

## ***Beyond Boundaries:***

### ***Interdisciplinary Curriculum Development at Virginia Tech***

Destination Areas & Strategic Growth Areas

#### ***Guiding Principles***

As the DAs and SGAs continue to develop, several guiding principles emerged for programs and curricula that push us 'Beyond Boundaries'.

Virginia Tech students will engage in intentionally designed educational programs that...

- Expect future graduates to demonstrate interdisciplinary capacities to develop transdisciplinary solutions to the wicked problems of this century.
- Use a spiraling approach to scaffold increasingly complex levels of transdisciplinary problem-solving and develop student capacities for problem solving as they progress through their program(s) of study.
- Enhance the disciplinary degree excellence with experiential, applied learning experiences.
- Challenge students to work in diverse teams to take a 360° view of a problem space from multiple perspectives.
- Capitalize on the rich experiences and opportunities presented by VT's presence in the Commonwealth and the world.
- Prepare students to excel in their future vocations after graduation.
- Distinguish Virginia Tech as an international leader in transdisciplinary education for both undergraduate and graduate students.