Founded in 1900, the Association of American Universities is composed of America’s leading research universities. AAU’s 66 research universities transform lives through education, research, and innovation. Our member universities earn the majority of competitively awarded federal funding for research that improves public health, seeks to address national challenges, and contributes significantly to our economic strength, while educating and training tomorrow’s visionary leaders and innovators.

ECONOMIC IMPACT

5,033 Patents in 2019
5,340 Technology license agreements in 2019
4,632 Total operational startups in 2019

VALUE

60 Current Fortune 100 CEOs*
83% of AAU students graduate within 6 years**
58% of AAU students graduate debt-free

RESEARCH

$27.7 B Federal research dollars awarded in 2019

*CEOs who attended an AAU university as of 2020. **2019 graduation rate at AAU universities. ***Not including professional doctoral degrees.
811,222 Total employees at AAU universities in 2019

$95.5 Billion Total salaries paid by AAU universities in 2019

26 in Top 10 26 AAU universities were among the top 10 employers in their state as of 2019

39 in Top 50 39 AAU universities were in the top 50 for producing venture-capital-backed entrepreneurs as of 2020

5,033 Patents issued in 2019

5,340 Technology license agreements in 2019

4,632 Cumulative operational startup companies formed as of 2019

668 Startup companies created in home state in 2019

480 Startup companies created in home state in 2019
DEGREES AWARDED BY AAU UNIVERSITIES IN THE U.S. AS OF 2019

- 546,119 Total Degrees
- 31,418 Research Doctorates
- 25,642 Professional Practice Doctorates
- 173,217 Master’s Degrees
- 315,623 Bachelor’s Degrees

GRADUATES OF AAU UNIVERSITIES

- 24 Governors in 2020
- 269 Members of Congress in 2021
- 5 Joint Chiefs of Staff in 2020
- 13 U.S. Presidents 1900–2020
- 8 Current U.S. Supreme Court Justices
- 45 Supreme Court Justices 1900–2020
- 60 Fortune 100 CEOs in 2020
- 8,844 Teaching Degrees in 2019
- 7,028 Medical Degrees in 2020
- 2,601 Dental Degrees in 2019
- 9,295 Nursing Degrees in 2019

In 2019, AAU institutions awarded 49% of all research doctoral degrees and 20% of all undergraduate degrees in STEM and Social Sciences

RESEARCH DOCTORAL DEGREES in STEM out of National Total (2019)

- 58% Physical Sciences
- 58% Engineering
- 57% Math & Computer Sciences

BACHELOR’S DEGREES in STEM out of National Total (2019)

- 28% Engineering
- 27% Physical Sciences
- 25% Math & Computer Sciences

STUDENTS AT AAU UNIVERSITIES IN 2019

- 1.3 million Undergraduates
- 668,119 Graduate Students
- 44,447 Total Postdocs
- 397,956 International Students
- 96,709 Study Abroad

*For all 4-year U.S. institutions. **Number of Postdocs in 2018. *** Number of International Students in 2020.
### Institutional Grant Aid in 2019

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Institutional Grants</td>
<td>$1.60 Billion</td>
<td>$1.69 Billion</td>
<td>$1.79 Billion</td>
<td>$1.88 Billion</td>
<td>$2.01 Billion</td>
<td>$2.17 Billion</td>
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<tr>
<td>Federal Loans</td>
<td>$504.31 Million</td>
<td>$503.2 Million</td>
<td>$474.93 Million</td>
<td>$481.79 Million</td>
<td>$463.19 Million</td>
<td>$456.85 Million</td>
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<tr>
<td>Federal Grants</td>
<td>$266.03 Million</td>
<td>$270.87 Million</td>
<td>$269.41 Million</td>
<td>$270.66 Million</td>
<td>$291.2 Million</td>
<td>$317.48 Million</td>
</tr>
</tbody>
</table>

### 2019 AAU Graduation Rate

- **66%** in 4 years
- **81%** in 5 years
- **83%** in 6 years
- **76%**

### 2019 Graduation Rate at U.S. Bachelor Degree-Granting Institutions

- **45%** in 4 years
- **59%** in 5 years
- **63%** in 6 years
- **52%**

### Student Debt

- **Only 4 out of 10** AAU seniors with debt in 2019.
- **6 out of 10** public and private non-profit seniors with debt.

### Student Debt Default Rates

- **13.8%** FOR-PROFIT Universities
- **6.8%** NON-PROFIT Universities
- **2.8%** AAU Universities
62% of all American Academy of Arts and Sciences Fellows elected American Academy of Arts and Sciences Fellows affiliated with AAU universities.

49% of all National Academy Members are affiliated with AAU universities.

78% of all National Academy of Inventors are affiliated with AAU universities.

39% of all Nobel Prize winners are affiliated with an AAU university.

73% of all awardees are affiliated with an AAU university.

FEDERALLY FUNDED ACADEMIC RESEARCH AND DEVELOPMENT IN 2019*

<table>
<thead>
<tr>
<th>Department of Agriculture</th>
<th>Department of Defense</th>
<th>Department of Energy</th>
<th>Department of Health and Human Services (including NIH)</th>
<th>National Aeronautics and Space Administration</th>
<th>National Science Foundation</th>
<th>Other Federal Departments and Agencies</th>
<th>Total federal R&amp;D at AAU universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>$25B</td>
<td></td>
<td></td>
<td>$20B</td>
<td>$15.7 Billion</td>
<td>$1.1 Billion</td>
<td>$3.1 Billion</td>
<td>$1.5 Billion</td>
</tr>
</tbody>
</table>

*% of total amount awarded to AAU universities / total dollar amount received by AAU universities

28 Million Citations (2016-2020)*

2.8 Million Publications (2016-2020)*

55,273 Books Published (2010-2019) **

*Thomson-Reuters InCites  **2019 Academic Analytics

SCHOLARLY OUTPUT

23 research parks

78 university accelerator programs

$11.2 Billion in institutional contributions to research and development

RESOURCES

HONORS & AWARDS

49% of all National Academy Members at AAU universities

62% of all American Academy of Arts and Sciences Fellows

78% of all National Academy of Inventors

$21.4 Billion Total private research expenditures in 2019

Association of American Universities | 1200 New York Ave, Washington, DC | aau.edu | @AAUniversities |  

AAU 2021