



# The Qualification Challenge!

**What:** The Local SMART Teams Qualification Challenge

**When:**

- Saturday, September 30<sup>th</sup>, 2017.
- Group A: 9:00-11:00 am. Group B: 12:00-2:00 pm.

**Where:**

- MSOE - The Grohmann Tower, 4<sup>th</sup> Floor. 233 E. Juneau Ave, Milwaukee, WI 53202.
- Parking: Viets Field parking structure at 1305 N. Broadway, or Broadway parking lot at 1020 N. Broadway, Milwaukee, WI 53202. (See attached map)

**Why:** The meeting objectives are to...

- Give an overview of the entire SMART Team project and goals
- Provide SMART Team students the opportunity to “strut their protein-modeling stuff”!
- Practice modeling proteins on a small scale in preparation for the Mentor Match Meeting and the Research and Design Phase project.
- Meet and greet with other local SMART Teams, and CBM staff.

**How:** With the guidance of their Teacher, Students will...

- Model the principles of chemistry that guide protein folding
- Download a pdb file and follow instructions to model it using Jmol
- Read and discuss a very brief article about the protein and write a basic abstract

## **BRING WITH YOU:**

- Laptop(s) – roughly 1 per every 3-4 students
- Notebook or loose-leaf paper & writing utensils
- The SMART Team Binder
- Optional: School SWAG to show off in a Team Photo

**RSVP** – no later than Tuesday, September 26<sup>th</sup>, 2017.

- This is a required Team event in order to advance to the Research and Design Phase.
- Teachers, please email your headcount (yourselves, students and additional chaperones) to Judy no later than 9/26/17.

**Questions?** Email Judy at [birschbach@msoe.edu](mailto:birschbach@msoe.edu)

# MSOE Campus Map

