



VCEF NEW OFFICE - SUNTRUST BUILDING, 919 E MAIN STREET-SUITE 10000, RICHMOND VA

VCEF 2016 Annual Report

IN THIS REPORT

VCEF Supports Change

Every child deserves the chance to make of their lives what they will.

Change is difficult; institutional change requires governance, courage, resources and most of all desire. Our Commonwealth has embarked on a journey towards a workforce ready for the future.

The Virginia Career Education Foundation (VCEF) was built with the kind of governing foundation to assist agencies, communities, industry and education stakeholders. In order to be a contributing member of Virginia's economic ecosystem VCEF went through a year of strategic planning from 2014-2015. The result was a new "working board" model and greater emphasis on organization structure, program relevance, and the building blocks necessary to become an NGO fiscal agent for large and small workforce solutions sponsored through federal, state, local, foundation, corporate or from revenue/asset opportunities developed internal to VCEF.

This Annual Report was designed to provide a view into the new possibilities that our now 13 year old organization has in front of it. We are still in search of strategic board members who will best be able to provide a greater leverage for change and build on our access to industry curriculum content and learning delivery methodologies, new certifications,

methods for teacher professional development, and program implementation for grant/contract management.

VCEF is a non-profit organization that partners with business/industry, government and education to inform all stakeholders of the benefits of career and technical programs and to enhance Virginia's future workforce by connecting viable career and technical programs to job market requirements. We know our Career and Technical Education (CTE) Educators in Virginia can prepare students to be college- and career-ready by providing core academic skills, employability skills and technical, job-specific skills. VCEF works to further the aims and purposes of CTE in the Commonwealth of Virginia while promoting high standards and strong academic achievement for all Virginia Students.

Virginia Career Education Foundation works to develop new strategies to both fund and implement career readiness programs and systems, connecting viable career and technical programs to job market requirements.

We hope you enjoy our first annual report from our newly formed working board.



CTE Hall of Fame

Recognition is important in any field of endeavor. VCEF created one of our nation's first "CTE Hall of Fame" to recognize the titans of CTE, those individuals who have dedicated their lives to service to students in Virginia. Picture above in 2015 Mr. Harvey Crone, former director of the CCWA, was honored with an induction into the CTE Hall of Fame.

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Data Driven Education Decisions

Virginia Career Education Foundation recognizes the inductive nature of change and scale. In order to become the valuable partner we continuously strive to be we need to stay current on best practices and research those areas that require more investigation and applied research in order to implement.

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Chairman's Report

by Karl J. Cureton

As this was my first year as a member of the VCEF board team, it is my honor to thank the countless educators, administrators, agency heads and workforce system partners who have tolerated my many questions and supported our vision to be a working board that makes a difference in the lives of Virginians and the many people and institutions that serve the needs of our economic ecosystem.

Career and Technical Education links education to viable jobs and career readiness. Everyday in Virginia, students earn viable workforce certifications that position them to be gainfully employed or better prepared to continue their education with more knowledge of the world of work. The Virginia Career Education Foundation is organized and operates to promote, aid, encourage and connect school administrators, teachers, students, and parents, in cooperation with government and employers, to advanced Career and Technical Education programs approved by the Virginia Board of Education or other mechanisms approved by the Commonwealth of Virginia.

It is not enough just to get a CTE credential or certification. VCEF is mission driven to promote CTE course offerings in Virginia that



Lolita Hall, Director, Career and Technical Education - Virginia Department of Education (VCEF Advisory Committee), Emily Richardson, Manager, Professional Development, Workforce Solutions - Tidewater Community College (Past VCEF President), Karl Cureton, Founder & Chairman - National Minority Technology Council (VCEF Board), Cynthia P. Balderson, Philanthropy Manager, Dominion and The Dominion Foundation (VCEF Board), George Willcox, Associate Director, CTE VDOE.

are viable, create job ready credentials or certifications, and promote and encourage high standards and strong academic achievement by Virginia students. VCEF is a 13 year old a 501(c)3 non-profit exclusively purposed to serve as a charitable and educational organization. VCEF was formed to accept, administer, apply and use resources, gifts, grants or property and to make distributions to organizations that qualify as exempt organizations.

Thank you for this unique opportunity to lead and to serve.

NEW VCEF LOGO



The VCEF Logo was approved by the board and went into production last year. The logo is simple and declarative. The orange was creative license from the Chair to represent the membership with the National Minority Technology Council.

CTE is a Top Priority in Virginia

To Governor McAuliffe high school and community college is the foundation of the new Virginia economy. Employers value CTE because it develops skills that businesses need. And CTE also gives students a great jump start towards a higher education degree. The Governor reported that in the next decade Virginia will need to fill 1.5 Million jobs. 50-60% of these jobs will be technicians, technologists, or trades level jobs.

Executive Order 23 "Establishing The New Virginia Economy Workforce Initiative" became effective August 2014. A key component of this executive order is changing CTE and workforce programs around the state to deliver 50,000 (STEM-H) industry credentials, licenses, apprenticeships, and associate degrees by the end of Governor McAuliffe's

Administration. These credentials will enable students to start a career in manufacturing, information technology, cybersecurity, health-care or other fields with abundant opportunities for ready to work jobs skills.

VCEF was actively involved in discussions with many of the Governor's staff and advisors. Part of the value that VCEF brings to the Commonwealth is the fact that it was conceived by a sitting Governor. Former Governor Warner, now Virginia State Senator Warner, created VCEF and installed the key workforce agencies as Ex Officio Members of the Board. He recognized the need to adjoin employers and industry leaders to career decision making and curriculum development, especially in the secondary school where these decision are initially made.



August 2015 EO23 - Outcomes to establish annual goals and identify opportunities to increase statewide attainment rates of credentials that align with employer needs. Employers must be engaged to determine current and future employment needs

VIRGINIA IS READY FOR WORK



CTE Leadership Recognized

VCEF recognizes Mary Beth Dobbins, CTE Specialist, Prince William County Schools, for her year long work as the President of the Virginia Association of Career and Technical Education Administrators (VACTEA).



VACTEA Region II meeting was held at Virginia Beach Technical Center and catered by the culinary team headed up by Chef-instructor Patrick Reed. The Culinary program at VB Tech & Career Center is a comprehensive two year hands-on culinary and baking program for 11th and 12th graders who meet high standards, share a love of food, and who are not afraid of hard work.

CTE in Virginia CTE Hall of Fame Retooled

Virginia is rich with tradition and the administration of Career and Technical Education is well entrenched in process and results. In order to illuminate the innovation and creativity spawned by the many CTE teachers and administrators VCEF is in the process of revising our CTE Hall of Fame platform to reward outcomes to as many deserving participants as possible.

In order to accomplish this it was necessary to conduct a stakeholder analysis of the CTE system. This task was narrowed by considering the efficiency and effectiveness of our CTE Education System from an employer's point of view. VCEF started with the Dec. 2014 Joint Legislative Audit and Review Commission (JLARC) report on "Virginia's Workforce Development Programs". It reports employers are not finding applicants who possess relevant work experience and job-specific skills. In fact the research report outlines that they found that Career and Technical Education (CTE) programs in high schools and community colleges do not always direct their resources toward courses that are related to occupations with the greatest employment potential. The report continues that misalignment between courses offerings and job openings may be contributing to employers' difficulty finding qualified applicants.

High school CTE programs across the state appear to prioritize courses in the science, technology, engineering and math (STEM)

and business fields, which offer a large number of current and future employment opportunities. In contrast only three percent of high school CTE courses are in the health sciences, even though this field represents 20 percent of all job openings in 2013.

While underemphasizing health science, school divisions appear to overemphasize programs that provide less marketable skills, such as arts and communications and human services.

VCEF hopes to implement an awards program that is in alignment with Virginia's vision for an outcome based career program that ensures our students are ready to work. To this end our working board is in discussions on how best the VCEF Hall of Fame program can be best used to promote CTE and encourage teachers and administrators who connect curriculum and class experience directly to Virginia's high-growth high-demand jobs.



NMTC Membership Brings Value

Pictured with VCEF Chair is Brenda Cureton, VCEF's first President and the National STEM Director and Chief of Staff of the National Minority Technology Council (NMTC) and Dr. Steve Staples, Superintendent of Public Instruction after a two hour meeting regarding the status of VCEF and the NMTC Partnership.

VCEF AWARDED 2015-2016 ALTERNATIVE CONTRACT TO ASSIST VIRGINIA DEPT. OF EDUCATION

Last year VCEF was awarded a contract for \$31,003 that ended June 30th, 2016. The contract facilitated the coordination of local, regional, and statewide stakeholders, program administration and the rights to acquire additional funding for expansion of both research and service to the Commonwealth relating to CTE and the Virginia Longitudinal Data System. There was also a requirement to research, in partnership with Virginia Department of Education, the possibility of a statewide online CTE portal for CTE Credentialing.

CONTRACT #PR6617778

Applied Research on CTE Outcomes



The Virginia Longitudinal Data System is a powerful tool for Virginia's future, giving the Commonwealth an unprecedented and cost-effective tool for extracting and analyzing insightful education and workforce development data within a secure environment

Research & Analytic Insights published a VDOE funded report October 2014. The VLDS research project aimed to provide descriptive information about CTE completers postsecondary and workforce outcomes. Recommendation # 5 from the report stated, "... additional information is important to continue to provide data-based information to state and local program leaders. For example, given the state and national focus on industry credentialing, it would be useful to conduct research specifically focused on **understanding outcomes of students who earned industry credentials in high school**. Another important direction for research would be to develop a clear understanding of long-term outcomes for CTE completers who participated in different career pathways in high school."

VCEF will actively promote the use of the VLDS to show how Virginia's workforce system and education produces employment outcomes. Central to our newly envisioned research efforts is the pursuit of research funding and stakeholder partnerships including Higher Education. The State Longitudinal Data System will, over time, become a vital resource for policy makers and for CTE and Workforce performance accountability systems.

Optimizing where to put your next office, operation, plant or farm is as much about people as it is location. VCEF is engaged in asking the research based questions that enhance design based longitudinal analysis and applied research methodologies.

Connecting real people together for stakeholder defined outcomes requires both structure and authentic engagement. Multi-media brings a gateway of hope to our disconnected workforce. VCEF will work to authenticate and evaluate CTE curriculum and providers for a pilot Online CTE portal program.

Inclusion Outreach

VCEF will engage government, educators, local leaders, advocates, communities, students, parents and industry stakeholders into collaborative discussions to help strengthen educational pathways to the 21st Century Workforce.

The VCEF Statewide Advisory Council members are appointed by our Board of Directors. (See chart to the right)



Pictured above is the Chairman and President of the Petersburg Education Foundation. The PEF board paid a visit to VCEF's office to discuss strategic partnerships and the availability of Mr. Greene serving as Co-Chair of the Education Foundation Committee

Virginia Career Education Foundation Statewide Advisory Council



Annual Report

VCEF
2016

Our Mission

Board of Directors

Dr. Peter Aiken
Data Blueprint

Carter Brooks
VCEF Nominating Committee Co-Chair
Wells Fargo Advisors, LLC

John Cates
VCEF Treasurer, Executive Committee(EC)

Karl Cureton
VCEF Chair, EC, CEO
National Minority Technology Council

Lorne Joseph
eGRC.COM

Dr. Patrick Konopnicki
VA Beach Public Schools

Dr. Robert Mayfield
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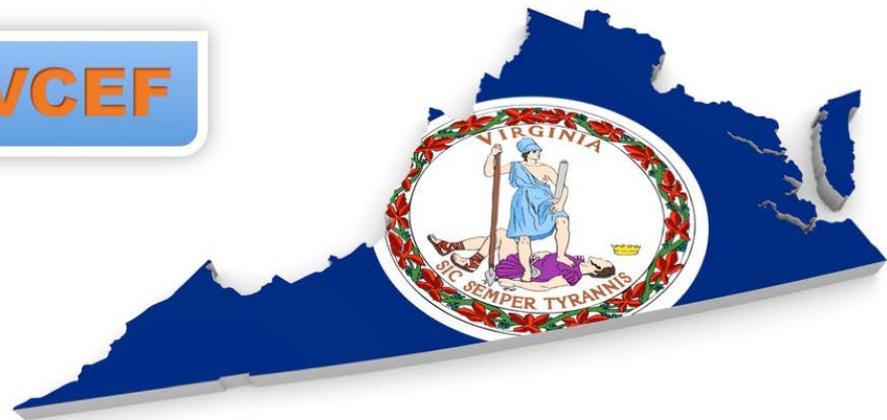
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www.vcefworks.org

(VCEF) IS A NON-PROFIT ORGANIZATION THAT PARTNERS WITH BUSINESS/INDUSTRY, GOVERNMENT AND EDUCATION TO INFORM ALL STAKEHOLDERS OF THE BENEFITS OF CAREER AND TECHNICAL PROGRAMS AND TO ENHANCE VIRGINIA'S FUTURE WORKFORCE BY CONNECTING VIABLE CAREER AND TECHNICAL PROGRAMS TO JOB MARKET REQUIREMENTS.

Approved April 2015

VIRGINIA CAREER EDUCATION FOUNDATION



Where Business, Government & Education **Works**

Our Partners





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