

# IT-ology<sup>®</sup> 2019

## Annual Report



# President's Letter

Dear Friends,

Every success that IT-oLogy achieved in 2019 is a tribute to the trust and goodwill of our donors, sponsors, customers, partners and stakeholders.

We believe in helping South Carolinians of all ages discover their unique talents in information technology by equipping them with the skills to prosper in a rapidly growing, global technology environment.

None of this could be accomplished without the support of our donors, both financial and in-kind. Additionally, we are grateful for the volunteers, students, parents, educators, business leaders and industry professionals who value and resonate with our vision and mission. We would like to express our sincere thanks to our Board of Directors for giving us the gift of their time. Today we create the workforce of the future!

**Tammy Mainwaring**  
President & CFO  
IT-oLogy



# Mission Statement

IT-oLogY's mission is to promote, teach and grow a diverse IT workforce to address the critical IT skills gap in South Carolina's talent pool.

We do this through offering innovative, interactive, high-quality programs, and events designed for 4k-12th graders and college students, educators, career changers and IT professionals.





# IT-oLogy Beliefs

**IT-oLogy believes that real, systemic change begins with early childhood education continuing through IT career professional development, creating a cradle-to-career pipeline.**

**Research confirms that in addition to technical skills, SC IT employers have a critical need for IT professionals with excellent interpersonal and communication skills. All of our core programs integrate soft skills creating the “Whole IT Professional.” IT-oLogy is committed to bringing together businesses, parents, educators and community leaders to close the IT skills gap in South Carolina.**

# IT-oLogy Methodology

IT-oLogy practices "Building the Whole IT Professional" by implementing the pictured cradle-to-career methodology. IT-oLogy's programs are designed to introduce technology to students in their formative years to foster a love and interest in technology while building their technology confidence.

IT-oLogy offers specialized programs, events and/or classes for individuals in Pre-K to current IT professionals. This methodology was crafted to support future IT leaders through every stage with the goal in mind of developing lifelong learners and IT professionals who give back to the community by filling important IT roles in South Carolina.



# 2018 - 2019 Impact

IT-oLogY has impacted every county in South Carolina through our K-12 field trips, competitions, teacher professional development, STEM festivals, IT professional development and conferences.

## By the numbers

**14,604 K-12 Students**

**3,080 Educators**

**3,752 Parents**

**2,502 Professionals**

**207 Volunteer  
Hours Logged  
in 2019**



# South Carolina Statistics

Source: CompTIA Cyberstates

**NET TECH JOBS GAINED  
IN SOUTH CAROLINA  
FROM 2010-2019**

# 34,408

Source: Code.org



**STUDENTS WHO LEARN COMPUTER SCIENCE IN  
HIGH SCHOOL ARE 6 TIMES MORE LIKELY TO  
MAJOR IN IT, AND WOMEN ARE 10 TIMES MORE  
LIKELY.**

Source: CompTIA Cyberstates

**TECH-RELATED EMPLOYMENT'S  
4% GROWTH RATE WAS THE SECOND  
HIGHEST IN THE STATE LAST YEAR**



Source: Code.org

# 2,550

**OPEN COMPUTING JOBS  
IN SOUTH CAROLINA  
CURRENTLY**

# K-12 Programs

In 2019, students across South Carolina gained IT career knowledge through IT-oLogy by experiencing Cyber Saturdays, field trips, summer camps and technology fairs.



**Cyber Saturdays**



**NCWIT Aspirations**

**After-School Enrichment**



**Cyber Summer Camps**



**Cyber Field Trips**

# Our Programs



IT-oLogy's core K-12 programs are designed to not only educate students, but to introduce them to the possibilities of technology. IT-oLogy offers customized program solutions for educators and parents.

All IT Enrichment programs align with South Carolina Department of Education Computer Science Standards, ITEEA Standards in Technology Literacy, and ISTE National Education Technology Standards and cross all disciplines.



"IT-oLogy's programs were an excellent introduction to technology for my children. The instructors, as well as the material, provided rich content at a level that could easily be absorbed and applied. Thank you so much!" -Parent



# Professional Programs and Events



At the Summit, we gather experts who present the latest research, trends and opportunities regarding South Carolina's information technology sector. We address our state's current IT workforce challenges and provide practical solutions to ensure a successful future.



Over the last 30 years, ITIL has become the most widely used framework for IT management in the world. It's the de facto global framework for IT departments. The ITIL certification is widely used and accepted as a framework for managing the IT lifecycle.



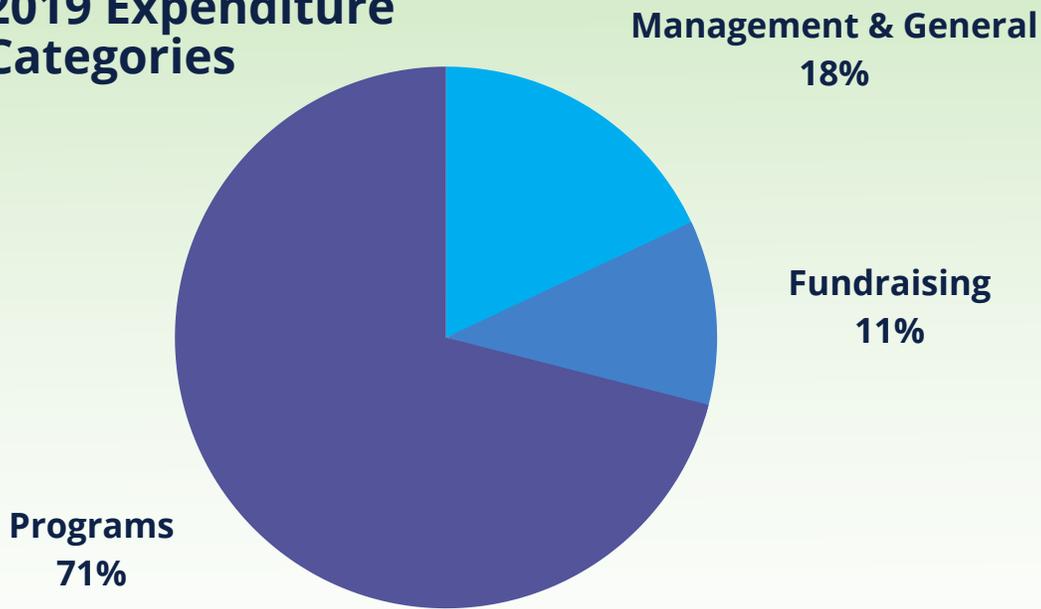
CompTIA, the world's leading tech association, has four IT certification series that test different knowledge standards – from entry-level to expert. The unparalleled programs set industry standards, foster skills development and generate knowledge and insight every day.

## Team Building

By incorporating high-quality, technology-based activities with strong collaboration and communication skills, your employees are sure to have a blast—all while building team morale, trust and motivation. Using technology gadgets such as robots, drones and virtual reality, team members are challenged to work together to code, design and problem solve different scenarios.

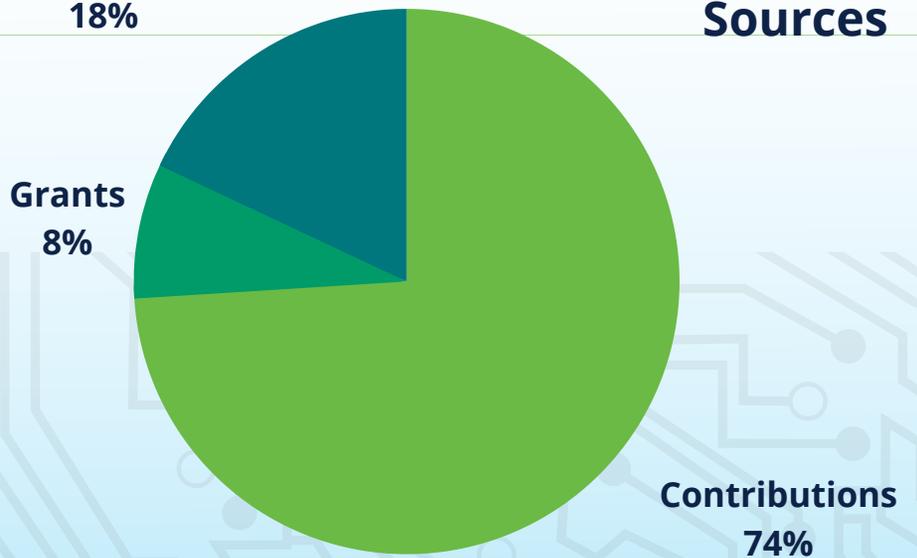
# 2019 Finances

## 2019 Expenditure Categories



Program Fees  
18%

## 2019 Revenue Sources



# IT-oLogy® Collaborators



# IT-oLogy Board of Directors



**Steve Wiggins: Chair**  
Retired Executive  
V.P. & CIO  
BlueCross BlueShield of  
South Carolina



**Lola Jordan**  
President  
Companion Data  
Services



**Terry Floyd**  
V.P. & Managing Partner  
TM Floyd & Company



**Sandy Smith**  
Senior Development  
Officer & Assistant V.P.  
for Internal Support  
within the I/S division  
BlueCross BlueShield of  
South Carolina



**Bill Kirkland**  
Executive Director  
University of South  
Carolina Office of  
Economic Engagement



**IT-oLoggy is a registered 501(c)3 nonprofit organization.**