

The Ohio State University
Center of Excellence in Regulatory Tobacco Science
(OSU-CERTS)

- One of 14 Tobacco Centers of Regulatory Science in the U.S.
 - Funded by the National Cancer Institute
 - \$18.6 M award over five year period (2013-2018)
 - Principal Investigators: Mary Ellen Wewers, Ph.D. & Peter Shields, M.D.

- OSU Center Goal:
 - Serve as a national leader in providing relevant scientific data to support regulatory decision making at the FDA's Center for Tobacco Products
 - Train students/postdoctoral researchers in the field of tobacco regulatory science
 - Provide start-up funding for pilot projects

- Overall Theme: Initiation and uptake of tobacco products
 - Areas of emphasis
 - Urban and rural adolescents and adults
 - Dual tobacco product use
 - Toxic exposures to tobacco products
 - Genetic susceptibilities to tobacco products
 - Tobacco product dependence and quitting behaviors
 - Advertising and marketing of tobacco products
 - Decision-making about tobacco product preferences

- Center Scientists
 - Twenty faculty members from seven OSU colleges (Public Health, Law, Medicine, Nursing, Arts & Sciences, Dentistry and Business)

- Center's Current Research Projects
 - Urban and Rural Male Youth Cohort Study of Tobacco Use in Ohio
 - *1000 adolescent urban and rural males* in Franklin County & Appalachia
 - Adolescent Trajectories, Exposures and Susceptibilities
 - Biomarkers of exposure, toxicity and genetics in *parents and siblings of urban and rural adolescent males* in Franklin County and Appalachia
 - Diversity of Tobacco Products Used and Purchased in Ohio
 - Study of 1200 *urban and rural adults* who use and purchase combustible products, smokeless products, electronic cigarettes and dual-use products in Franklin County and Appalachia
 - Comprehension of Health Risks in More or Less Arousing Affective Contexts
 - Well-controlled *experiments about decision-making and product preferences* based on graphic warning labels