

## **NTP Tools and Approaches for Enhancing Evaluation and Communication of Analysis Activities**

This series of presentations is designed to showcase some of the software tools being assessed by OHAT to facilitate conducting a systematic review. Specific talks will focus on (1) the challenges of conducting comprehensive literature searches (Stephanie Holmgren); (2) use of text-mining/machine learning approaches to more efficiently identify questions for a systematic review during the problem formulation phase and potentially reduce the human screening burden (Ruchir Shah); (3) use of text-mining/machine learning approaches to inventory topics with large, complex literature bases, such as environmental influences on epigenetics (Katie Pelch); and (4) web-based software that can be used to guide structured data extraction, create interactive web-based reports to facilitate interpretation of findings across studies, and share the results of the systematic review (Andy Shapiro).