

# Teaching 3D Spatial Skills Workshop with Sheryl Sorby

March 30, 8:30-3:30, and March 31, 8:30-11:30



This workshop includes two main elements:

- A review of the relevant research findings regarding the impact of spatial skills training for improved STEM outcomes
- Hands-on instruction with the curriculum developed by Dr. Sorby that is designed to help students develop their 3D spatial skills

Participants will learn key strategies for helping their students to develop their 3D spatial skills. These strategies can be readily implemented in K12 and university classrooms to help students, especially females, improve their 3D spatial skills.



**Provided by:** Center for STEM Education for Girls and Garrison Forest School

**Location:** Garrison Forest School, 300 Garrison Forest Rd, Owings Mills, MD 21117

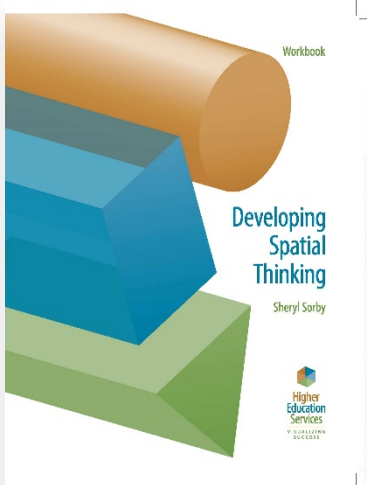
**Registration Fee:** \$300

**Register:**

<https://www.harpehall.org/podium/default.aspx?t=36644&rid=15217>

**Deadline:** March 20, 2016 (though early registration is preferred to ensure lunch choices and space available)

Dr. Sheryl Sorby is a Professor in the Engineering Education and Innovation Center at The Ohio State University and Professor Emerita of Mechanical Engineering-Engineering Mechanics at Michigan Technological University. She has served as Program Director within the Division of Undergraduate Education at the National Science Foundation. Her research interests include graphics and visualization. She has been the principal investigator or co-principal investigator on more than \$15M in external funding for educational projects and is the author of more than sixty journal publications and seven textbooks.



**General Questions, Problems Registering, or Workshop Full?**

Contact Stacy Gardner directly at [stacy.gardner@harpehall.org](mailto:stacy.gardner@harpehall.org)

**Questions about Logistics at Garrison Forest School?**

Contact Andrea Perry directly at [andreaperry@gfs.org](mailto:andreaperry@gfs.org)

