

Yale SCHOOL OF PUBLIC HEALTH

Training opportunity in tobacco simulation modeling and American Indian and Alaska Native health

Why tobacco simulation modeling for AIAN populations?

Commercial tobacco use is the leading cause of preventable death in American Indian and Alaska Native (AIAN) communities, who have the highest smoking rates of any racial/ethnic group in the US. Tobacco simulation models are being used to evaluate the impact of tobacco control policies and guide decision-making, but they have not yet been developed for American Indian populations. There is a need for modeling research that guides policymaking to reduce tobacco use and improve AIAN health outcomes. The [Center for the Assessment for Tobacco Regulations](#) (CAsToR) is working in partnership with expert consultants at the [Black Hills Center for American Indian Health](#) to meet this need.

What is the training opportunity?

CAsToR is currently seeking Indigenous junior scientist(s) to join its research team. This training opportunity aims to support the next generation of junior scientists who will lead the development of tobacco simulation models that advance AIAN health.

CAsToR is eager to provide mentorship, training, and support for an Indigenous candidate or candidates at the graduate student, recent graduate (bachelor's or master's degree), or postdoctoral levels. This part-time (current students) or full-time (recent graduates/postdocs) training opportunity would be based in New Haven, CT at the Yale School of Public Health in the Department of Health Policy and Management. New Haven exists on Quinnipiac, Wappinger, and Paugussett land.

Ideal candidates have:

- Experience with a programming language such as R or python
- Background in STEM and/or health sciences
- Strong interest in research that advances the health of Indigenous communities
- Long-term career interests in science and health

The Center for the Assessment of Tobacco Regulations (CAsToR) is an NIH-funded research consortium that aims to provide evidence-based and expert-informed modeling of the behavioral and public health impacts of FDA tobacco rules or other regulatory actions. The CAsToR team includes investigators at University of Michigan, Georgetown University, BC Cancer Research Center, and Yale School of Public Health. Learn more about CAsToR at <https://tcors.umich.edu/index.php>

How do I apply? Who should I reach out to?

Please email a resume/CV and a brief statement of interest to:

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