Current Research Thrusts:

- **In-Situ Curing Methods**
  - Study methods for curing composites “on-the-fly” (i.e. during winding)
  - Identify process parameter windows

- **Waviness Development**
  - Develop an understanding of the mechanisms which produce fiber/ply waviness in manufactured parts
  - Identify methods for improved control of waviness development

- **Defect Criticality**
  - Identify the most performance-sensitive defects and their sources
  - Establish methods for reducing manufacturing-induced defects