You're Invited

CENTER FOR THE ASSESSMENT OF TOBACCO REGULATIONS [CAsToR]

3.0 INAUGURAL EVENT

Recognizing 2nd Round of NIH Funding,
Twenty-Million Dollars, 2023-2028

Thursday, October 5, 2023,
3:30 - 4:45 pm EDT
University of Michigan, School of Public Health
Paul B. Cornely Community Room, 1680

In-Person Only

Hors d'oeuvres and refreshments provided by Katherine Catering

CENTER FOR THE ASSESSMENT OF TOBACCO REGULATIONS [CAsToR] 3.0 INAUGURAL EVENT

REMARKS BY:

Lynda Lisabeth, Sr. Associate Dean, UM School of Public Health

Eric Fearon, Director, UM Rogel Cancer Center

Helen Meissner, Director, Tobacco Regulatory Science Program

Denise Anthony, Chair, Health Mgt & Policy

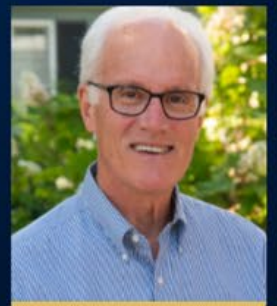
Belinda Needham, Chair, Epidemiology

David Mendez, PI, University of Michigan

David Levy, PI, Georgetown University

Rafael Meza, PI, BC Cancer Research Institute

Ritesh Mistry, Co-Investigator, UM



Kenneth Warner, Co-Investigator, UM

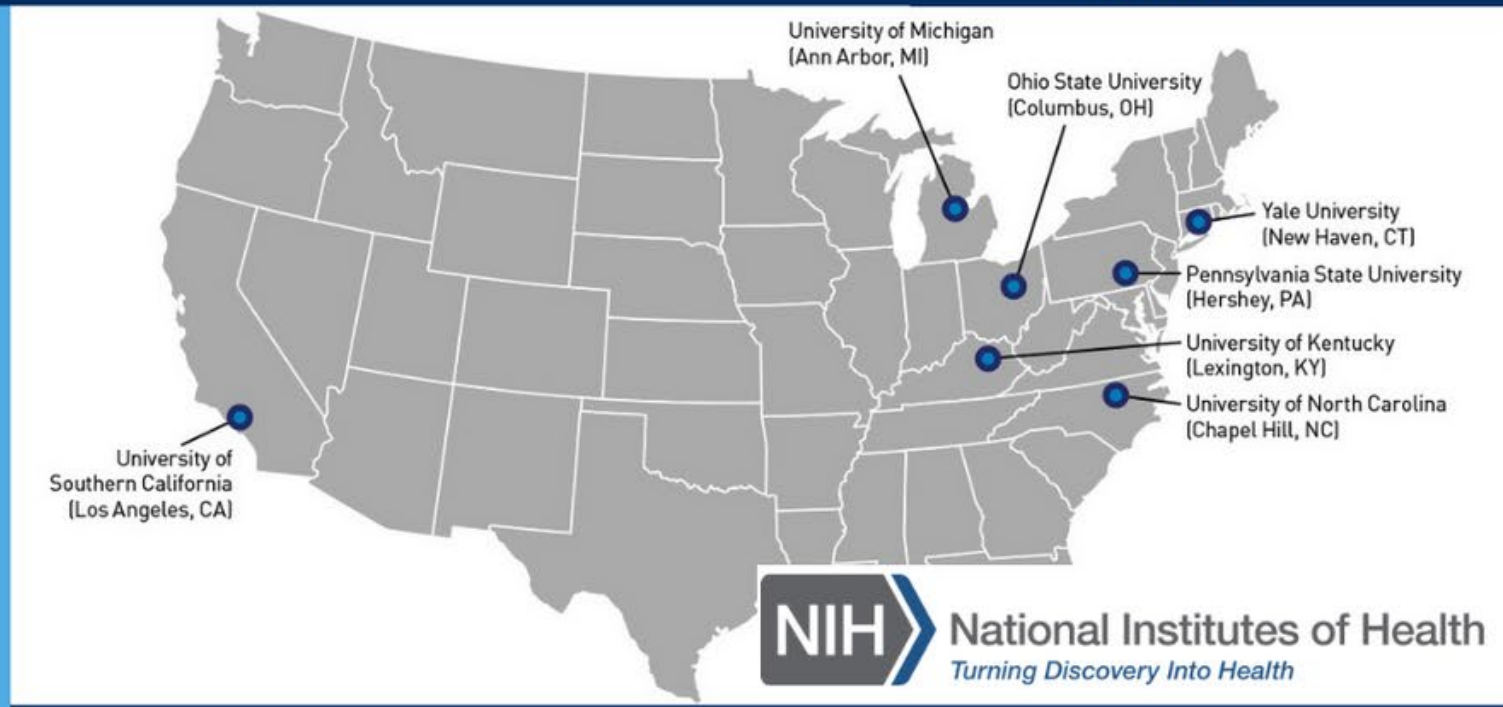
CAsToR funded for 5 more years

TCORS | Center for the Assessment of Tobacco Regulations [CAsToR]

The University of Michigan, Georgetown University, and the BC Cancer Research Institute's **Center for the Assessment of Tobacco Regulations (CAsToR) is one of the 7 centers funded as part of TCORS 3.0.**

The CAsToR award, **totalling 20 million dollars**, will provide an additional **5 years of funding to support the Center's work** studying the impact of tobacco regulations on tobacco use patterns and downstream health effects.

Congratulations to all CAsToR Investigators!



CAsToR Principal Investigators, left to right: **David Mendez**, PhD, Professor of Health Management and Policy, University of Michigan • **Rafael Meza**, PhD, Distinguished Scientist, British Columbia Cancer Research Institute • **David Levy**, PhD, Professor, Georgetown University Medical Center

David Mendez
University of Michigan

David Levy
Georgetown University

Rafael Meza
BC Cancer Research Institute

LEADERSHIP

TCORS 3.0

CENTER FOR THE ASSESSMENT OF TOBACCO REGULATIONS

CASTOR

September 1, 2023 - August 31, 2028

2U54CA229974 Funded by the National Institutes of Health, National Cancer Institute and Food and Drug Administration (FDA)

Our Sponsors

NIH National Institutes of Health *Turning Discovery Into Health*	$ 20,000,000.00
ROGEL CANCER CENTER UNIVERSITY OF MICHIGAN HEALTH	$ 300,000.00
SCHOOL OF PUBLIC HEALTH UNIVERSITY OF MICHIGAN	$ 250,000.00

CASTOR PUBLICATIONS: 2018-2023

By Scientific Domain:

- **35** Impact Analysis
- **46** Health Effects
- **87** Behavior

>120

Total Publications

THE PUBLIC HEALTH IMPACT OF A US BAN ON MENTHOL IN CIGARETTES AND CIGARS: A SIMULATION STUDY

Tob Control, 2021 Sep 2

> *OUR FINDINGS STRONGLY SUPPORT THE IMPLEMENTATION OF A BAN ON MENTHOL IN CIGARETTES AND CIGARS ON PUBLIC HEALTH GROUNDS.*

David Levy

Rafael Meza

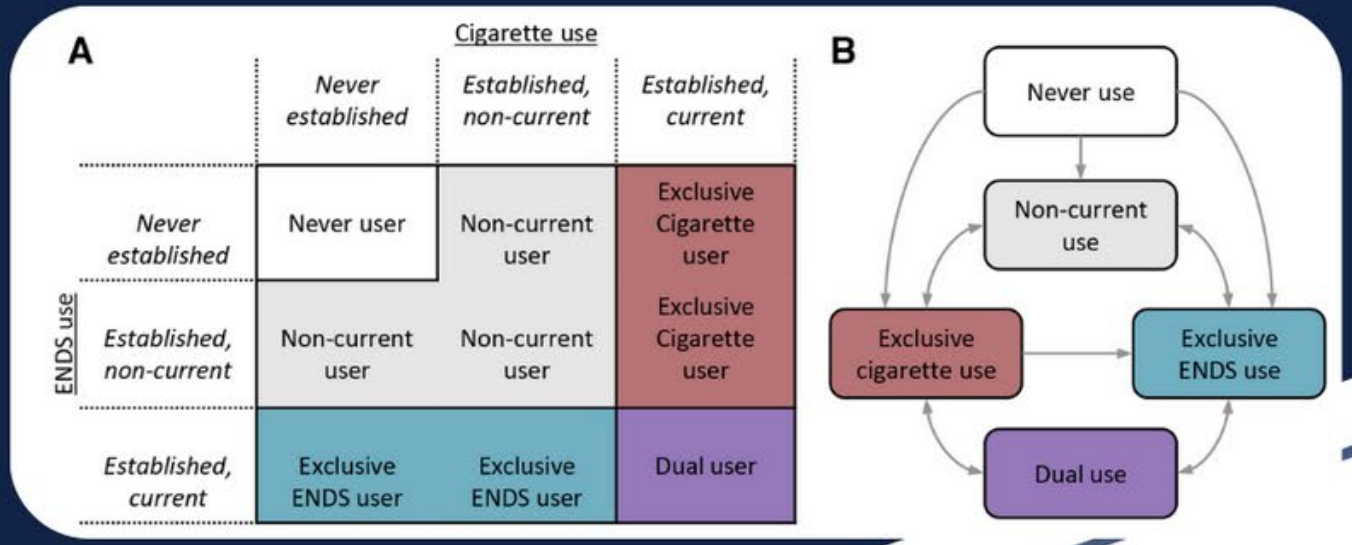
Nicotine Tobacco Res. Oct 2022

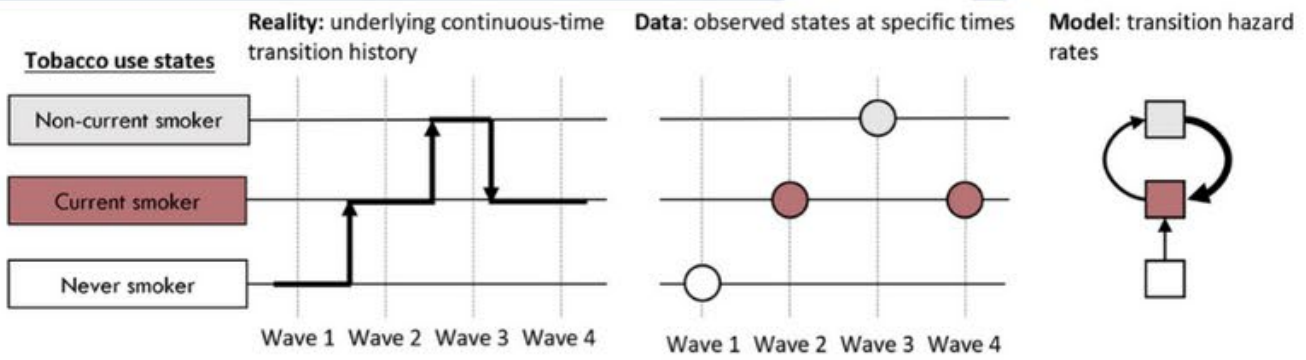
Monitoring the Increase in the U.S. Smoking Cessation Rate and Its Implication for Future Smoking Prevalence

> "The smoking cessation rate in the United States continues to increase, accelerating the decline in smoking prevalence. This increase suggests that the Healthy People 2030 goal of 5% adult smoking prevalence, while ambitious, is attainable."

WMSM Version 1.2

Dr. Brouwer developed a weighted multistate transition model to estimate underlying transition rates between tobacco use states from longitudinal data on individuals with complex survey designs and sample weights. This function was designed for use with data from the PATH Study, but it can be used for any longitudinal survey of individuals where weights need to be accounted for. This resource includes example code and a tutorial; the example focuses on more technical details, while the tutorial is a more friendly introduction to using the model.

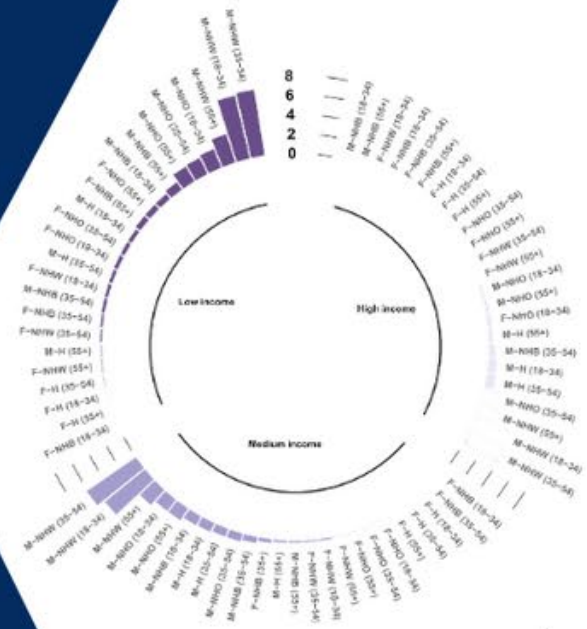


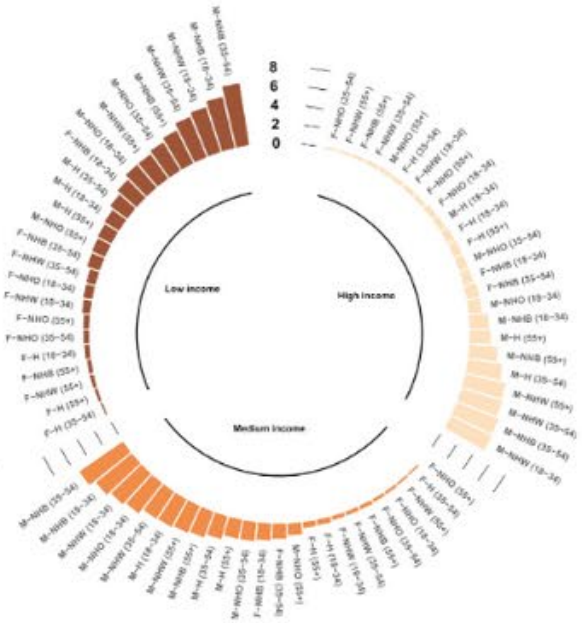


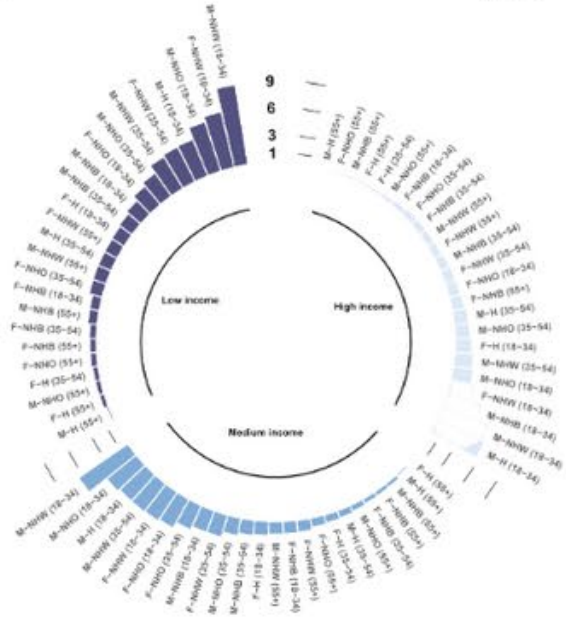
This version includes two important updates to the WMSM function:
1) the ability to apply covariates to only specific transitions and
2) the ability to estimate a hazard ratio for continuous covariates.

Disparities in Cigarette, E-cigarette, Cigar, and Smokeless Tobacco Use at the Intersection of Multiple Social Identities in the US Adult Population. Results From the Tobacco Use Supplement to the Current Population Survey 2018–2019 Survey

Nicotine & Tobacco Research, May 2023







> “Our intersectionality visualization tool is helpful to **uncover complex patterns of tobacco use**, facilitating the **identification of high-risk groups.**”

LONGITUDINAL ASSOCIATIONS BETWEEN EXCLUSIVE AND DUAL USE OF ELECTRONIC NICOTINE DELIVERY SYSTEMS AND CIGARETTES AND SELF-REPORTED INCIDENT DIAGNOSED CARDIOVASCULAR DISEASE AMONG ADULTS

Nicotine Tob Res. 2023 Mar.

"Compared to non-use, exclusive cigarette use was associated with an increased risk of self-reported incident-diagnosed cardiovascular disease over a 5-year period, while ENDS use was not. **Convincing adults who smoke cigarettes to stop smoking remains an important public health challenge with clear implications for cardiovascular health."**

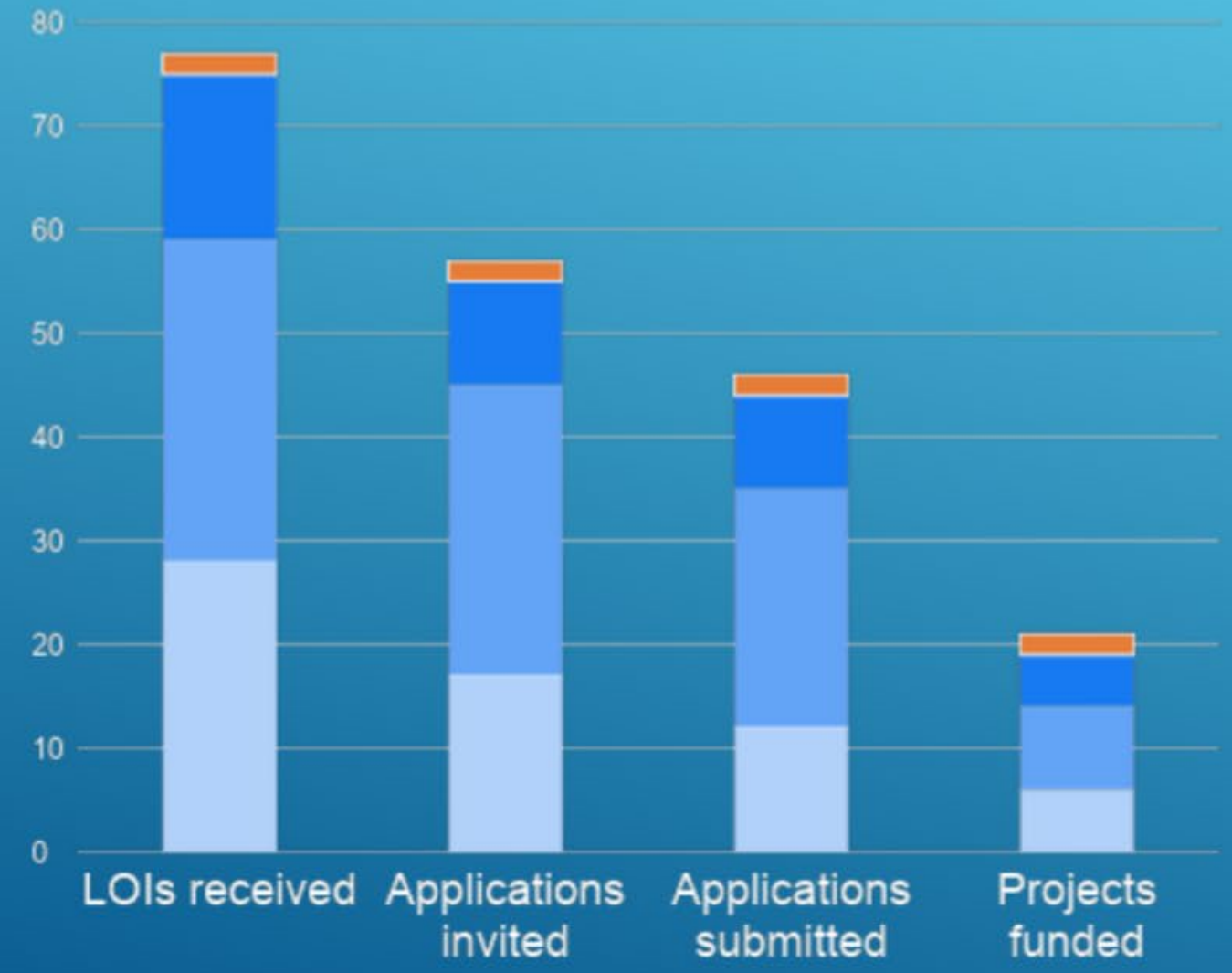
CIGARETTES, ENDS USE, AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE INCIDENCE: A PROSPECTIVE LONGITUDINAL STUDY

Am J Prev Med. Aug 2023

“Our findings highlight the importance of using prospective longitudinal data and adequately controlling for cigarette smoking history to assess the independent health effects of ENDS.”

Pilot Project Program

Total: $768,400



CAsToR DAD - Beaver Bulletin

November 30, 2022

Dear readers, we hope you had a restful and relaxing holiday!

Our TCORS 2.0 - CAsToR DAD Core created this bulletin to keep you updated on the latest data and resources available through the DAD.

What's new?

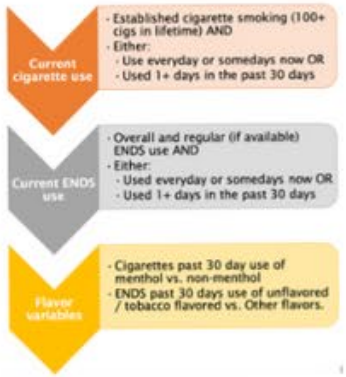
Cigarettes and ENDS use tables

The DAD core has been creating tables that will provide information about cigarettes and ENDS use among youth (aged 12–17) and adults (aged 18+) using data from different nationally representative surveys.

PATH	• Waves 5.5 & ATS
NHIS	• 2019, 2020 & 2021
NYTS	• 2011 to 2021
MTF	• 2017 to 2021
TUS-CPS	• 2014-2015, 2018-2019

More details:

To create these tables, we considered cigarettes and ENDS use status and stratified by flavors used when flavor information was available:



In these tables, unweighted counts, weighted counts, and percentages of cigarettes and ENDS use are presented:

- Overall
- By sex,
- Age group (12–14, 15–17, 18–24, 25–34, 35–44, 45–54, 55–64, 65+),
- And/or school grade for youth data.

The purpose of these data tables is to provide prevalence estimates for simulation modeling that evaluates the impact of cigarette and ENDS use on health outcomes.

One more thing...

PATH: Marijuana Ever-use Variables

The DAD Core derived a new set of variables indicating marijuana ever-use for youth and adults using PATH Waves 1–5 Public-Use Files. These variables will be used for the RRP project *"Association between flavored ENDS use and cigarette smoking initiation among youth"* led by Ritesh Mistry.

Thank you for reading!

If you would like us to cover any specific topics in upcoming issues click on the button below to let us know!

CAsToR Symposium 2021

Simulation Modeling in Tobacco Regulatory Science: Where are we and where should we go next?

June 7 - 9, 2021

SYMPOSIUM HOMEPAGE MON JUNE 7 TUE JUNE 8 WED JUNE 9

RECORDINGS FINAL PROCEEDINGS (PDF)

CAsToR 2023 Virtual Symposium

Computational Modeling in Tobacco Regulatory Science: Nicotine Reduction and Flavor Restrictions

May 17 & 18, 2023

SYMPOSIUM HOMEPAGE WED MAY 17 THU MAY 18

RECORDINGS AND SLIDES

TRS Education & Networking – Summer Courses

EPID 730

"Thank you, Dr. Meza! I learned a lot from your course! I also wanted to thank Dr. Jeon for helping me R code."

"I love the remote setting. Live lectures and living coding were easy to follow. This course is well structured."

"The instructor is very knowledgeable in this area and is very organized in delivering lecture materials, and he explained concepts very well."

"The instructors did a great job of making the material engaging by using stories, applied examples, etc. Breaks were sufficient, especially given the intensity of the material."

"This was really great! It also made me think about whether I would like to take the full course in Winter 2024."

EPID 793

TRS Education & Networking – Summer Courses

	Scholarships	Enrollment EPID 730	Enrollment EPID 793
Year 2	17	17	21
Year 3	19	19	19
Year 4	11	15	19
Year 5	13	16	17
Total	60	67	76

EPID 730: Simulation Modeling Tobacco Use, Health Effects and Policy Impacts

Drs. Meza and Jeon
Instructors

EPID 793: Complex Systems Modeling for Public Health Research

Drs. Eisenberg and Hayashi

Instructors

CAsToR Online Course

Tobacco & Nicotine:

Public Health, Science, Policy & Law

Cliff Douglas, JD

Adjunct Professor, University of Michigan School of Public Health

Director of the University of Michigan Tobacco Research Network

CAsToR is pleased to announce the launch of a **Massive Open Online Course, "Tobacco & Nicotine: Public Health, Science, Policy & Law"** available now on Coursera. Hosted by lead instructor and CAsToR co-Investigator Cliff Douglas of the University of Michigan School of Public Health, **the course features 18 noted tobacco control experts in a range of tobacco control areas and issues.**

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