Teaching Points
Protein folding is influenced by several factors, one of which is the chemical properties of the amino acid sidechains. Through this exercise, students will explore the chemical properties that dictate the way a protein will fold. A flexible, foam-covered wire represents the backbone of the peptide while the push pins represent different properties of the amino acid sidechains.

Models in this Collection (Classroom Set)
- 12 4-foot toobers
- 12 tubes of push pins

Model Details
- 12 4-foot toobers
- 12 tubes of pushpins
  - 6 yellow
  - 3 white
  - 2 blue
  - 2 red
  - 2 green

Documentation included
- Teaching points and inventory
- How do the models fit back in the suitcase?
- 15 Tacks and a Four Foot Toober, Amino Acid Chart and Toober Variations