RFA-OD-15-005
Chemistry, Toxicology, and Addiction Research on Waterpipe Tobacco

Pre-Application Webinar
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Participating Institutes: NCI, NHLBI, NICHD, NIDA, NIDCR, NIEHS
Purpose

• To encourage biomedical, behavioral, and social science research that will inform the development and evaluation of possible regulatory action on waterpipe (or hookah) tobacco products.

• Projects must address one or more of the five research areas listed in the FOA.

• The awards under this FOA will be administered by the National Institutes of Health (NIH) using designated funds from the FDA CTP for tobacco regulatory science.

• Research findings are expected to provide scientific underpinnings to inform the regulation of the manufacture, distribution, and marketing of waterpipes to protect public health.
Research Objectives and Scope

Must propose research relevant to one or more of these areas:

1. What harmful and potentially harmful constituents (HPHCs) (including but not limited to those on FDA’s established HPHC list) are present in smoke when waterpipe tobacco smoke is inhaled by the user and exhaled into the environment via a range of smoking topographies, including an intense smoking regimen (i.e., a smoking regimen more intense than the Beirut regimen), and how do the quantities change as smoking intensity changes?

2. What in vitro and/or in vivo assays can be used to distinguish toxicity of waterpipe tobacco smoke with special attention to cardiotoxicity, respiratory toxicity, neurotoxicity, genotoxicity, and carcinogenicity?
Research Objectives and Scope

Must propose research relevant to one or more of these areas:

3. What constituents, compounds, design features, and tobacco use behaviors impact the toxicity of waterpipe tobacco products and smoke?

4. What is the impact of waterpipe tobacco characteristics (such as ingredients, constituents, components, additives such as flavors, and design features) on use behaviors, including waterpipe tobacco dependence and intermittent and dual/poly tobacco product use patterns?

5. What is the impact of waterpipe tobacco experimentation among youth and young adults on progression to regular use of waterpipes, and on other tobacco product use, including transition to use of other tobacco products, and dual/poly tobacco product use?
Scientific Research Contacts

Applicants strongly encouraged to speak to scientific contacts listed in the RFA regarding responsiveness

NCI: Rachel Grana, PhD granar@mail.nih.gov
NHLBI: Lisa Postow, PhD lisa.postow@nih.gov
NICHD: Lynne Haverkos, MD lynne.haverkos@nih.gov
NIDA: Mary Kautz, PhD kautzm@nida.nih.gov
NIDCR: David Clark, DrPH david.clark2@nih.gov
NIEHS: Fred Tyson, PhD tyson2@niehs.nih.gov
Letter of Intent

• Due **October 13, 2015**

• Include:
  – Number and title of this funding opportunity
  – Descriptive title of proposed activity
  – Name(s), address(es), and telephone number(s) of the PD(s)/PI(s)
  – Names of other key personnel
  – Participating institution(s)
  – Specific aims

• Send to [TRSP@mail.nih.gov](mailto:TRSP@mail.nih.gov)
Applications

• Due **November 20, 2015** by 5:00 PM local time

• Budget **not to exceed $300k** in direct costs/year

• Project period **not to exceed 3 years**
More Information

Frequently Asked Questions: