### What's your institution type (Carnegie Basic Classification)?

<table>
<thead>
<tr>
<th>Institution Type</th>
<th>Total Responses</th>
<th>Unique Participants</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate's/Public</td>
<td>5</td>
<td>6</td>
<td>10.2</td>
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<tr>
<td>Baccalaureate College or University</td>
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<td>31</td>
<td>55.1</td>
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<tr>
<td>Master's College or University</td>
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<td>12</td>
<td>22.45</td>
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<tr>
<td>Research University/VH &amp; H</td>
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<td>6</td>
<td>10.2</td>
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<tr>
<td>Other</td>
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<td>2</td>
<td>2.04</td>
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<tr>
<td><strong>Total Responses</strong></td>
<td><strong>50</strong></td>
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### What are the roadblocks or barriers to students success in Year 1?

- poor math skills, unable to access their math skills in a real setting
- Courses impacted bc not enough faculty.
- lack of interdisciplined work and co-teaching opportunities
- Non-engaging 1st year courses
- Lack of understanding as what constitutes ownership for their learning
- No incentivization of faculty for student success
- Lecture format
- Not enough classroom sections
- too many prerequisites
- Not enough personal to help those undecided
- Intro courses intended by faculty as weed out courses
- student skills currently expected in HS do not match skills we expect them to have
- Large lecture sizes
- Large enrollment gateway courses
- GE is too many credits
- Curriculum inflexibility
- Remedial math
- Overwhelmed and do not know where to go for help
- lack of educational ownerships
- Lack of communication between faculty
- under prepared for college level STEM work
- Not ready for science to be hard
- Changing academic expectations
- Lack of preparation.
- Math prep. Low motivation
- lack of academic skills
- Lack of Math skills
- Not sure - we don't have a good understanding
- time management
- Time management
- Managing time and workload in the transition from high school to college.
- lack of metacognitive skill
- Overwhelmed and do not know where to go for help
- Basic math skills
- Not getting connected to resources and people
- Low Emotional intelligence
- All of the above
- Distracted by other activities
- not clear about their academic direction
- Lack of help seeking behaviors
- Change their frame on how to be a university student (instead of a high school student).
- fear of failure
- Lack of preparation.
- lack of community
- Math and college readiness. Life happening
- Discouraged students who can be successful but need some time to get adjusted
- Integration
- Challenges with increased faculty expectations
- I am from ABET, which accredits programs at universities and colleges. So N/A
- underprepared—emotional, academics, social
- Life Happens
- Not ready for science to be hard
- Inadequate preparation
- Lack of preparation
- Time management
- What is the filename of the presentation?
- How do measure track impact of stereotype threat
- Yes
- five year and 10 year plan / vision.
- What do they think science actually is
- Do they have an associates degree?
- motivation for attending college
- How many help programs have the previously been involved with
- their home zip code.
- who gives them advice
- perceptions about career choices
- What's your role on your campus?
- Science Faculty
- 22
- 44
- Engineering Faculty
- 2
- 4
- Math Faculty
- 5
- 10
- Other Faculty
- 1
- 2
- Administrator
- 6
- 12
- Both Faculty & Administrator
- 14
- 28
- Family history
- Social engagement on campus
tutoring, attendance
Class Participation
Family history
study habits
Financial situation
Course engagement
How much they work per week outside of school.
Attendance
ethnicity
attendance
pell grant recipients

### Total Responses

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<td>12</td>
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### What kind of data would you like to have?

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Time management
Lack of preparation
Math skills, navigating college
Developing effective study habits.
Math and Chem success
lack of awareness of metacognitive skills
overwhelmed with experience
Barrier course attrition
Under prepared
Intro courses serving as weed out courses
institutional and discipline culture
poor preparation
poor math and QR skills
Math preparation
time management
Number of courses to obtain degree
Lack of preparation
Lack of preparation
Not being connected to a cohort group.
Not knowing how to ask for help.
They come in unprepared from high school!