-cigarettes. Professor Mendez currently has funding from the National Institutes of Health (NIH) as a co-investigator and project lead for a U54 center grant. Since being promoted to associate professor in 2005, he was the principal investigator on four externally funded grants, including a National Institute of Child Health and Human Development (NICHD) R21 grant and an R01 grant with a companion administrative supplement. He has been a co-investigator on five other grants since 2005.

Recent and Significant Publications:

- Le, T.T., Mendez, D. (2021) An estimation of the harm of menthol cigarettes in the United States from 1980 to 2018. *Tob Control*. Feb 25:tobaccocontrol-2020-056256. doi: 10.1136/tobaccocontrol-2020-056256. Epub ahead of print. PMID: 33632809; PMCID: PMC8384947.
- Mendez, D., Warner, K.E. (2021) A Magic Bullet? The Potential Impact of E-Cigarettes on the Toll of Cigarette Smoking. *Nicotine Tob Res*. Mar 19;23(4):654-661. doi: 10.1093/ntr/ntaa160. PMID: 32823272; PMCID: PMC7976928.
- Méndez, D., Alshanqeety, O., Warner, K.E., Lantz, P.M., Courant, P.N. (2011) The impact of declining smoking on radon-related lung cancer in the United States. *Am J Public Health*. Feb;101(2):310-4. doi: 10.2105/AJPH.2009.189225. PMID: 21228294; PMCID: PMC3020207.
- Mendez, D., Le, T.T. (2021) Consequences of a match made in hell: the harm caused by menthol smoking to the African American population over 1980-2018. *Tob Control*. Sep 16:tobaccocontrol-2021-056748. doi: 10.1136/tobaccocontrol-2021-056748. Epub ahead of print. PMID: 34535507; PMCID: PMC8924008.
- Méndez, D., Alshanqeety, O., Warner, K.E. (2013) The potential impact of smoking control policies on future global smoking trends. *Tob Control*. Jan;22(1):46-51. doi: 10.1136/tobaccocontrol-2011-050147. Epub 2012 Apr 25. PMID: 22535364.

Service: Professor Mendez has consistently demonstrated a high level of service to the department, school, and university. He also has a well-established record of national and international professional service. In the Department of Health Management and Policy, he has served as the director of the Executive Master's Program, chair of the curriculum committee, and currently serves

as the interim director of the Executive Masters Program. He was previously a member of the school's Advisory Committee on Academic Programs (ACAP). He also served on the university-wide Academic Innovation Steering Committee and currently is a member of the Information Technology Council. Professor Mendez was an associate editor for *Decision Sciences Journal of Innovative Education* from 2012-2019. He is currently serving as the chair elect of the Association of University Programs in Health Administration Distance Learning Forum. Professor Mendez has served on many prominent national scientific advisory committees including the National Academy of Science, Engineering, and Medicine Committee on the Public Health Consequences of E-cigarettes, the Institute of Medicine Committee on Assessing the Use of Agent-Based Models for Tobacco Regulation, the Surgeon General Report 50th Anniversary, the FDA Tobacco Products Scientific Advisory Committee, and the Center for Disease Control's Healthy People 2020 Objectives – Tobacco Use Workgroup.

External Reviewers:

Reviewer A: "My impressions of the quality, quantity, focus and scholarly impact of David's work are all highly favorable. The 'club' of people who build models that answer the big questions about population-level or strategic tobacco policy is very small...David is either the first or second most influential person within that most important subset of tobacco-related research that tackles the big, difficult, strategic questions. I am quite surprised he is not already a full professor and think that the promotion is fully merited."

Reviewer B: "Dr. Mendez has established himself as a leader in his field through a series of outstanding publications that use dynamic population health simulation models to study tobacco-related harm...To sum up, I am a big fan of Dr. Mendez's research. I recommend that he be promoted to professor with tenure."

Reviewer C: "I am confident that Dr Mendez's scholarly [contributions] are of the very highest standard, and have made important and unique contributions to science, as well as having had clear and important impacts on tobacco control policy. His work shows clear evidence of coherence and maturity, having developed and evolved over several years, whilst retaining a core focus of using computational modelling to understand complex, dynamic systems...He certainly would meet the criteria for promotion to Professor at my own institution, and I am very happy to give him my strongest recommendation for promotion here."

Reviewer D: "He is among the best 'modelers' of the impact of smoking on human health, which is an important niche in public health and health policy...I expect that Dr. Mendez would be very likely to be appointed/promoted to Full Professor with tenure in one of two departments at [my institution]."

Reviewer E: "With regard to his standing in the research community of investigators in tobacco control who do population modeling, I think he stands out as one of the best...my view of Prof. Mendez is that he meets or exceeds all of your published criteria for promotion to full professor with tenure. If I had the ability to consider him for a hire in my own institution, I would be very interested in having him on my faculty, and I think he would do well."

Reviewer F: "Dr. Mendez contributed to the science used by the FDA and TPSAC by providing insights into the quantitative magnitude of the public health impact of the availability of menthol cigarettes in the marketplace. Dr. Mendez not only developed the model of menthol cigarette smoking for the entire U.S. population, but he also developed the model for the African American

population...I stand with my recommendation that Dr. Mendez be promoted to Full Professor at the University of Michigan.”

Reviewer G: “Dr. Mendez has elevated his status to one of perhaps two of the most influential modelers for tobacco regulatory science...He would certainly receive promotion at my current and former institutions and I think he is well surpassed the bar for what is outlined in your guidelines. In sum, I strongly support the promotion of Dr. Mendez to Full Professor with tenure.”

Summary of Recommendation: Professor Mendez has conducted highly impactful research in the field of population health modeling related to tobacco-related harm. He has a very good teaching record and an excellent record of service. It is with the support of the School of Public Health Executive Committee that I recommend David Mendez for promotion to professor of health management and policy, with tenure, School of Public Health, and professor of technology and operations, without tenure, Stephen M. Ross School of Business.



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



Sharon F. Matusik
Edward J. Frey Dean of Business
Stephen M. Ross School of Business

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