



## CTE ADVISORY COMMITTEE MEETING

**Tuesday, January 26, 2021**  
**Zoom Meeting (link will be sent)**  
**4:00 p.m. - 5:00 p.m.**

### Minutes

**In Attendance:** Melissa Reeves, Nelson Aguilar, Linda Zanin, Julie Kelleher, Michele Coffman, Alex Cooley, Amy Creed, Octavius Fulton, Jessica Fundalinski, Allen Lomax, Dr. Tricia Jacobs, Dr. Michelle Reif, David Remick, Joseph Janukatys

**Absent:** Patrick Brooke, Shawnell Carmichael, Lyndsi Cooper, Monica West

**Guest:** Mary Roman, Madeeha Jauhar, Jim Engereider, Dawud Abdur-Rahman, Azuka Bartlett, Mike Burch, Kelly Davis

**Welcome/Call to Order** at 4pm

**Adoption of Meeting Agenda/Approval of October Meeting Minutes**

#### Old Business and Action Items

- **CTE Advisory Committee 2020-21 Scope of Work- Melissa Reeves**
  - Construction & Construction Management pathway options are being discussed that would transfer to NOVA and go on to Virginia Tech. This pathway may serve as the Perkins Grant app Plan of Study requirement.
  - STEM Academy update to come
  - CTE classes are still offering some CTE tests online, like the W!SE exam, MOS and ASE. Some other districts are not taking the tests due to COVID.
  - List of possible mentorship opportunities continues to grow. Dr. Tricia Jacobs is working with the IABs (Industry Advisory Boards) to increase partnerships/opportunities between industry, ACPS teachers/students, and CTE programs.
  - New Local Perkins plan will be presented in March, it is in development.

#### Special Presentations

- **Rotary Club CTE Student Scholarship opportunity- Mary Roman**
  - Mary Roman worked with ACPS for 34 year and was the Director of CTE& Adult Education at the time of her retirement.
    - Started working with Alexandria Rotary in the 1980's to link Rotary and school program and to provided co-op opportunities for her students.
    - Her work with Rotary included coordinating guest speakers, teacher externships, and other programs.
    - Alexandria Rotary started offering scholarship in Spring 1993.
      - All Alexandria schools, which includes FCPS Alexandria Schools
      - Information sent out via school Career Centers
      - Target CTE Completers
      - Pursuing post-secondary program, prefer in area they studied in high school.
  - Applications includes
    - Financial Need (Look at FAFSA Report)
    - Career Objective Essay, not Common App Essay
    - Transcripts
    - Activities
    - Recommendation, prefer CTE teacher over counselor
    - Any related work experiences

- Annual award, now 3 scholarships of \$2,500
  - Application now electronic, using Google form
    - Opens February 1 , closes April 23
  - Model for other Rotary programs across the state
    - 52 scholarships awarded and over \$85,000
    - 26 from TC, including current and former teachers
- **Access and Equity of CTE Courses: Instructional Strategies for EL Students- Jessica Fundalinski**
  - Jessica serves as a resource to help teachers identify resources and strategies to help students.
  - 30% of ACPS populations are EL Students
  - 50% of ACPS students are culturally logistically diverse
  - Recently presented to middle school teachers to introduce best practices
    - Academic Vocabulary must be intentionally and intensively taught over several days.
    - Students need multiple and varied opportunities to learn the language.

## New Business

- **Governor's STEM Academy- Jim Egenreider**
  - Professor of Engineering and Energy at Virginia Tech
  - Planning for Governor's STEM Academy
  - May start in middle school with pathways that allow students to move on and off to give students options.
  - Will integrate with Virginia's new Math Pathway Initiative and the arts.  
(<https://www.doe.virginia.gov/instruction/mathematics/vmpi/infographic-vmpi-virginia.pdf>)
  - Possible Career Cluster- Pathways may include:  
Cluster-STEM
    1. Pathway: Engineering
      - Path: Aerospace
      - Path: Robotics
    2. Pathway: Cybersecurity
      - Path: Cloud Computing with Computer Network Hardware
    3. Pathway: Game Design
      - Path: Game Design and Development/Computer Science
  - Cluster- Energy
    4. Pathway: Energy Efficiency
      - Path: Sustainable and Renewable
  - Cluster- Health Science
    5. Pathway; Therapeutic
      - Path: EMS
  - Cluster: Hospitality and Tourism
    6. Pathway: Hospitality
      - Path: Culinary
  - Not a new program but a rebranding of the existing STEM program and getting the Governor's Academy designation
  - Will be built with input from IAB and include program specialists from other content areas.
- **Regional Workforce Development update- Alex Cooley**
  - Northern Virginia Labor Data is publicly available (<https://www.nvcc.edu/workforce/research/>)
  - Alexandria's unemployment is recovering from the spring, but somewhat slower than neighboring districts
  - 97,000 jobs prior to COVID, now 92,000, closer to number from 5 years
    - Most in restaurants, personal care, hotel, hospitality
    - Government, business and IT are stable, not increases or losses.
- **Perkins V Grant 2021-22 Funding Development update- Dr. Tricia Jacobs**
  - Acquiring program data and usage reports to determine needs
  - Review current vendors, especially online vendors
  - Funding areas will include
    - Integrate Computer Science at middle school
    - Computer upgrades, CTE purchases computer used in the labs in the schools this is not funded by ACPS.

- Teacher PD & Conferences
- Extended contracts
- Student Organizations
- **Future meeting format and topics- Melissa Reeves**
  - Should meetings be held bi-monthly and/or 1.5 hours
  - Other topics to bring up
    - How is SEAL integrated into the programs? Now and in the future.

#### Announcements by Members

- **Virtual Plus Plan for Re-entry- Dr. Tricia Jacobs**
  - Updates every Monday (<https://www.acps.k12.va.us/Page/3336>)
  - Return based on risk factors
  - CTE teachers are working on plans for classroom, labs, and equipment to be used safely.
    - Will be an AA - BB model, and some students only being virtual
    - Teachers will teach face to face and online simultaneously
    - Teachers working on kits linked to online simulation and that can be sent home.
- **GoVA Grant- Linda Zanin/David Remick**
  - September \$700,000 GoVirginia Grant
  - Used to establish a Medi-Corp Immersive Mobile Lab
    - Will be a 45 food unit and include wet and dry labs
  - Task Force and 8 sub-committees, over 50 members
  - Will include curriculum development for grades 9-12 including AR/VR
  - Designed to enhance what is offered in the classes.
  - Hope to be able live stream into classrooms
  - Planning for a ribbon cutting event in the fall, hopefully including the Governor
  - Includes industry partners, such as Virginia Bio
  - Increasing mentorship opportunities for students, so far over 120 mentors, 18 partnered with students.
  - This is a pilot with goal to have fleet across the state
  - Working with ACPS, Arlington and Fairfax
- **VDOE STEM Competitive Team Grant- GW Middle**
  - CTE – Tech Ed. Grant written by Dr. Tricia Jacobs and Richard Clemmons
  - GW Middle School received a grant to create a DRONE unmanned aircraft student team.
- **VDOE Jobs for Virginia Graduates (JVG) Grant- T.C. Williams**
  - Grant written by Dr. Tricia Jacobs, Kelly Davis, Stacy Morris, Kobe Jackson, and Octavius Fulton to start a pilot program
  - \$30,000 Grant to identify 25 students who have barriers to post graduation plan. This program will help them to graduate and get a job, college, or military.
  - If these 25 students graduate on-time it will increase graduation rates by approx. 2%
- **The Identity and High School Projects -Dr. Reif**
  - **High School Renaming/Identity Project** (<https://www.acps.k12.va.us/identityproject> )
    - Vote for new names for TC and Mathew Maury
    - Vote for a name on list or add another
    - It will be narrowed to 6 and vote again
  - **High School Project** (<https://www.acps.k12.va.us/hsproject>)
    - Moving to design phases
    - Workforce development sites in schools
    - Looking to Co-Location with other programs
    - Seeking community input from information session and online information
- **Adjournment** – meeting ended at 5:17 pm

**Upcoming Dates:** Tuesday, March 23, 2021  
**TBD** Wednesday, May 19, 2021, Celebration of Achievement, 5:30  
 Tuesday, June 8, 2021