ASSOCIATION OF INDEPENDENT COLLEGES & UNIVERSITIES OF PENNSYLVANIA

MAKING THE CASE FOR INDEPENDENT HIGHER EDUCATION
Independent colleges have demonstrated their commitment to increasing access for low-income students.

Distribution of Low-Income Students By Educational Sector in Pennsylvania, 2011-2012

- Independent Colleges & Universities: 59,560
- State-Related Universities: 43,902
- State System of Higher Education: 37,160
- Community Colleges: 73,697

SOURCE: Low-income students are individuals receiving a Pell grant in academic year 2011-2012. Data obtained from End of Year Distribution of Federal Pell Grant Program Funds by Institution files, U.S. Department of Education, Office of Postsecondary Education.
In 2011-12, first-time, full-time undergraduates at Pennsylvania independent colleges and universities receiving financial aid received an average of $16,401 in grant aid from institutional sources.
As reported by the National Science Foundation, six of the top 50 per capita producers of PhDs in science and engineering nationwide are Pennsylvania private institutions:

- Swarthmore College (#5)
- Haverford College (#13)
- Bryn Mawr College (#17)
- Carnegie Mellon University (#22)
- Allegheny College (#38)
- Franklin and Marshall College (#49)

### STEM Bachelor’s Degrees Awarded in 2011-12, by minority, women, and total degrees

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>State System of Higher Education</td>
<td>183</td>
</tr>
<tr>
<td>State-Related Universities</td>
<td>870</td>
</tr>
<tr>
<td>Independent Colleges &amp; Universities</td>
<td>2,272</td>
</tr>
<tr>
<td>Total</td>
<td>7,107</td>
</tr>
</tbody>
</table>

- 1,481 STEM degrees to minorities
- 3,883 Stem degrees to women
- 8,838 Total STEM degrees

[Image of a graph showing STEM degrees awarded in 2011-12, categorized by minority, women, and total degrees.]
Independent college students are more likely to get their bachelor’s degree in 4 years than their public school peers.

Graduation Rates
2006 Freshman Cohort Seeking Bachelor’s Degrees

<table>
<thead>
<tr>
<th></th>
<th>67% in 4 years</th>
<th>79% in 6 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent Colleges &amp; Universities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State-Related Universities</td>
<td>48% in 4 years</td>
<td>70% in 6 years</td>
</tr>
<tr>
<td>State System of Higher Education</td>
<td>34% in 4 years</td>
<td>56% in 6 years</td>
</tr>
</tbody>
</table>

Percentage of Students Graduating in 4 and 6 Years
Graduates of Pennsylvania’s independent colleges and universities enter the workforce with degrees in some of the fastest-growing, highest paid industries.

High Priority Occupations, Private Sector Percent Share of Degree Field, 2011-12

- Accountants & Auditors
  - 55% of degrees from independent colleges & universities
  - 45% of degrees from public universities

- Industrial, Mechanical, & Civil Engineers
  - 50% of degrees from independent colleges & universities
  - 50% of degrees from public universities

- Registered Nurses
  - 72% of degrees from independent colleges & universities
  - 28% of degrees from public universities
Median Earnings of Pennsylvania Workers by Education Level

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Earnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>State residents with a graduate or professional degree</td>
<td>$65,127</td>
</tr>
<tr>
<td>State residents with a Bachelor’s degree</td>
<td>$48,127</td>
</tr>
<tr>
<td>State residents with an Associate’s degree</td>
<td>$33,815</td>
</tr>
<tr>
<td>State residents with a high school diploma</td>
<td>$27,930</td>
</tr>
</tbody>
</table>

Pennsylvania’s independent colleges and universities award over 67% of all advanced degrees in the Commonwealth.

Individuals who graduate from college will earn more over their lifetimes than persons who gain only a high school diploma.
TOTAL ECONOMIC IMPACT of Independent Colleges & Universities in Pennsylvania:

$16.1 billion

$4.58 billion in salaries each year
4th largest private sector employer in PA

Pennsylvania’s independent colleges and universities are a major driver of consumer spending in the Commonwealth.

Student Spending.................. $1.8 billion
Faculty & Staff Spending..... $5 billion
Visitor Spending................. $0.083 billion
Independent Colleges & Universities Continue to Create Stable, Long-Term Jobs

<table>
<thead>
<tr>
<th>Year</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>62,875</td>
</tr>
<tr>
<td>2004</td>
<td>71,472</td>
</tr>
<tr>
<td>2009</td>
<td>79,213</td>
</tr>
</tbody>
</table>

ECONOMIC IMPACT
In 2011-12 (latest data available), it cost the Pennsylvania state taxpayer...

$2,445 per degree at a PA private college or university

$18,001 per degree at a PA State-Related or State System University

Taxpayer funds used for higher education need to be spent wisely and efficiently.
## Pennsylvania’s Investment in Higher Education, 2012-13

<table>
<thead>
<tr>
<th>Sector</th>
<th>State Funds</th>
<th>% of Total $</th>
<th>% of PA Enroll</th>
<th>% of PA Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent Colleges &amp; Universities</td>
<td>$193,970,000</td>
<td>12%</td>
<td>41%</td>
<td>49%</td>
</tr>
<tr>
<td>State Related Universities</td>
<td>$628,093,000</td>
<td>39%</td>
<td>22%</td>
<td>25%</td>
</tr>
<tr>
<td>State System of Higher Education</td>
<td>$500,312,000</td>
<td>31%</td>
<td>16%</td>
<td>17%</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>$291,172,000</td>
<td>18%</td>
<td>20%</td>
<td>9%</td>
</tr>
</tbody>
</table>

### Total PA Investment in Higher Education
$1,613,547,000

**Note:** PHEAA funds are distributed to the sectors according to the grants received by students in that sector. All Higher Education funds are included except for capital funds and other programmatic appropriations for which we cannot obtain a sector distribution.
Independent colleges and universities are the most efficient investment Pennsylvania can make in higher education.

<table>
<thead>
<tr>
<th>Total in PA</th>
<th>Percent of PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment</td>
<td>293,010</td>
</tr>
<tr>
<td>Minority Enrollment</td>
<td>55,055</td>
</tr>
<tr>
<td>Non-Traditional, Undergraduate Enrollment</td>
<td>31,529</td>
</tr>
<tr>
<td>Bachelor’s Degrees</td>
<td>42,770</td>
</tr>
<tr>
<td>Advanced Degrees</td>
<td>29,892</td>
</tr>
<tr>
<td>Minority Bachelor’s Degrees</td>
<td>6,908</td>
</tr>
<tr>
<td>B.S. Degrees in Math, Science, &amp; Engineering</td>
<td>8,838</td>
</tr>
<tr>
<td>B.S. Degrees in Math, Science, &amp; Engineering Awarded to Minority Students</td>
<td>1,481</td>
</tr>
<tr>
<td>B.S. Degrees in Math, Science, &amp; Engineering Awarded to Women</td>
<td>3,883</td>
</tr>
</tbody>
</table>
Helping Middle Income Families

Students at all higher education institutions can benefit from a new initiative to target PHEAA grant assistance to those middle income families that struggle to pay for higher education.

AICUP supports legislation that would help families with incomes from $80,000 to $110,000. Lower income students receive assistance from the federal Pell grant and state PHEAA grant, but middle income students and their families receive little or no PHEAA grant funding.

Only 19% of PHEAA applicants with income between $80,000 and $110,000 received a grant.

By supporting a stronger higher education marketplace, this legislation would encourage all colleges to compete on price and quality and make higher education more accessible for all.

Research shows middle-income students end up with the most debt.

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Student Loan Debt by Parents’ Income

<table>
<thead>
<tr>
<th>Parents’ Income</th>
<th>Mean Debt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than $40,000</td>
<td>$8,230</td>
</tr>
<tr>
<td>$40,000-$59,999</td>
<td>$8,964</td>
</tr>
<tr>
<td>$60,000-$99,999</td>
<td>$10,760</td>
</tr>
<tr>
<td>$100,000-$149,000</td>
<td>$9,677</td>
</tr>
<tr>
<td>More than $150,000</td>
<td>$4,697</td>
</tr>
</tbody>
</table>

N=4448; Source: Robert Wood Johnson Foundation-Health Society & Scholars

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MIDDLE INCOME FAMILIES
Albright College, Reading
Allegany College, Meadville
Alvernia University, Reading
Arcadia University, Glenside
Baptist Bible College & Seminary, Clarks Summit
Bryn Athyn College of the New Church, Bryn Athyn
Bryn Mawr College, Bryn Mawr
Bucknell University, Lewisburg
Cabrini College, Radnor
Cairn University, Langhorne
Carlow University, Pittsburgh
Carnegie Mellon University, Pittsburgh
Cedar Crest College, Allentown
Chatham University, Pittsburgh
Chesnut Hill College, Philadelphia
Commonwealth Medical College, Scranton
Delaware Valley College, Doylestown
DeSales University, Center Valley
Dickinson College, Carlisle
Drexel University, Philadelphia
Duquesne University, Pittsburgh
Eastern University, St. Davids
Elizabethtown College, Elizabethtown
Franklin & Marshall College, Lancaster
Gannon University, Erie
Geneva College, Beaver Falls
Gettysburg College, Gettysburg
Graz College, Metrose Park
Grove City College, Grove City
Gwynedd Mercy University, Gwynedd Valley
Harcum College, Bryn Mawr
Harrisburg University of Science & Technology, Harrisburg
Haverford College, Haverford
Holy Family University, Philadelphia
Immaculata University, Immaculata
Johnson College, Scranton
Juniata College, Huntingdon
Keystone College, La Plume
King's College, Wilkes-Barre
La Roche College, Pittsburgh
La Salle University, Philadelphia
Lackawanna College, Scranton
Lafayette College, Easton
Lake Erie College of Osteopathic Medicine, Erie
Lancaster Bible College, Lancaster
Lebanon Valley College, Annville
Lehigh University, Bethlehem
Lycoming College, Williamsport
Manor College, Jenkintown
Marywood University, Scranton
Mercyhurst University, Erie
Messiah College, Grantham
Misericordia University, Dallas
Moore College of Art & Design, Philadelphia
Moravian College, Bethlehem
Mount Aloysius College, Cresson
Muhlenberg College, Allentown
Neumann University, Aston
Peirce College, Philadelphia
Pennsylvania College of Art & Design, Lancaster
Pennsylvania College of Health Sciences, Lancaster
Pennsylvania Institute of Technology, Media
Philadelphia College of Osteopathic Medicine, Philadelphia
Philadelphia University, Philadelphia
Point Park University, Pittsburgh
Robert Morris University, Moon Twp.
Rosemont College, Rosemont
Saint Francis University, Loretto
Saint Joseph's University, Philadelphia
Saint Vincent College, Latrobe
Seton Hill University, Greensburg
Susquehanna University, Selinsgrove
Swarthmore College, Swarthmore
Thiel College, Greenville
The University of the Arts, Philadelphia
University of Pennsylvania, Philadelphia
University of the Sciences, Philadelphia
The University of Scranton, Scranton
Ursinus College, Collegeville
Valley Forge Military College, Wayne
Villanova University, Villanova
Washington & Jefferson College, Washington
Waynesburg University, Waynesburg
Westminster College, New Wilmington
Widener University, Chester
Wilkes University, Wilkes-Barre
Wilson College, Chambersburg
York College of Pennsylvania, York
* denotes associate membership