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*