

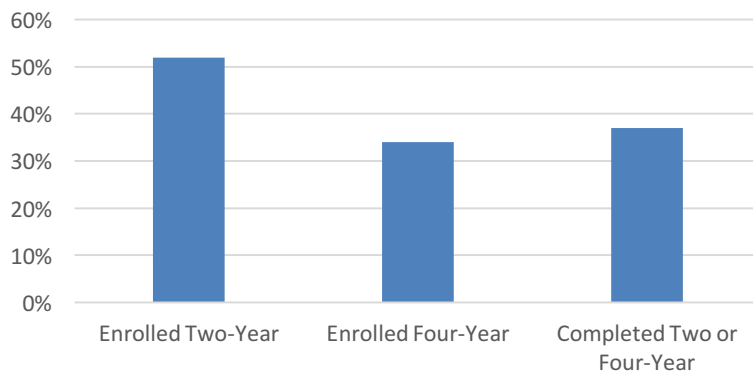


Non-cognitive factors that support postsecondary persistence in deaf and hard of hearing (DHH) students

What is postsecondary persistence?

Persistence in postsecondary settings refers to the likelihood that a student will remain in school, particularly past the first year of enrollment. Although DHH student enrollment in postsecondary settings has seen a significant increase, students continue to face obstacles to completion of their postsecondary degree goals, with high rates of attrition. Facilitating successful persistence is thus a critical issue in increasing education and work options for individuals who are DHH.

Postsecondary Enrollment and Completion Rates for DHH Young Adults 2000-2010 (NLTS2)



“Giving increased attention to personal factors, as well as metacognitive skills, may provide the necessary boost for more deaf students to persist and succeed in college”¹

Evolving Model of Persistence

- Although academic preparation is one predictor of postsecondary success, “non-cognitive” variables such as motivation, interest, and study habits affect persistence and graduation rates.^{13, 17}
- Although certain cognitive factors, such as English literacy skills, have been found to predict college enrollment in DHH individuals, but not completion or graduation.⁸ Thus, there is a need to explore “non-cognitive”, individual factors within DHH students.^{10, 9}
- From 1990-1998, approximately 80% of deaf students with 9th to 12th grade level literacy levels withdrew from NTID/RIT. This finding indicates that there are deaf students who have adequate academic skills but due to other factors, may still be likely to drop out of college.⁴

Factors Influencing Persistence in Postsecondary Settings

- **Students who persist have positive academic experiences^{5, 11}**
 - Spend informal mentorship time with faculty
 - Participate in study groups, with both deaf and hearing peers
 - Collaborate with their academic advisor

- **Students who persist have strong social skills to support academic achievement^{3, 19}**
 - Ability and willingness to become involved in social activities
 - Capacity to cope with frustration and to deal with conflict
 - Ability to follow directions and stay on task

- **Students who persist have high levels of social integration, meaning that they feel satisfied with social experience and being able to adjust life away from home.¹¹**
 - Participate in social events in the first year predicts later persistence
 - School clubs, sports, and fine art activities are important activities and structures.
 - Interaction with other deaf peers may have a positive impact on persistence¹⁷
 - However, too many extracurricular activities may be overwhelming¹⁵

- **Students who persist have clear goals and strategies¹⁴**
 - They are authentic with themselves, they know who they are
 - They have the desire to achieve educational goals at a particular school or program
 - They have “grit” and are “creative advocates”, especially in challenging conditions.

Strategies to support persistence for students who are deaf or hard of hearing

- Focus on ways to support both academic and social integration.
- Administer personal factors assessments to first year students to help predict academic progress and persistence.^{1,2}
- Emphasize the importance of determining a direction and purpose in pursuing higher education.¹¹

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