



# Sloan Career Cornerstone Center

## Profiles of Chemists



**Teri Quinn**

**National Research Council Postdoctoral Associate  
(Research Chemist)  
National Institute of Standards and Technology  
Gaithersburg, MD**

### **Education:**

B.S. - Chemistry, Jackson State University

Ph.D. - Analytical/Environmental Chemistry, University of Maryland, College Park

### **Job Description:**

National Research Council Postdoctoral Associate (Research Chemist)

### **Video Transcript:**

"I'm considered a research analytical chemist working on environmental problem. Here at NIST, we're using thermal ionization mass spectrometry where we actually look at sulfur isotopic ratios. We count atoms of sulfur where each atom of sulfur has a different mass. Where each source of sulfur would have a distinct ratio so we're thinking if we can get a source sample, measure that ratio for uh that particular source then we should be able to look at a atmospheric type sample and go back and look where that sample came from or where that sulfur came from in that source from in that sample."

### **"Profiles of Chemists"**

Prepared as part of the Sloan Career Cornerstone Center ([www.careercornerstone.org](http://www.careercornerstone.org))

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