Student Engagement Model for Persistence in Higher Education
(factors that the research indicates impact student persistence)

Pre-college Factors & Pull-Factors
- Pre-College Ability
- Psychological Factors:
  - High School Environment
  - Home Environment
- Financial Needs
- Encouragement & Support from Family
- Environmental Pull Factors:
  - Family Responsibilities
  - Work Responsibilities
  - Commuting to College

Initial Commitments
- Educational Aspirations
- Commitment to Attending a Specific Institution

Academic & Social Experiences
- Formal/Informal Academic Interactions with Faculty & Staff
- Involvement in Learning Communities
  - In-class Experiences
  - Outside of Class Collaborative Learning
- Social Experiences
  - Peer Group Interactions
  - Involvement in Orgs.
- Campus Climates
  - Perceptions of Prejudice/Discrimination Tolerance vs. Acceptance
- Validating Experiences
  - Encouragement & Support from Faculty/Staff
- Mentoring Experiences
  - Faculty
  - Peers
  - Counseling/Advising Staff

Cognitive & Non-Cognitive Outcomes
- Academic Performance
  - GPA
- Academic & Intellectual Development
  - Perceived Cognitive Gains
  - Actual Gains
- Noncognitive Gains
  - Appreciation of Arts
  - Valuing Diversity
  - Acceptance of Others
  - Members of Global Society
  - Self-esteem
  - Self-efficacy

Final Commitments
- Educational Goal
  - Degree
  - Attainment
- Graduate School
- Institutional Commitment
  - Sense of Belonging
  - Worthwhile Experiences

Persistence
- Reenrollment in College

Adapted from College Student Retention (2012). The ACE Series on Higher Education.