

# OHAT Update

Kristina Thayer, PhD  
Office of Health Assessment and Translation  
National Institute of Environmental Health Sciences

NTP Board of Scientific Counselors Meeting  
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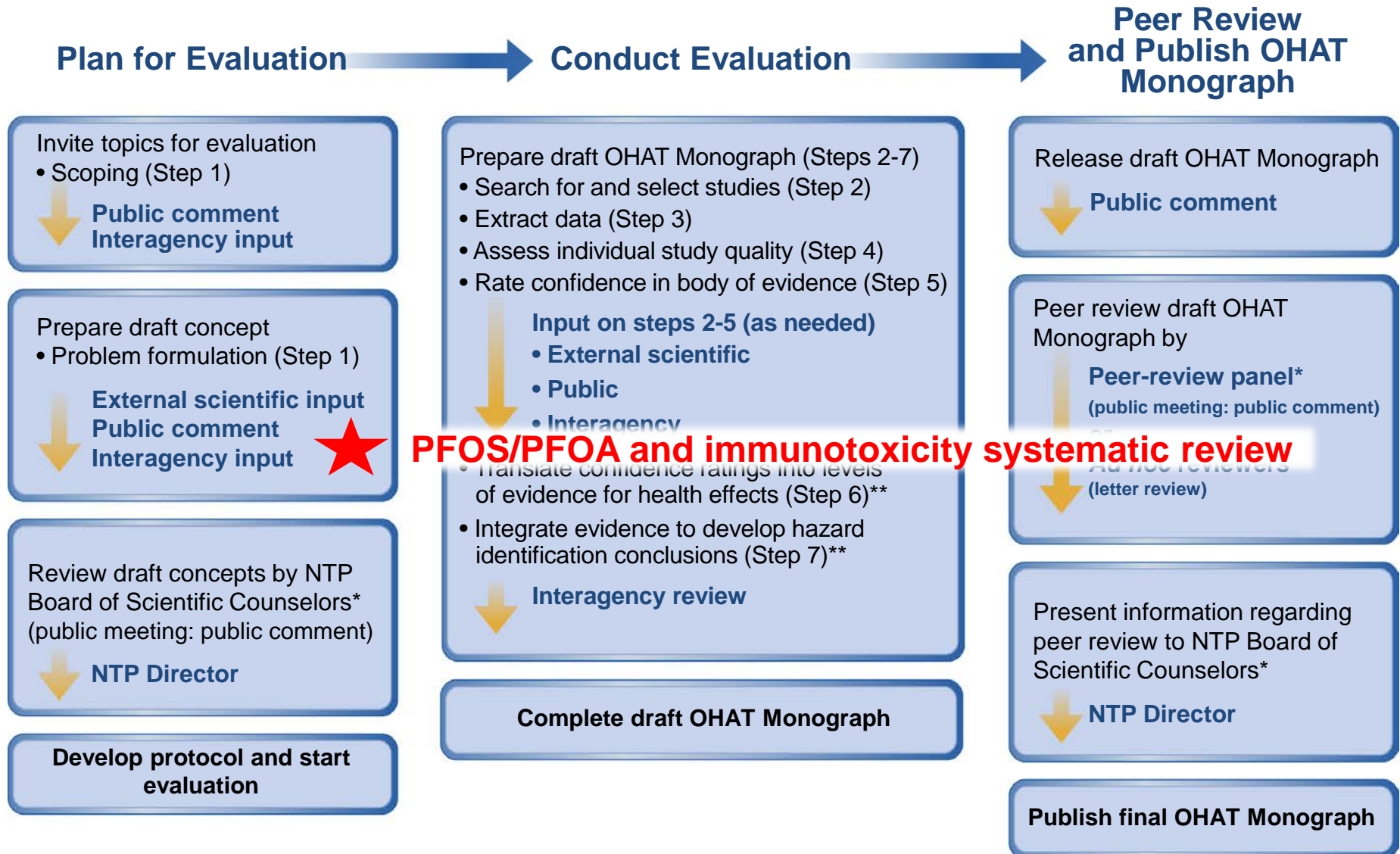


## Functions

- Literature-based evaluations
  - Non-cancer (OHAT) and cancer (Office of Report on Carcinogens)
  - Formats: NTP conclusions, state of science reports, expert panel meetings, information forums
- Method Development
  - Methods for conducting literature-based evaluations
  - Data display and warehousing
- Research
  - Address research needs identified in literature-based evaluations
  - Exposure assessment
  - Analyses related to Tox21 data



# OHAT Evaluation Process



Steps 1–7 refer to the OHAT Approach for Systematic Review and Evidence Integration for Literature-Based Environmental Health Science Assessments; for details see <http://ehp.niehs.nih.gov/1307972/>

\*federally chartered advisory group; \*\* not included in state of science evaluation



- Handbook for Conducting a Literature-Based Health Assessment Using NTP Office of Health Assessment and Translation (OHAT) Approach for Systematic Review and Evidence Integration
  - Peer-review complete, expect to post January 2015
- Identifying research needs for assessing safe use of high intakes of folic acid
  - Expert panel workshop: May 11-12, 2015, Natcher Conference Center, National Institutes of Health, Bethesda, MD
  - Cancer, cognition with B<sub>12</sub> deficiency, hypersensitivity, endocrine/metabolic
  - 18 panelists and a chair; panelists divided into subpanels



- Pregnancy outcomes associated with traffic-related air pollution (concept presented June 2014)
  - (1) gestational hypertension, and (2) neurological effects
  - Expect reports Q3 2015
- Adverse health effects associated with occupational exposure to cancer chemotherapy agents (concept presented June 2014)
  - Expect report Q3 2015



- BPA structural analogues and functional alternatives
  - Systematic review + similarity profiling (structural & across Tox21 and ToxCast platforms)
- Transgenerational inheritance of health effects (request for information 2013)
  - In problem formulation phase
- Co-organizing meeting with GRADE working group and Navigation Guide to refine methods for systematic review
  - Assess new bias tools for observational human studies + initial confidence in the evidence for human studies
- Updating OHAT Level of Concern (LoC) Categories
  - Research study to gather technical and public input to help inform how LoC conclusions are communicated