



**SMART
Teams**
2017-2018
**MS
OE
UNIVERSITY**

SMART Team Program Goals

The overarching goal of the SMART Team program is to introduce students to the community of science as significant, but peripheral participants.¹

As active participants in this community, SMART Teams will be able to:

1. Discuss how the **process of modeling** is central to the way a research scientist constructs an understanding of the invisible molecular world.
2. Explain the relationship between **the structure and function of a protein** within the context of a “big picture”.
3. Examine and apply the **experimental evidence** supporting the relationship between protein structure and function.
4. Describe how members of a scientific community **collaborate and interact** to advance the community’s understanding of a field of science.
5. Demonstrate how to **communicate a project** to both a scientific and lay audience.

¹Smith, M. K. (2003-2009) ‘Communities of practice’, *the encyclopedia of informal education*, www.infed.org/biblio/communities_of_practice.htm