Ensuring Student Academic Success: Challenges & Strategies
Committee on Institutional Cooperation Diversity Forum 2001

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The Retention Issue

- 63% of 4-year college students earn a bachelor’s degree by age 30 (within 11 years of high school graduation)
- 6-year graduation rate is about 50%
- Mean “time-to-completion” of bachelor’s degree is about 5 years

Fig. 4 - Adjusted FGPA by Test Score

SAT Score

FGPA

Group

At Lrg (n=416)
SB (n=252)
### Coefficients

<table>
<thead>
<tr>
<th>Model</th>
<th>Unstandardized Coefficients</th>
<th>Standardized Coefficients</th>
<th>t</th>
<th>Sig.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>B</td>
<td>Std. Error</td>
<td>Beta</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>(Constant)</td>
<td>.984</td>
<td>.278</td>
<td>3.535</td>
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<tr>
<td></td>
<td>HSGPA</td>
<td>.306</td>
<td>.071</td>
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<tr>
<td></td>
<td>NATSAT</td>
<td>.150</td>
<td>.042</td>
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<td></td>
<td>County household income '95</td>
<td>1.197E-05</td>
<td>.000</td>
<td>3.846</td>
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<tr>
<td></td>
<td>Bridge</td>
<td>.312</td>
<td>.087</td>
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<td></td>
<td>DMSEXF</td>
<td>-6.20E-02</td>
<td>.057</td>
<td>-1.093</td>
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</tbody>
</table>

a. Dependent Variable: TERMGPA
## Effect Size

<table>
<thead>
<tr>
<th>Group</th>
<th>SB</th>
<th>AtLrg</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mean</strong></td>
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<td></td>
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<tr>
<td>Difference</td>
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<tr>
<td><strong>Std. Error</strong></td>
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<td><strong>Sig.</strong></td>
<td>a</td>
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<tr>
<td><strong>Lower Bound</strong></td>
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<td></td>
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<tr>
<td><strong>Upper Bound</strong></td>
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**95% Confidence Interval for Difference**

a. Based on estimated marginal means

The mean difference is significant at the .05 level.

*Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).*
Factors Affecting Retention

- Household Income
- Parental Education/Occupation
- Quality of Prior Schooling
- Prior Levels of Achievement
- College “Climate”/ “Fit”
- Campus support and resources
How can we bolster academic achievement and social adaptation among college students so as to promote their retention and graduation?
A Related Issue

- There are many students with outstanding potential for college success, but who do not have the advantages of affluence that are known to be related to graduation.
- These students are often highly motivated to succeed and will make significant contributions to society if afforded access to college and early support.
A Comprehensive Model

- Summer Bridge Program
- Summer Orientation
- Developmental Academic Advising
- Intensive Course Instruction
- Tutoring
- Study Groups
- Mentoring Program
Additional Programs

- Tutoring
- Mentoring Program
- Study Groups
- CSP 100 - Academic Socialization
- Summer Scholarship Program
- Campaign Excel
CSP Performance Measures

- Graduation Rate: 6-yr: 70%; overall: 76%
- Overall GPA: 2.6
- New Freshmen: 505
- Seniors: 523
- All CSP Students: 1,790
- Advising Contacts: 7,016
- Intensive Course Enrollment: 1,102
- Students in Good Academic Standing: 96%