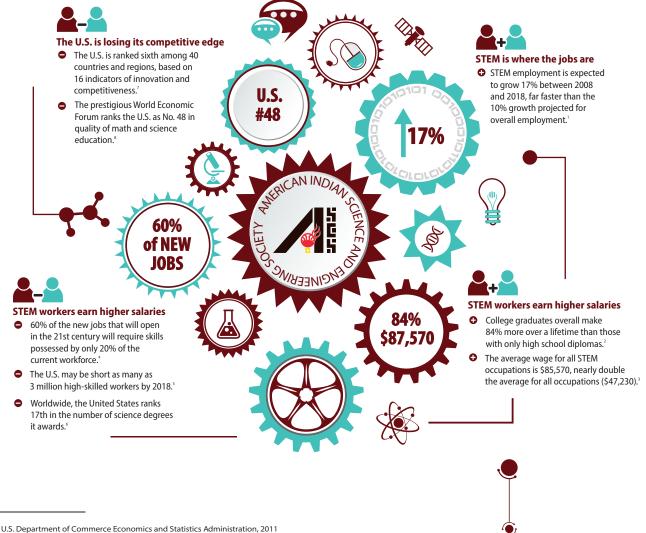
#### AMERICAN INDIAN SCIENCE AND ENGINEERING SOCIETY

# Why STEM for Native Americans?

Many individual Native Americans as well as tribal communities are not provided resources for, or access to, STEM (Science, Technology, Engineering, and Math) education. Too often when we address workforce development and economic development for Native Americans, STEM is left out of the conversation and yet 80% of the fastest growing occupations in the United States depend on some mastery of mathematics and scientific knowledge and skills. Native American mastery of STEM is fundamental to proactive management of tribal land and resources and overall economic success and yet all too often the educational pipeline used does not ensure Native American students are academically prepared to successfully undertake STEM studies when they enter college. The AISES mission is focused on closing these gaps.



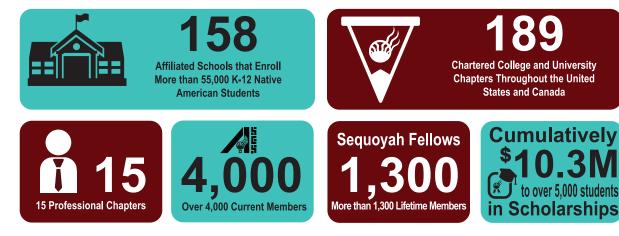
- 2 "What's it Worth? The Economic Value of College Majors" Georgetown University, 2010
- 3 Bureau of Labor Statistics data on occupational employment and wages, 2014
- 4 National Commission on Mathematics and Science for the Twenty-first Century, 2000
- 5 Georgetown University's Center on Education and the Workforce, 2010
- 6 Georgetown University's Center on Education and the Workforce, 2010
- 7 Information Technology and Innovation Foundation, 2009

<sup>8</sup> World Economic Forum

## AISES by the Numbers Today

- Over 4,000 Members
- \$10.3 Million in Academic Scholarships to Over 5,000 Students Since Inception
- 15 Professional Chapters

- 189 Chartered College and University Chapters
- 158 Affiliated Schools That Enroll More Than 55,000 K-12 Native Students



### 2015

- Membership: 3,727
- Academic and Travel Scholarships and Support: \$589,962
- Annual Revenue: \$3,189,215<sup>1</sup>
- Total Program Support Provided: \$2,465,831<sup>2</sup>

How we spent our funding in 2015<sup>3</sup>: Administration and Development = 25% Programmatic Support = 75%

#### 2014

- Membership: 3,289
- Academic and Travel Scholarships and Support: \$391,901
- Annual Revenue: \$2,740,432<sup>4</sup>
- Total Program Support Provided: \$2,072,690<sup>5</sup>

How we spent our funding in 2014<sup>6</sup>: Administration and Development = 27% Programmatic Support = 73%

#### 2013

- Membership: 2,819
- Academic and Travel Scholarships and Support: \$349,947

Based on 2015 draft financials not yet

- Annual Revenue: \$2,581,298<sup>7</sup>
- Total Pogram Support Provided: \$1,948,056<sup>8</sup>

How we spent our funding in 2013<sup>9</sup>: Administration and Development = 31% Programmatic Support = 69%

7 2013 audited financial statements. Available at www.aises.org.

AMERICAN INDIAN SCIENCE AND ENGINEERING SOCIETY



financial statements will be available in July 2016.

<sup>1 2015</sup> draft financials not yet audited. Audited financial statements will be available in July 2016 at <u>www.aises.org</u>.

 <sup>2015</sup> draft financials not yet audited. Audited financial statements will be available in July 2016 at <u>www.aises.org.</u>
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 <sup>2014</sup> audited financial statements. Available at <u>www.aises.org</u>.

<sup>5 2014</sup> audited financial statements. Available at www.aises.org.

<sup>6 2014</sup> audited financial statements. Available at <u>www.aises.org</u>.

<sup>8 2013</sup> audited financial statements. Available at <u>www.aises.org</u>.

<sup>9 2013</sup> audited financial statements. Available at www.aises.org