BUILDING A FUTURE READY WASHINGTON

In the entire K-12 school system of Wishram, Washington, there are 90 students. Thanks to advocacy from Washington STEM, they are receiving high-quality computer science education.

In Tacoma, 15 high school students are part of the Aerospace Joint Apprenticeship Committee pilot youth apprenticeship program, where high school students work to develop career-ready skills in the aerospace and advanced manufacturing industries. The program is a key example of career connected learning - an initiative that puts students on track for great jobs after graduation.

These programs are just two examples of the many ways Washington STEM works in partnership with educators, business, community, and government leaders to ensure that all Washington students develop the skills needed to thrive in our booming STEM economy.

In 2016, Washington STEM scaled our efforts to develop sound policies, strong partnerships, and innovative programs across four crucial program areas: Engineering & Science, Career Connected Learning, Computer Science, and Early Math. All of our work drives us towards increased access to high-quality, equitable STEM education and success for every student.

Thank you for partnering with us for another year. We deeply appreciate your continued commitment to Washington students.

Michael P. Delaney  
Board Chair, Washington STEM  
Vice President and General Manager, Airplane Development  
Boeing Commercial Airplanes

WASHINGTON STEM 2016 ANNUAL REPORT

WASHINGTON STEM BOARD OF DIRECTORS

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EARLY MATH
Achievement in early math has tremendous downstream effects in the forms of future academic achievement, attainment, and even economic opportunity. To bolster early learning in math, this year we’ve:

• awarded $300,000 in grants focused on increasing equity in early math;

• worked with South King County partners to develop math-focused early learning plans; and

• worked with University of Washington and Seattle Public Schools to support early learning professional development in math.

CAREER CONNECTED LEARNING
Employers, educators, and community organizations need support to deliver at scale high-quality internships, job shadows, design challenges, youth apprenticeships, expanded learning opportunities, and technical training. This year, we’ve:

• partnered with the National Governor’s Association and the Workforce Board to identify and scale promising practices in career connected learning;

• administered grants, through a contract with Pacific Education Institute, to eight STEM Network partners for FieldSTEM career connected learning opportunities totaling $45,000; and

• partnered with JPMorgan Chase & Co. to develop a Career Connected Learning Implementation Plan identifying high impact priorities in four regions across the state.

WSOS is a public/private state partnership that supports Washington students from low- and middle-income households to attain degrees in high-demand fields including science, technology, engineering, math (STEM), and health care. We’ve worked with them to increase rates of students applying to scholarships in our Network regions. This year we’re proud to announce we’ve contracted with WSOS to serve as their program administrator, aligning our programs even more closely.
ENGINEERING & SCIENCE

Engineers and science are essential to solving Washington’s most complex challenges. In 2016, we:

• partnered with Washington MESA to develop the Engineering Fellows program, which pairs fifth grade teachers with engineering professionals to develop real-world design challenges that engage and inspire students to learn engineering;

• supported 29 fifth grade teachers in implementing the first ever Engineering Fellows program; and

• took on leadership of the Engineering Education Leadership Initiative, a collaboration of statewide business and education professionals that works to bring engineering to education.

COMPUTER SCIENCE

Computer science—the ability to code, create algorithms, and analyze big data; to think computationally—is a fundamental driver of change in society and the workforce and an essential component to many of our state’s hottest jobs. In 2016, we:

• provided support to OSPI in the preparation, review, and launch of the Washington State K-12 Computer Science Standards;

• worked with OSPI to roll out Computer Science Education grants to communities across the state to increase access to Computer Science education; and

• convened representative Computer Science education leaders from K-12 and higher education throughout the state to assist in the finalization of the National K-12 Computer Science Framework.

SPOTLIGHT: PARTNERSHIPS

Our regional STEM Networks and key partnerships connect the STEM conversation across sectors by bringing educators, business, STEM professionals, and community leaders together. This year we’re proud to welcome the Tacoma STEAM Network, Apple STEM Network, Skagit STEM Network and Capital STEAM Network.
VISIONARY DONORS
A special thank you to the following visionary donors whose cumulative giving to Washington STEM since our inception has had an extraordinary impact on STEM education.

Washington STEM is committed to using our investors’ dollars effectively and efficiently, and we are dedicated to providing the best leverage possible. In 2015/2016, every dollar invested in our STEM Networks and Policy + Advocacy work leveraged an additional $10 in private and public investments in STEM education in Washington state.

$10,000,000+  
Bill & Melinda Gates Foundation  
Microsoft Corporation

$1,000,000+  
The Ballmer Group Philanthropy  
The Boeing Company

$500,000+  
Dean and Vicki Allen/McKinstry Charitable Foundation  
JPMorgan Chase & Co.

$250,000+  
100Kin10  
Bezos Family Foundation

College Spark Washington  
Jim and Jeannie Morris  
Urban Research Park CDE LLC

$100,000+  
Battelle  
Benevity Community Impact Fund  
Bill Lewis  
Discuren Charitable Foundation  
Rubens Family Foundation  
Schultz Family Foundation  
The Paul G. Allen Family Foundation

A full list of our 2016 donors is available at www.washingtonstem.org/annualreport2016.

“Washington STEM is better poised than anyone to lead the next generation conversation about how to fill the gap of our workforce needs”

Alisha Benson, COO, Greater Spokane Incorporated

FUNCTIONAL EXPENSES

<table>
<thead>
<tr>
<th></th>
<th>2016</th>
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<tbody>
<tr>
<td>Program Services</td>
<td>78%</td>
<td></td>
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<tr>
<td>Management &amp; General</td>
<td>9%</td>
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<tr>
<td>Fundraising</td>
<td>13%</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>2015</th>
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</tr>
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<tbody>
<tr>
<td>Program Services</td>
<td>73%</td>
<td></td>
</tr>
<tr>
<td>Management &amp; General</td>
<td>12%</td>
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<tr>
<td>Fundraising</td>
<td>15%</td>
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STATEMENT OF FINANCIAL POSITION (audited)

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<thead>
<tr>
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<th>2016</th>
<th>2015</th>
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<tbody>
<tr>
<td>Cash &amp; Investments</td>
<td>$4,168,668</td>
<td>$3,404,718</td>
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<tr>
<td>Pledges and Other Receivables</td>
<td>4,094,817</td>
<td>3,730,387</td>
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<tr>
<td>Equipment &amp; Other</td>
<td>122,264</td>
<td>64,452</td>
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<tr>
<td><strong>Total Assets</strong></td>
<td><strong>$8,385,949</strong></td>
<td><strong>$7,199,557</strong></td>
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<table>
<thead>
<tr>
<th></th>
<th>2016</th>
<th>2015</th>
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<tbody>
<tr>
<td>Unrestricted</td>
<td>$3,939,911</td>
<td>$3,801,801</td>
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<tr>
<td>Temporarily Restricted</td>
<td>4,034,351</td>
<td>3,061,213</td>
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<td><strong>Total Net Assets</strong></td>
<td><strong>7,974,262</strong></td>
<td><strong>6,863,014</strong></td>
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<tr>
<td>Total Liabilities</td>
<td>411,687</td>
<td>336,543</td>
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<tr>
<td><strong>Total Liabilities &amp; Net Assets</strong></td>
<td><strong>$8,385,949</strong></td>
<td><strong>$7,199,557</strong></td>
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STATEMENT OF ACTIVITIES (audited)

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<thead>
<tr>
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<th>2016</th>
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<tbody>
<tr>
<td>Revenues</td>
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<td>$4,844,202</td>
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<td>Program Services</td>
<td>4,622,618</td>
<td>2,647,798</td>
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<td>Management &amp; General</td>
<td>581,960</td>
<td>443,381</td>
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<td>Fundraising</td>
<td>750,959</td>
<td>559,776</td>
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<tr>
<td><strong>Expenses</strong></td>
<td><strong>5,935,537</strong></td>
<td><strong>3,650,955</strong></td>
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<tr>
<td>Change in Net Assets</td>
<td>1,111,248</td>
<td>1,193,247</td>
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<tr>
<td>Net Assets, Beginning of Period</td>
<td>6,863,014</td>
<td>5,669,767</td>
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<tr>
<td><strong>Net Assets, End of Period</strong></td>
<td><strong>$7,974,262</strong></td>
<td><strong>$6,863,014</strong></td>
</tr>
</tbody>
</table>

This financial statement is an excerpt of the full report audited by Clark Nuber, which is available at washingtonstem.org.