

COLORADO FUTURETEK

2012 ANNUAL REPORT





From Our Founders

Since our establishment as a 501(c)(3) non-profit corporation, Colorado Futuretek has continued to pursue our mission to provide enrichment training and resources to help African American and other underrepresented minority high school students obtain marketable skills in the Information Technology and Computer industries. In this regard, we have established a set of successful, ongoing programs that we believe are practical and positive ways to help these students become productive citizens who will help fill the widely recognized need for technically trained professionals over the next decade.

Among our significant accomplishments during 2012, Colorado Futuretek became officially affiliated with the Cisco Networking Academy. Five of our instructors completed Cisco Certified Instructor Training for CCNA Discovery: Networking for Home and Small Business.

A major key to our success has been our ability to collaborate with businesses, community organizations, schools, and churches to help recruit students, to provide facilities for our programs, and to place students in internships. Our 2012 programs included the following:

- Introduction to Computer Networking, is an elective class taught during trimester 2 (and currently being taught during trimester 3) at the Denver School of Science and Technology (DSST) Green Valley Ranch High School.
- SummerTEK 2012, our second year of this successful program provided 6 weeks of training and was hosted at the House Worship Center, Denver CO.
- Computer Networking Engineering Training (CNET). This after-school program provided two semesters of training at the Institute of Science & Technology in Aurora, CO.
- Student Internship Program. To date, we have facilitated internships for three students who excelled in our training programs. They have worked for employers including RTL Networks, Triunity Engineering & Management, and Colorado Futuretek.

We want to take this opportunity to thank all of our supporters for helping us to provide opportunities for our young people to succeed!



Who We Are

Colorado Futuretek is a 501(c)(3) non-profit corporation that provides IT and computer training to African American and other underrepresented minority high school students.

Our Vision

To help African American and other underrepresented minority students bridge the “Digital Divide” by preparing them for jobs and careers that are least affected by outsourcing.

We plan to leverage the experience and expertise of engineers, entrepreneurs, and other business professionals to support this effort.

Our Mission

To provide enrichment training and resources to help African American and other underrepresented minority high school students obtain marketable skills in the IT and computer industry.

Our Values

Integrity

We are honest, truthful, and trustworthy in our behavior and in every aspect of our work.

Results

We strive for the highest quality in all that we do, and we are committed to continuous improvement.

Excellence

We focus on measurable results that we will use to build more effective programs.

Innovation

We will consistently evaluate new educational tools and technology as we seek better ways to teach and equip students for future opportunities.



Elective Classes at DSST

Computer networking courses for students at the Denver School of Science and Technology (DSST) Green Valley Ranch High School

Our first class, entitled *Introduction to Computer Networking*, started in Trimester 2 and continues through Trimester 3 of the 2012–2013 school year. Based on the success of our first class, Colorado Futuretek was asked to teach an additional elective class during Trimester 3. The second class is entitled *Introduction to Microcontrollers*. Our team of instructors taught 14 students during Trimester 2, and are currently teaching 24 students during Trimester 3.

We plan to cultivate our relationship with DSST GVR HS, and we hope to continue offering classes there in the future.



SummerTEK

SummerTEK is an exciting 6-week summer program offered by Colorado Futuretek Inc. for African American and other minority students who are currently in high school, or incoming freshmen.



SummerTEK is a great opportunity to learn about the basic building blocks of computer networks for home and small business enterprises in a supportive, user-friendly environment.

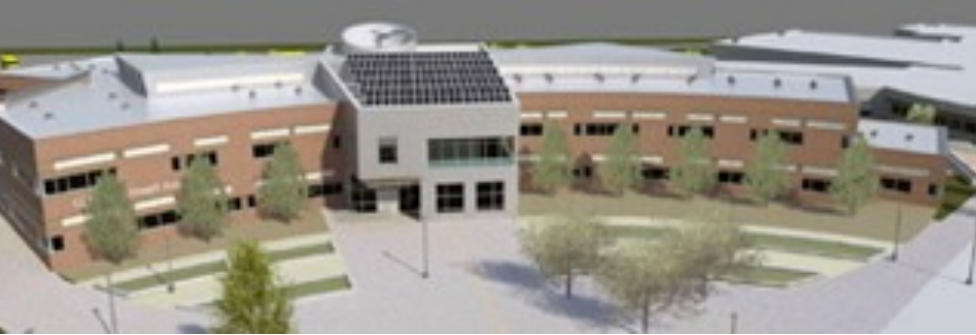


In SummerTEK classes and labs, these students learn about computer networking, which is projected to be one of the fastest growing career fields over the next decade. The knowledge and skills they acquire in this course can help start them on a path toward one of the following innovative and rewarding careers:

- Network Administrator
- Network Engineer
- Network Technician
- Network Installer
- Help Desk Technician

Our students used the CCNA Discovery: Networking for Home and Small Businesses curriculum from Cisco Press. In addition to those who may be interested in the high-growth fields of information technology and computer networking as a possible career, this course is also valuable for students who aspire to own their own business.

SummerTEK students attended field trips to state-of-the-art computer networking facilities in the Denver area, such as the Comstor LEAP (Learn, Experience, Architect, and Plan) Center, and Northrop Grumman Information Systems. While learning technical concepts, students also improved their teamwork, problem-solving and verbal/written communication skills.



CNET

Computer Networking Engineering Training (CNET) at the Institute of Science and Technology.

Computer Networking Engineering Training (CNET) was an after-school program that taught students about the basic building blocks of computer networks for home and small business enterprises. This class used NetSim simulation software and Cisco Systems' excellent CCNA Discovery Curriculum. Colorado Futuretek instructors taught CNET classes during both semesters of the 2011-2012 academic school year at the Institute of Science and Technology (IST) in Aurora, Colorado. The knowledge and skills acquired by CNET students are similar to those of SummerTEK, but at a more detailed level.





“Colorado Futuretek provides tuition-free training to help our students obtain marketable IT and Computer skills for the future.”

Ron Fontenot Sr.,
President, Colorado FutureTek



Student Internship Program

Our Summer Internship Program works to match students who excel in our training programs with paid internships with large and small businesses in the IT and Computer industries.



To date, our internship program has placed three students working at Triunity Engineering & Management, RTL Networks, and our own SummerTek 2012 program.

Key Program Features

- Recruits and trains students in computer networking basics.
- Enlists businesses to participate in our Student Internship Program. Companies that participate by providing intern positions benefit by gaining early exposure to potential future employees who are already familiar with their work environment.
- Matches students who excel in our programs with paid internships at large and small businesses where they can gain relevant experience in a professional working environment.
- Seeks grants and donations from corporations, charitable foundations and individuals to help subsidize our student internships at small businesses.

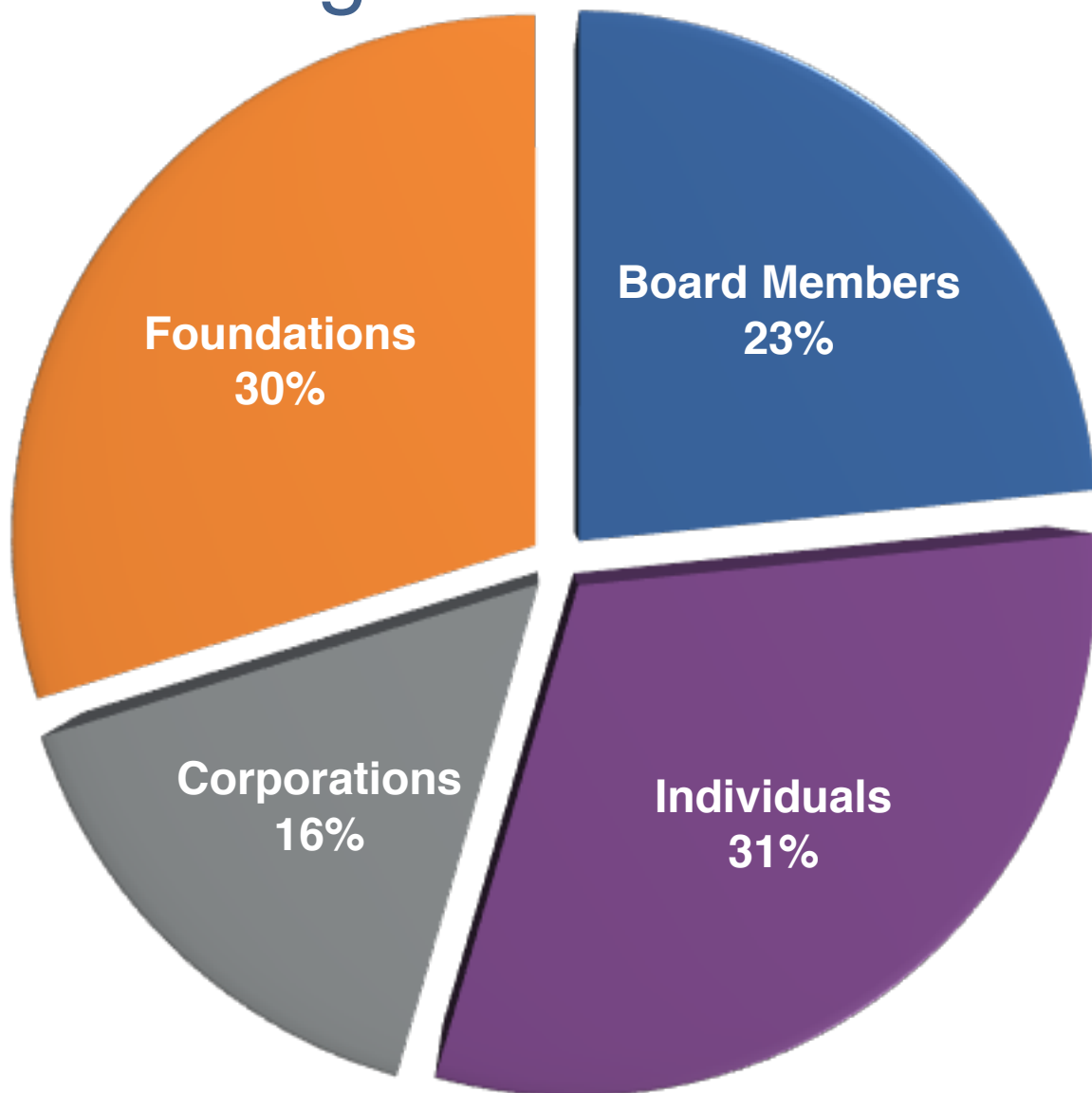
A young man with dark hair, wearing a dark blue polo shirt with white horizontal stripes, is shown in profile, looking upwards and to the right. He is in a classroom or lab setting, with a whiteboard and other students visible in the background. The image is partially overlaid with a blue semi-transparent rectangle containing text.

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“Our goal is to help students become productive citizens who will fill the widely recognized need for trained technical professionals.”

Computer networking is projected to be one of the fastest growing fields over the next ten years.

Our Funding



2012 Cash Donation Sources

Thanks to the contributions of foundations, corporations and individuals, Colorado Futuretek provides all of our training programs tuition-free to the students.

Board Members	\$3,940
Foundations	\$5,000.00
Corporations	\$2,650.00
Individuals	\$5,215.00
Total 2012 Cash Donations	\$16,805.00

2012 Income/Expenses

Income	
Cash Donations	\$ 16,805.00
DSST GVR HS Instructor Services	\$ 575.00
SummerTEK Registration fees	\$ 550.00
Sale of Donated Equipment	\$ 356.30
Interest Income	\$ 0.35
Total Income	\$ 18,286.65

Expense	
Bank Charge	\$ 31.99
Business Meals	\$ 300.70
Educational fees	\$ 93.00
Cisco Instructor Training	\$ 1,835.00
Fund Raising Expenses	\$ 193.72
Cisco Networking Academy Instructor Salaries (DSST GVR HS)	\$ 450.00
Office Equipment	\$ 349.99
CNET Student Binders and Classroom Supplies	\$ 315.44
CNET Student Flash Drives	\$ 89.85
CNET Student Awards	\$ 200.00
SummerTEK Parent/Student Orientation Breakfast	\$ 270.00
SummerTEK T-shirts w/logo	\$ 333.22
SummerTEK Field Trip Expenses	\$ 430.19
SummerTEK Student Computers	\$ 3,333.12
SummerTEK Student Daily Lunches	\$ 3,000.00
SummerTEK Binders and Classroom Supplies	\$ 328.23
SummerTEK Awards Luncheon	\$ 317.46
SummerTEK Host Appreciation Award	\$ 100.00
Student Intern Stipend	\$ 1,175.00
Postage	\$ 140.67
Post Office Box Rental	\$ 218.00
Total Expense	\$ 13,505.58

Expenses Covered by In-Kind Donations	
246 CNET Volunteer Instructor Hours	
100 CNET Volunteer Staff Hours	
343 SummerTEK Volunteer Instructor Hours	
140 SummerTEK Staff Volunteer Hours	
6 week use of classroom facilities for SummerTEK at The House Worship Center in Denver	
Graphic design of logos and mementos	
Student backpacks	
Printed Programs for Parent/Student Orientation and Awards Luncheon	

Our Instructors

Bringing Computer Networking training minority youth through school elective classes, summer programs, and after-school activities.

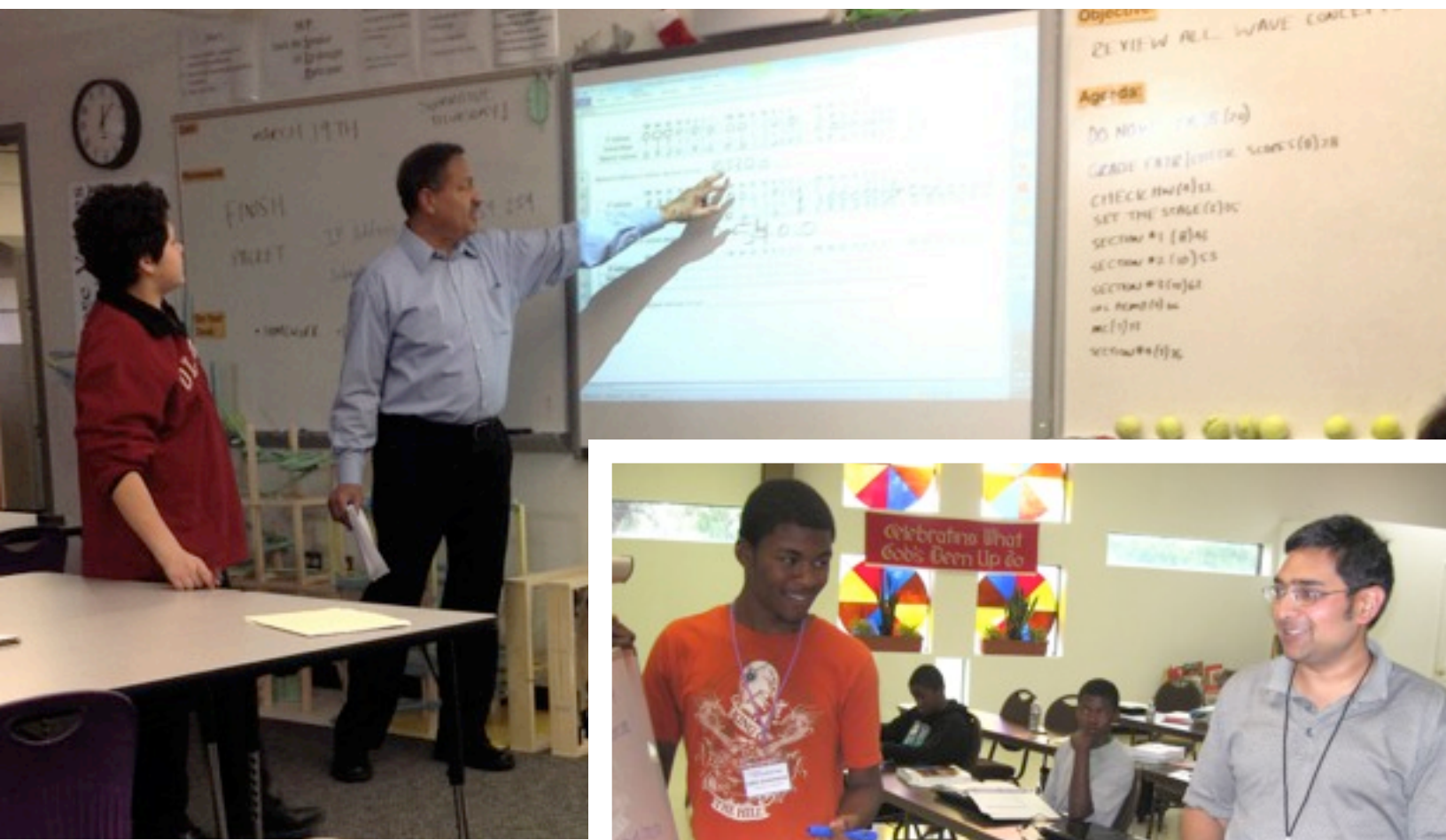
Anand Basawapatna – Small Business IT & Telecommunications Technology development manager. Anand has earned an MBA degree from Purdue University, a BS degree from the University of Colorado, Boulder, and a Project Management Certificate. Anand has also served as a volunteer instructor for the Junior Engineers & Tomorrow's Scientists (JETS) program sponsored by the Colorado Association of Black Professional Engineers & Scientists (CABPES). Anand also holds a Career and Technical Education (CTE) Authorization in Information Technology in the state of Colorado.

Ganesh Basawapatna – Former president Microsource, Inc., currently a consulting developer at Asvan Technology. MS Electrical Engineering, Illinois Institute of Technology, Chicago. BS Electrical Engineering, IIT Kharagpur, India. Ganesh was a founder and President of Microsource, Inc., a Microwave Components and Subsystems manufacturer, and Encore International, which is part of Liberty International. He has been Project Manager and Section Manager at Hewlett Packard and Raytheon Company. Presently he is an RF and Microwave Sub-systems developer and consultant at Asvan Technology LLC. Among his extensive volunteer activities, Ganesh has served for years as a volunteer instructor in the JETS, Math Enrichment, and SAT Preparation programs of CABPES, as well as a volunteer math tutor at Overland High School, Aurora CO.

Ron Fontenot Sr. - Retired after 28 years as a Design Engineer and Technical Manager in Telecommunications and Data Communications Switching Systems development at AT&T Bell Labs/Lucent Technologies/Avaya. Earlier, Ron worked 5 years on pipeline automation as a Senior Staff Engineer at Amoco Pipeline Co. He also worked recently as an adjunct instructor at CollegeAmerica. He has MS and BS degrees in Electrical Engineering from the University of Illinois, Urbana. Ron helped to establish CABPES' JETS program in 1980, and since that time has served as a volunteer JETS instructor of high school and junior high students, teaching electronics, and recently a "Fun with Microcontrollers" class. Ron has been recognized by 9 Who Care and Channel 7 Everyday Heroes for his work at CABPES. He was also a 2010 recipient of the Alpha Kappa Alpha M.O.D.E.L. Man Award, which honored 10 African American men for their distinction, excellence, and leadership in serving the Denver Community. Ron also holds Career and Technical Education (CTE) Authorizations in Information Technology and STEM in the state of Colorado. Ron is President and Co-Founder of Colorado Futuretek.



Ganesh Basawapatna



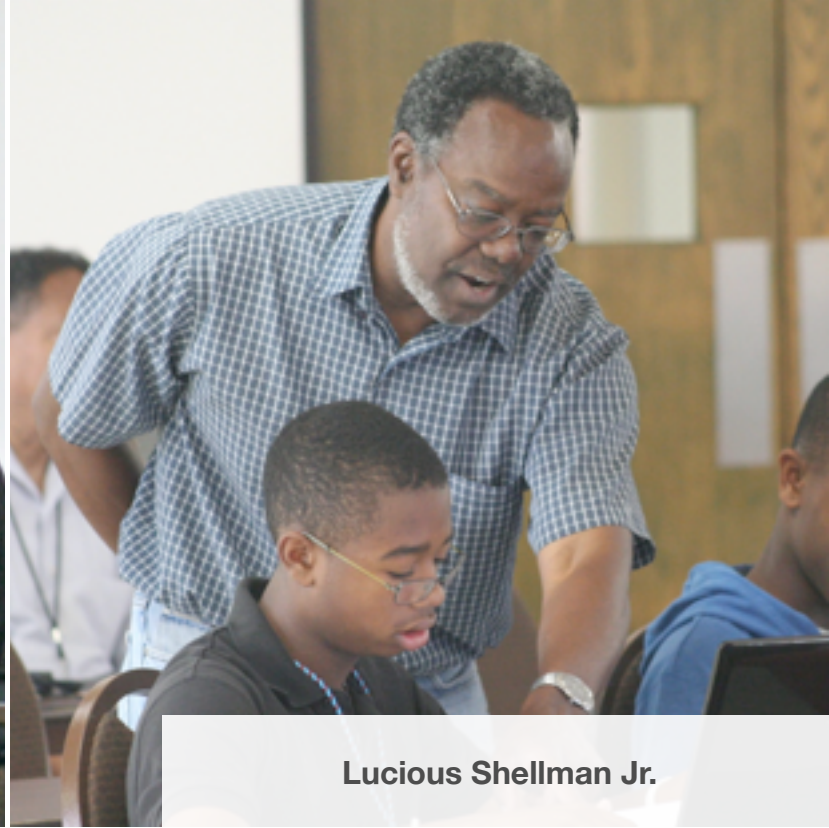
Ron Fontenot Sr.



Anand Basawapatna



John Henson



Lucious Shellman Jr.

John Henson – Retired Electrical Engineer and U.S. Army Reservist. He worked 33 years with Western Electric, AT&T, Lucent Technologies, Avaya, and Celestica. John has worked as a Product Engineer, Production Supervisor, Engineering Manager, Manufacturing Quality Engineer, Component and Supplier Quality Engineer and Product Manager. John earned a BS degree in Electrical Engineering from Prairie View A & M University. He was also commissioned as a Second Lieutenant, U.S. Army Reserve and later accepted a Regular Army commission. John earned a Master’s Certificate in Project Management from George Washington University. Always active in community and educational activities, John has been a volunteer JETS instructor for 10 years, most recently teaching a Beginning Electronics course that he designed for 4th and 5th graders. John is Secretary and Co-Founder of Colorado Futuretek.

Lucious Shellman Jr. - Lucious has 11 years experience working as an Electrical Engineer and 19 years experience as a Software Engineer. He is presently working as a Software Engineer at Raytheon Co. During the past 30 years, Lucious has experience developing software applications utilizing C/C++ and Java programming languages. He also worked on a software project implementing client-server (web based) architecture. In addition, Lucious has also served as a project lead software engineer. Lucious received his BS degree in Electrical Engineering from Wayne State University in Detroit, Michigan. Lucious has served as a volunteer JETS Electronics instructor for over 10 years. Lucious also holds Career and Technical Education (CTE) Authorizations in Information Technology and STEM in the state of Colorado.



Sharlene Spencer

Sharlene Spencer - Sharlene has over 25 years of Software Development experience, which includes Project Management and Software Lead over the entire Software Development Life Cycle. She was awarded a United States patent for “System for Processing Incoming Calls Based on Call Priority for Telephone Stations Having Multiple Lines” from Avaya Bell Labs in 2002. Sharlene currently works as the Federal Division Account Manager at Triunity Engineering & Management, a company co-founded by her husband, Jonnie Thomas, who is an electrical engineer. Sharlene received her MS degree in Computer Science from the University of Denver, and a BS degree in Computer Science from the University of Redlands, in California. Sharlene is a Denver native, and a graduate of East High School. She actively promotes education and workforce opportunity, and she has also served for a number of years as a volunteer instructor in the JETS program. Sharlene also holds Career and Technical Education (CTE) Authorizations in Information Technology and STEM in the state of Colorado.



Board of Directors

Ron Fontenot Sr., President and Co-Founder

Retired Engineering Manager, AT&T Bell Labs/Lucent Technologies/Avaya

Lynn Wilson, Vice-President

Assistant Professor of Business and Entrepreneurship, Community College of Denver

John Henson, Secretary and Co-Founder

Retired Engineer, AT&T

Sharlene Spencer, Treasurer

Federal Div. Account Manager, Triunity Engineering & Management, Inc.

Gloria Cannady

Adjunct Faculty Member, Computer Technology at both Metropolitan State University of Denver and the Community College of Denver.

Jackie Davis

Former JETS (Junior Engineers & Tomorrow's Scientists) Coordinator

Laura Dunk

Business Process Analyst, Charles Schwab

Steve Dunk

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Patricia Fontenot

Former Librarian, Denver Public Library

Dr. Percy Lyle

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Lashan Wilson

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Adrian Miller, Esq.

Attorney

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Business Manager, RTL Networks, Inc.

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Chris A. Williams

Senior Manager and Principal Architect, Virtual Solutions Group, Cognizant Technology Solutions.
Associate Minister and IT Ministry Leader, Rising Star Missionary Baptist Church.

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