Brief Bio and (PR)$^2$ by Kathryn Hughes

Kathryn Hughes is a program officer with the Board on Chemical Sciences and Technology (BCST, http://dels.nas.edu/bcst), which she joined in 2006. In this role Dr. Hughes supports scientific and technical advisory committees working in the areas of chemistry and chemical engineering. She has worked on several studies pertaining to a variety of topics including assessing the health hazard posed by bioaerosols (2008), methods for disrupting IED terror campaigns (2008), research at the intersection of physical and life sciences (2009), and laboratory safety (2010). Currently, she is also supporting the U.S. National Committee for chemistry on behalf of the National Academies’ Board on International Scientific Organizations (http://sites.nationalacademies.org/PGA/biso/IUPAC/index.htm). Prior to joining the NRC staff, Dr. Hughes was a Science Policy Fellow with the American Chemical Society. She received her Ph.D. in Analytical Chemistry from the University of Michigan and holds a bachelors degree from Carleton College.

General Questions

1) What is (are) your main interest(s) in attending the workshop?

I’m interested in learning more about science mapping, and how it can be used to understand the development of a given research community or area of study. In addition, the National Research Council’s Board on Chemical Sciences and Technology has a standing interest in sustainability, and I look forward to learning more about sustainability science through this workshop.

2) What would you like to learn / achieve at the workshop?

On the science mapping side, I’d like to gain a better understanding of the available tools and their capabilities and limitations for analysis. I’m also interested in learning more about sustainability science and how it has evolved. In my experience, the term “sustainability” takes on different meanings in different contexts, and it will be interesting to see what impact this has on mapping the field.

3) What sustainability initiatives are you aware/part of?

I’m not a part of any specific sustainability initiative, but many studies within the National Academies and the Board on Chemical Sciences and Technology touch on issues of sustainability.