**ABOUT AAU**

**65 LEADING RESEARCH UNIVERSITIES**

- **46 LAW SCHOOLS**
- **61 ENGINEERING SCHOOLS**
- **52 PUBLIC HEALTH PROGRAMS**
- **39 NURSING PROGRAMS**
- **37 PUBLIC UNIVERSITIES**
- **53 TEACHER CERTIFICATION PROGRAMS**
- **59 BUSINESS SCHOOLS**
- **47 MEDICAL SCHOOLS**
- **28 PRIVATE UNIVERSITIES**
- **16 LAND-GRAIN UNIVERSITIES**
- **16 INSTITUTIONS WHOSE HOSPITALS**

**EDUCATION 2020 Data**

- AAU universities make up only 3% of all 4-year universities in the U.S., yet award nearly 41% of all research doctorate degrees.

<table>
<thead>
<tr>
<th>% Degrees awarded by AAU universities</th>
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<tbody>
<tr>
<td>48% of all research doctoral degrees in STEM and Social Sciences</td>
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<tr>
<td>20% of all undergrad degrees in STEM and Social Sciences</td>
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<tr>
<td>58% of all research doctoral degrees in Arts, Humanities, and Music</td>
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<tr>
<td>14% of all undergrad degrees in Arts, Humanities, and Music</td>
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**ECONOMIC IMPACT**

- 5,583 Patents in 2020
- 5,241 Technology license agreements in 2020
- 4,268 Total operational startups in 2020
- 60 Current Fortune 100 CEOs

**VALUE**

- 84% of AAU students graduate within 6 years
- 57% of AAU students graduate debt-free

**RESEARCH**

- $28.9 B

**Founded in 1900**, the Association of American Universities is composed of America’s leading research universities. AAU’s 65 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.

1 CEOs who attended an AAU university as of 2021. 2 2020 graduation rate at AAU universities. 3 Not including professional doctoral degrees.
### ECONOMIC IMPACT OVER TIME (2010–20)

<table>
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<tr>
<th>Year</th>
<th>Patents</th>
<th>Licenses</th>
<th>Total operational startups</th>
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<tr>
<td>2020</td>
<td>5,583</td>
<td>5,241</td>
<td>4,268</td>
</tr>
</tbody>
</table>

### EMPLOYEES
- 794,947 Total employees at AAU universities in 2020

### SALARIES
- $100.4 Billion Total salaries paid by AAU universities in 2020

### EMPLOYMENT
- 25 in Top 10
  - 25 AAU universities were among the top 10 employers in their state as of 2020
- 38 in Top 50
  - 38 AAU universities were in the top 50 for producing venture-capital-backed entrepreneurs as of 2020

### ENTREPRENEURS
- 2020
  - 5,583 Patents issued in 2020
  - 5,241 Technology license agreements in 2020
  - 4,268 Cumulative operational startup companies formed as of 2020
  - 5,583 Patents issued in 2020
  - 5,241 Technology license agreements in 2020
  - 4,268 Cumulative operational startup companies formed as of 2020

### TOTAL STARTUPS
- 4,268 Cumulative operational startup companies formed as of 2020
- 676 Startup companies formed in 2020
- 453 Startup companies created in home state in 2020

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AAU America’s Leading Research Universities  aau.edu  @AAUniversities  ☑️
DEGREES AWARDED BY AAU UNIVERSITIES IN THE U.S. AS OF 2020

- **Total Degrees**: 560,239
- **Research Doctorates**: 30,358
- **Professional Practice Doctorates**: 26,194
- **Master's Degrees**: 177,899
- **Bachelor's Degrees**: 325,437

GRADUATES OF AAU UNIVERSITIES

- **Governors in 2021**: 24
- **Members of Congress in 2022**: 265
- **Joint Chiefs of Staff in 2021**: 5
- **U.S. Presidents 1900–2021**: 13
- **Current U.S. Supreme Court Justices**: 8
- **Supreme Court Justices 1900–2021**: 45
- **Fortune 100 CEOs in 2021**: 60
- **Teaching Degrees in 2020**: 8,902
- **Medical Degrees in 2021**: 7,222
- **Dental Degrees in 2020**: 2,649
- **Nursing Degrees in 2020**: 9,909

In 2020, AAU institutions awarded 48% 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 (2020)

- **59% Physical Sciences**
- **56% Engineering**
- **53% Math & Computer Sciences**
- **42% Life Sciences**
- **37% Psychology & Social Sciences**

BACHELOR'S DEGREES in STEM out of National Total (2020)

- **28% Engineering**
- **27% Physical Sciences**
- **27% Math & Computer Sciences**
- **22% Psychology & Social Sciences**
- **13% Life Sciences**

STUDENTS AT AAU UNIVERSITIES IN 2020

- **12% of all Undergraduates’ 1.3 million Undergraduates**
- **21% of all Graduate Students’ 668,824 Graduate Students**
- **68% of all Postdocs’ 45,793 Total Postdocs**
- **40% of all International Students’ 347,582 International Students**
- **29% of all Study Abroad Students’ 44,451 Study Abroad**

1 For all 4-year U.S. institutions. 2 Number of Postdocs in 2019. 3 Number of International Students in 2021.
In 2020, institutional grant aid made up 74% of the total financial aid awarded to students at AAU universities.

In 2020, only 4 out of 10 graduating seniors from AAU universities had debt, while 6 out of 10 graduating seniors from public and non-profit universities had debt.

Public and private non-profit seniors with debt

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Student Debt Default Rates

12.4% for-profit universities

6.3% non-profit universities

2.3% AAU universities

In 2020, institutional grant aid made up 74% of the total financial aid awarded to students at AAU universities.

INSTITUTIONAL GRANT AID IN 2020

TYPE OF AID
- Institutional Grants
- Federal Loans
- Federal Grants

Total
- $2.46 Billion
- $2.53 Billion
- $2.63 Billion
- $2.76 Billion
- $2.94 Billion
- $3.1 Billion

In 2020, institutional grant aid made up 74% of the total financial aid awarded to students at AAU universities.

2020 AAU GRADUATION RATE

- 66% in 4 years
- 82% in 5 years
- 84% in 6 years
- 77% in 6 years for Pell Grant Recipients

2020 GRADUATION RATE AT ALL U.S. BACHELOR'S DEGREE GRANTING INSTITUTIONS

- 60% in 4 years
- 60% in 5 years
- 64% in 6 years
- 53% in 6 years for Pell Grant Recipients

STUDENT DEBT DEFAULT RATES

12.4% for-profit universities

6.3% non-profit universities

2.3% AAU universities
62% of all American Academy of Arts and Sciences Fellows, 3,676
Elected American Academy of Arts and Sciences Fellows affiliated with AAU universities

48% of all National Academies Members, 4,009
Members of the National Academies at AAU universities

95% of all National Academy of Inventors
Member Institutions

$21.7 Billion
Total private research expenditures in 2020

39% of all winners are at AAU universities

73% of all awardees are affiliated with an AAU university

27 Million
Citations (2017-2021)

2.6 Million
Publications (2017-2021)

55,447
Books Published (2011-2020)

2,3 million
Publications (2017-2021)

27 Million
Citations (2017-2021)

2.6 Million
Publications (2017-2021)

55,447
Books Published (2011-2020)

23 research parks

78 university accelerator programs

$11.4 B
in institutional contributions to research and development