DIGITAL EQUITY SUMMIT:

Bridging the Learning @ Home Gap

July 8, 2019

Greater Richmond Convention Center

VIRGINIA DEPARTMENT OF EDUCATION

Division of School Quality, Equity, and Instruction

Department of Data, Research and Technology

"DIGITAL EQUITY"

is a condition in which all individuals and communities have the information technology capacity needed for full participation in our society, democracy and economy. Digital Equity is necessary for civic and cultural participation, employment, lifelong learning, and access to essential services.

National Digital Inclusion Alliance

"THE LEARNING @ HOME GAP"

describes a multitude of missed learning and life opportunities by students who lack access to technology and/or high-speed internet.

Virginia Department of Education

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Keynote Speakers

Jessica Rosenworcel

Federal Communications Commissioner Jessica Rosenworcel believes that the future belongs to the connected. From fighting to protect net neutrality to ensuring access to the internet for students caught in the Homework Gap, Jessica has been a consistent champion for connecting all. Named as one of POLITICO's 50 Politicos to Watch and profiled by InStyle Magazine in a series celebrating "women who show up, speak up and get things done, "Jessica brings over two decades of communications policy experience and public service to the FCC. Prior to joining the agency, she served as Senior Communications Counsel for the United States Senate Committee on Commerce, Science, and Transportation, under the leadership of Senator John D. Rockefeller IV and Senator Daniel Inouye. Before entering public service, Jessica practiced communications law in Washington, DC. A Hartford, Connecticut native, she is a graduate of Wesleyan University and New York University School of Law. Jessica lives in Washington, DC with her husband Mark, and children Caroline and Emmett.

Evan Feinman

Evan Feinman is the Executive Director of the Tobacco Region Revitalization Commission and Governor Northam's Chief Broadband Advisor.
He previously served as Deputy Secretary of Natural Resources, and as the Policy Director for the McAuliffe campaign. Evan has worked on multiple transition teams and campaigns at the state and federal level, and at the Commonwealth Institute, a budget and fiscal policy think tank in Richmond. He received his bachelor's degree from the University of Virginia, spent two years on a fellowship focused on energy and transportation policy, and then received his law degree from Washington and Lee University School of Law. A Lynchburg native, Evan currently resides in Richmond with his wife, Annalisa Feinman, an attorney with the Office of the Richmond Public Defender.

DIGITAL EQUITY SUMMIT:
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7:30 AM to 4:00 PM

AGENDA

7:30 – 8:15 a.m.	**Registration and Coffee with Exhibitors**	**B21 ABC 5th Street**
8:15 -8:30 a.m.	**GENERAL SESSION**	**B21 Grand Ballroom C**
	Welcome **Dr. James F. Lane,** Superintendent of Public Instruction, Commonwealth of Virginia	
8:30-8:45 a.m.	**GENERAL SESSION**	**B21 Grand Ballroom C**
	Context Setting: Digital Equity **Dr. Susan M. Clair,** Learning Infrastructure Coordinator Office of Technology, Virginia Department of Education	
8:45 - 9:15 a.m.	**KEYNOTE GENERAL SESSION** **Presenter: Jessica Rosenworcel,** Commissioner, Federal Communications Commission	**B21 Grand Ballroom C**
9:15 – 9:30 a.m.	**Transition Time**	

9:30-11:00 a.m. **AM SESSION OF CHOICE**

Choice #1: **School Divisions Implementing Strategies to Close the Learning @ Home Gap. E11a**
(Broadband Availability, Computing Devices, Digital Literacy, Affordability)
Moderated by: Dr. Karen Richardson, Executive Director, Virginia Society for Technology in Education (VSTE)
Presenters: Ed Ozols, Technology Director, Bath County Public Schools,
Robert Rejonis, Assistant Director for Infrastructure and Support Services, Albemarle County Public Schools
Nathan Daugherty, Comcast Internet Essentials
Bretton Sparr, Business & Instructional Architect, Fairfax County Public Schools
Three Virginia school divisions will discuss how they deployed innovative technology solutions to bridge the Learning @ Home Gap while an Internet service provider will discuss how schools can help low-income families get affordable broadband in the home.

Choice #2: **Community-Led Broadband Initiatives and How to Get Started E11b**
(Broadband Availability)
Presenters: Caroline Luxhoj, Center for Innovative Technology,
Dale Herring, Dr. Andrea Whitmarsh, Greene County Public Schools,
Caitlin Jones, Carolyn Jackson, Arlington County Public Schools,
Jimmy Carr, Chief Executive Officer, All Points Broadband
Participants will learn about resources and assistance available to communities and hear real life examples from communities who are proactively planning to improve digital equity in education in their communities.

Choice #3: **Virginia Public Libraries E11c**
(Digital Literacy, Computing Devices, Affordability. Broadband Availability)
Moderated by: Cindy S. Church, Library of Virginia
Presenters: Abby Cox, Josh Howard, Jefferson Madison Regional Library
Wayne Crocker, Petersburg Public Library
Kevin Smith, York County Public Library
Learn more about successful partnerships between public libraries and schools. The public library provides Internet and digital literacy programs for all. Attendees will learn about programs, lessons learned, and the tools needed to replicate the initiatives.

Choice #4: **Community Reinvestment Act (CRA) E21a**
(Funding for Broadband Availability, Computing Devices, Financial Literacy, and Affordability)
Presenter: Jeanne Milliken Bonds, Federal Reserve Bank of Richmond, Community Development
Participants will learn about CRA funding and how these funds can be used for community broadband initiatives that align with local banking priorities.

Choice #5: **Using Broadband Data to Answer Local Questions About Digital Equity E21b**
(Broadband Availability Data)
Presenters: Sara Trettin, Policy Advisor, U.S. Department of Education
Karen Archer Perry, Senior Policy Analyst,
National Telecommunications and Information Administration (NTIA),
Robert A. Ballance, Ph.D., The Center for Internet as Infrastructure
With the newest American Community Survey published in December 2018, we have detailed information on Internet access, computer ownership, Smart Phone use, as well as income and poverty data for every county and nearly every neighborhood (census tract) in the country. Our speakers will give participants an overview of the major open datasets that describe broadband availability and use; then they will make it local with a hands-on

session that allows you to explore the digital divide and homework or "learning gaps" in your division. Please bring a laptop computer so that you can access the I3 Connectivity Explorer that will allow you to see computer and Internet data at the neighborhood-level in your school division.

Choice #6: **The Workforce Skills Students Need and the Impact on Students Without Internet @ Home** **E21c**
(Digital Literacy/Workforce)
Moderated by: Bobby F. Keener, Jr., Director, Office of Technology, Virginia Department of Education
Presenters: Eric Robertson, Business Development, Global Education, Amazon Web Services,
John D. Leonard II, Ph.D., Executive Associate Dean and Professor School of Engineering, Virginia Commonwealth University
Lynn McDaniel, Unmanned Systems Program Director, Center for Innovative Technology
Dr. David Eshelman, Director, Workforce Development and Initiatives, Virginia Department of Education

11:15-12:00 p.m. **Networking Break with Exhibitors** ..... **B21 Grand Ballroom C**

12:00 p.m. **PLATED LUNCH**

12:15-12:45 p.m. **KEYNOTE ADDRESS** ..... **B21 Grand Ballroom C**

Commonwealth Connect- Bridging the Digital Divide for All Virginians
Evan Feinman, Executive Director of the Tobacco Region Revitalization Commission and Governor Northam's Chief Broadband Advisor

12:45-1:00 p.m. **Transition Time**

1:00-2:30 p.m. **PM SESSION OF CHOICE (AM Sessions Repeat)**

Choice #1: **School Divisions Implementing Strategies to Close the Learning @ Home Gap** **E11a**
(Broadband Availability, Computing Devices, Digital Literacy, Affordability)

Choice #2: **Community-Led Broadband Initiatives and How to Get Started** **E11b**
(Broadband Availability)

Choice #3: **Virginia Public Libraries** **E11c**
(Digital Literacy, Computing Devices, Affordability. Broadband Availability)

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2:30-2:45 p.m. **Transition Time**

2:45-4:00 p.m. **DESIGN JAM & WRAP-UP** ..... **B21 Grand Ballroom C**

The goal of the Design Jam is to have conversations and questions around how schools and communities can work together to Bridge the Learning @ Home Gap

Bruce Clark, Executive Director, and **Andrew Au,** Director of Operations, Digital Charlotte at Queens Knight School of Communication

SPONSORS/EXHIBITORS:

Comcast Internet Essentials - Panel Presenter, Sponsor

Amazon Web Services (AWS) –Panel Presenter, Sponsor

T-Mobile-Sponsor - Exhibitor, Sponsor

Kajeet - Exhibitor, Sponsor

Microsoft – Sponsor

STATE AND LOCAL EXHIBITORS

Library of Virginia – Exhibitor and Panelist

Virginia Student Training and Refurbishment Program (Virginia STAR) - Exhibitor
Prince William County Public Schools

National Telecommunications and Information Agency - Exhibitor

Department of Housing and Community Development (DHCD) - Exhibitor

Center for Innovative Technology (CIT) - Exhibitor and Panelist

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NOTES: AM SESSION OF CHOICE

NOTES: PM SESSION OF CHOICE

NOTES: DESIGN JAM & WRAP-UP

Special Thanks to the Digital Equity Planning and Support Team:

Dr. James F. Lane, Superintendent of Public Instruction, Virginia Department of Education

Maggie Clemmons, Special Assistant to the Superintendent, Virginia Department of Education

Dr. Susan M. Clair, Chair, Learning Infrastructure Coordinator, Virginia Department of Education

Bobby F. Keener, Jr., Director, Office of Technology, Virginia Department of Education

Dr . Meg P. Foley, Virtual Learning Specialist, Virginia Department of Education

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Monica L. Smith-Callahan, Assistant Superintendent, Division of Policy, Equity, and Communications, Virginia Department of Education

Leah Dozier Walker, Director, and the staff of the Office of Equity and Community Engagement, Virginia Department of Education

Caroline Luxhoj, Broadband Program Administrator, Center for Innovative Technology, Virginia

Cindy S. Church, Continuing Education Consultant, State E-Rate Coordinator, Library of Virginia

Dr. Cheryl P. Talley, Professor of Psychology, Virginia State University

Dr. Willis Walter, Dean, College of Education, Virginia State University

Dr. Karen Richardson, Executive Director, Virginia Society for Technology in Education

Dale Herring, Director of Technology, Greene County Public Schools

Jeanne Milliken Bonds, Federal Reserve Bank of Richmond, Community Development

K-12 Learning Infrastructure Program Work Group (KLIP)

The Virginia Department of Education
greatly appreciates all of the individuals and organizations
who offered their time and resources
to make this summit possible.