Experience at Sandia National Laboratories

- **Most relevant areas worked**
  - Containment of underground nuclear tests
  - Nuclear weapons components
  - Response to terrorist threats involving nuclear explosives

- **Expertise employed in Macondo well flow analyses**
  - Fluid dynamics and thermodynamics
  - Optimization and parameter estimation
  - Analysis of data through physically-based models
  - Development of specialized mathematical models

- **Title: Senior Scientist**
  - Address urgent, challenging problems across multiple disciplines