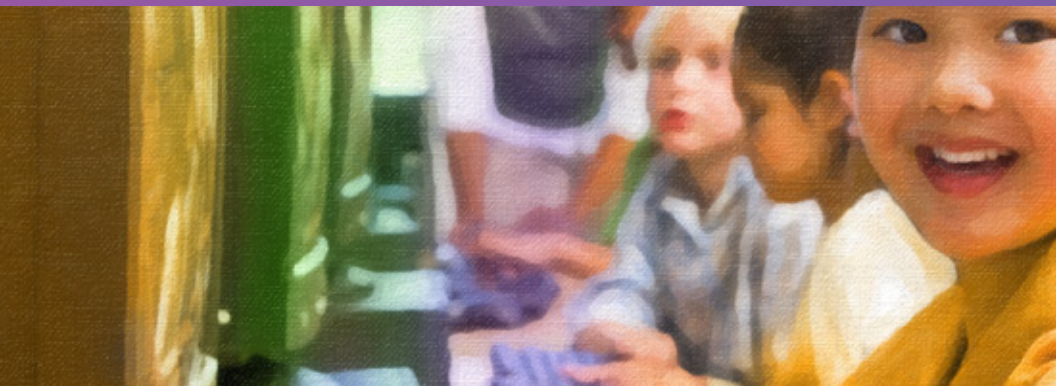


SHLB 2013 ANNUAL CONFERENCE



Getting to Gigabit:

The Future of Broadband for Anchor Institutions and Their Communities



SHLB

SCHOOLS, HEALTH & LIBRARIES
BROADBAND COALITION

The Schools, Health and Libraries Broadband (SHLB) Coalition seeks to improve the broadband capabilities of schools, libraries, health care providers and other community anchor institutions and enhance the quality and availability of educational resources, information access, telemedicine, and other essential services for the general public. www.shlb.org



SHLB 2013 is 4G territory! Mobile Beacon is providing FREE 4G service in select locations. Just look for our hotspots in the SHLB lounge areas during the conference, as well as during the two evening receptions. Connect using the log in instructions next to the hotspot to experience the power of 4G!



MAY 1-3, 2013

Marriott Wardman Park Hotel, Washington, DC



Dear SHLB Conference Attendees,

Welcome to the 2013 SHLB Coalition Annual Conference! In just its second year, the SHLB Coalition Annual Conference has become the premier broadband policy conference in the D.C. region. Our program features many of the thought leaders and key government officials from D.C. and around the country who are responsible for shaping our nation's broadband future. While the Conference focuses attention on the needs of Community Anchor Institutions for open, affordable, high-capacity bandwidth, we are also proud to bring together next-generation network providers, local community broadband organizations, residential broadband adoption programs, state broadband mapping and planning organizations, and many others who share our deep commitment to expanding the availability of Internet-based services to all Americans. Many officials from the Federal Communications Commission, the National Telecommunications and Information Administration, the Rural Utility Service and U.S. Ignite will be sharing their insights with us, and I hope everyone takes advantage of the opportunities for interaction and audience participation over the next two days. Thank you again for joining us, and we welcome your comments about how to make next year's Conference even better!

John Windhausen
Executive Director
SHLB Coalition
(202) 256-9616
jwindhausen@shlb.org

P.S. We are extremely grateful to our sponsors for making this Conference such a success: Mobile Beacon, Education Networks of America (ENA), The Online Centres Foundation, COSLA, K&L Gates, Mobile Citizen, G4S, CTC Engineering, and the law firm of Lukas Nace Gutierrez and Sachs.



3 – 4:30

Special Pre-Conference Session

(Wilson Room)

“How to Comply with Regulatory Requirements Applicable to BTOP CCI Projects”

led by Jim Baller, The Baller Herbst Law Group.

As BTOP Infrastructure projects come on stream, they may become subject to various federal and state regulatory requirements. In this special session, Jim Baller, Senior Principal of the Baller Herbst Law Group, will discuss and answer questions about the key regulatory requirements affecting BTOP recipients, particularly providers of middle-mile network services.

6 – 7:30

Opening Reception

Sponsored by the Online Centres Foundation

(Wilson Room)

7:30 – 8:30

Continental Breakfast

(exhibit area)

Opening Plenary Session

(Washington Rooms 4-6)

8:30 – 9:30

Welcome and Introductions:

John Windhausen, Executive Director, SHLB Coalition

Plenary Panel: “What to Do with a Gig?”

This panel of executives will discuss their personal experiences with high-capacity broadband services for libraries, schools and health providers and will explain why anchor institutions increasingly need gigabit speeds to serve their communities.

Moderator: Don Means, Gigabit Library Network
Corinne Hill, Executive Director, Chattanooga Public Library
Joe Fives, CIO, Kansas City Kansas Public Schools
Eric Brown, President and CEO, California Telehealth Network

9:30 – 10

Plenary Presentation: A State CIO Perspective on State Broadband and IT Challenges: Craig Orgeron, State CIO of Mississippi

Craig Orgeron will review the challenges faced by state Chief Information Officers in creating a new public safety network, transitioning toward cloud-based services, and ensuring adequate broadband infrastructure for anchor institutions.



Break-Out Sessions – Group 1

10:15 – 11:15 **Policy Panel: How Will Mobile Broadband and BYOD Change Education?**
(Washington Room 1)
 The phenomenal growth in personal devices has schools, libraries and businesses struggling to address Bring Your Own Device (BYOD) and the infrastructure needed to support it. This panel will highlight BYOD initiatives including planning, policy and infrastructure needed for a successful outcome.

Moderator: Denise Atkinson-Shorey, e-Luminosity
 Dave L. Williamson, Atlanta Public Schools
 Keith Krueger, Coalition for School Networking (CoSN)
 Robert Collie, Education Networks of America (ENA)

10:15 – 11:15 **Policy Panel: Successful State Broadband Planning Initiatives**
(Washington Room 2)
 This panel will focus on how states are using data collected under the SBI program to effectively prepare plans at both the regional and state level with an emphasis on the impact to community anchor institutions.

Moderator: Anne Neville, State Broadband Initiative, NTIA
 Scott Valcourt, Information Technology, University of New Hampshire
 Stuart Freiman, Rhode Island Economic Development Corporation
 David Moore, Louisiana Broadband Initiative

10:15 – 11:15 **Workshop: RUS Broadband Funding Opportunities**
(Washington Room 3)
 This presentation by Mary Campanola and Jessica Zufolo from the Rural Utilities Service, U.S. Department of Agriculture will explore funding opportunities at the RUS to provide enhanced broadband services and facilities for anchor institutions in rural areas.

Break-Out Sessions – Group 2

11:30 – 12:30 **Policy Panel: Benefits of Middle Mile/Last Mile Interconnection**
(Washington Room 1)
 The BTOP-CCI program requires Middle Mile broadband networks to be open to interconnection to last mile providers, and over 600 interconnection agreements have been reached so far. This panel will explore the successes and challenges of this open interconnection policy.

Moderator: Doug Kinkoph, BTOP CCI Program, NTIA
 Joel Mulder, G4S Technology LLC
 Lori Sherwood, One Maryland – ICBN Broadband Initiative
 Judy Dumont, Massachusetts Broadband Institute

11:30 – 12:30 **Policy Panel: Understanding the FCC’s Rural Health Broadband Reforms: An Introduction to the Healthcare Connect Fund**
(Washington Room 2)

The FCC’s new Healthcare Connect Fund provides a 65 percent discount on broadband connectivity for eligible public and not-for-profit health care providers, and fosters the creation and growth of broadband networks connecting rural and urban health institutions. The panelists will describe the new program and the opportunities it creates, and will discuss how broadband can help expand the availability and quality of health care and lower its cost.

Moderator: Lou Lehrman, Fabiani & Company
 Trent Harkrader, Wireline Competition Bureau, FCC
 Kathy Hsu Wibberly, Mid-Atlantic Telehealth Resource Center, University of Virginia Center for Telehealth
 Mat Kendall, Office of Provider Adoption Support, Office of the National Coordinator for Health Information Technology (ONC), Department of Health and Human Services

11:30 – 12:30 **Workshop: Strategies to Sustain Your BTOP SBA/PCC Grant**
(Washington Room 3)

Recipients of PCC and SBA grants will present their most successful strategies for sustaining their programs when BTOP funding comes to an end.

Moderator: Sean McLaughlin, Access Humboldt
 McCrae Parker, ZeroDivide
 Joshua Breitbart, Open Technology Institute

 **Plenary Session: Lunch**
(Washington Rooms 4-6)

12:45 – 2:15 **KEYNOTE ADDRESS:**
ASSISTANT SECRETARY OF COMMERCE,
LAWRENCE E. STRICKLING
and COMMENTS BY REP. DORIS MATSUI (D.-CA)

Followed by a Plenary Panel:

Moderator: John Horrigan, Joint Center for Political and Economic Studies
 Deb Socia, OpenAir Boston and Tech Goes Home
 Denise Hendlmyer, Texas State Library and Archives Commission
 Emerson Evans, Connect Arkansas
 Ashley DelBianco, City of Philadelphia Office of Innovation and Technology
 Margaret McCarthy, House Committee on Energy and Commerce



Break-Out Sessions – Group 3

- 2:30 – 3:30** **Policy Panel: Evaluating the Rural Impact of the FCC’s Connect America Fund**
(Washington Room 1)
 The Federal Communications Commission is in the midst of transitioning the High-Cost Fund to a new Connect America Fund (CAF) that is intended to support greater rural broadband deployment. The FCC’s new CAF may affect rural areas and companies in different ways. This panel will explore the pros and cons of the new Connect America Fund and its effect on anchor institutions in rural America.
Moderator: Heather Burnett Gold, Fiber to the Home Council
 Mike Romano, National Telecommunications Cooperative Association (NTCA)
 Hank Hultquist, AT&T
 Ross Lieberman, American Cable Association (ACA)
- 2:30 – 3:30** **Policy Panel: Building Broadband Adoption**
(Washington Room 2)
 This panel will build on the lunch presentation and focus on how communities can build and sustain a successful broadband adoption program.
Moderator: Laura Breeden, Public Computer Centers and Broadband Adoption, NTIA
 Jamie Hollier, Public Library Association
 Susan Corbett, Axiom Technologies
 Luis Arteaga, California Emerging Technology Fund
- 2:30 – 3:30** **Workshop: Applying for FCC Healthcare Connect Funding: Forming a Consortium**
(Washington Room 3)
 This Workshop will build off the prior policy panel on the Rural Healthcare Connect program. Speakers will discuss some of the specific strategies, especially around forming a consortium, that can lead to successful applications for funding.
Moderator: Jeffrey Mitchell, Lukas Nace Gutierrez & Sachs, LLP
 Tom Reid, Reid Consulting Group, Southern Ohio Health Care Network
 Jim Rogers, ProInfoNet, New England Telehealth Consortium
 W. Roger Poston, II, Medical University of South Carolina

Break-Out Sessions – Group 4

- 3:45 – 4:45** **Policy Panel: Policy Implications of the E-rate Funding Shortage**
(Washington Room 1)
 The E-rate program has been chronically underfunded since its inception in 1997. But the program now confronts a more acute problem – for the first time in history, there may not be sufficient funds to cover all funding requests for Priority I telecommunications and Internet services. How serious is this funding shortage? What are some options to address this problem?
Moderator: Jon Bernstein
 Noelle Ellerson, American Association of School Administrators
 Bob Bocher, Consultant, American Library Association
 Evan Marwell, Education Superhighway
- 3:45 – 4:45** **Policy Panel: Using and Improving State Broadband Mapping Data**
(Washington Room 2)
 This panel will explore some of the most innovative state programs to improve the depth and quality of state broadband maps and will address some of the particular challenges of mapping broadband for community anchor institutions.
Moderator: Craig Settles, Gigabit Nation
 Bob Gehrler, New York State Division of Homeland Security and Emergency Services
 Angela Bailey, NC Broadband Division, North Carolina Department of Commerce
 Jennie Stapp, Montana State Library
- 3:45 – 4:45** **Workshop: Digital Inclusion Stakeholder Engagement**
(Washington Room 3)
 Creating healthy, prosperous and cohesive 21st century communities requires a digital inclusion plan that engages all sectors of a community. Join us for a hands-on workshop focusing on the first step to building a digital community – defining and engaging stakeholders.
Moderator: Angela Siefer, OCLC
 Cathy Reeves, Dodge City Public Library
 Greta Clark, Dodge City Community College

 **Afternoon Plenary Session**
(Washington Rooms 4-6)

- 5:00 – 5:30** **Blair Levin, Author, “The Politics of Abundance”**
- 5:30 – 6:00** **Jessica Rosenworcel, Commissioner, Federal Communications Commission**
- 6 – 7:30**

Reception
 Sponsored by **Mobile Beacon** and **K&L Gates**
(Wilson Room)





7:30 – 8:30 **Continental Breakfast**
(exhibit area)

8:30 – 9:30  **Plenary Presentations:
Closing the Digital Divide**

Sunne McPeak, President and CEO, California Emerging Technology Fund
Jim Knight, Lord Knight of Weymouth, Online Centres Foundation

Break-Out Sessions – Group 5

9:45 –10:45 **Policy Panel: How Will the FCC's Broadband Adoption Pilot Programs Work?**
(Washington Room 1)
The FCC has chosen to fund a diverse set of 14 pilot programs to promote broadband adoption, many of which include anchor institutions. The results of these pilot programs will help the FCC to decide what kind of permanent reforms it should make to the Lifeline program. Learn what the FCC expects from these 14 pilot programs and hear how some of the pilot programs plan to help close the digital divide.

Moderator: Tom Koutsky, Connected Nation
Kim Scardino, Wireline Competition Bureau, FCC
Dave Davidson, Frontier
Elaine Divelbliss, Virgin Mobile

9:45 –10:45 **Policy Panel: Moving to E-rate 2.0: Reforming the E-rate Program for the 21st Century**
(Washington Room 2)
The FCC made several changes to the E-rate program in 2010, but more sweeping changes – under the moniker E-rate 2.0 – are on the horizon. What changes are needed to ensure the E-rate program has a positive role in addressing the 21st Century needs of our libraries and schools?

Moderator: Bob Bocher, Consultant, ALA
Lisa Hone, Wireline Competition Bureau, FCC
Sheryl Abshire, Calcasieu Public Schools and USAC Board Member

9:45 –10:45 **Workshop: Strategies to Develop Your Local Broadband Plan**
(Washington Room 3)
Representatives from Connected Nation and local government officials in Michigan will demonstrate their process for working with local communities to develop a community broadband plan.

Moderator: Eric Frederick, Connect Michigan
Sheryl Mase, State Library of Michigan
Travis Land, Connected Nation

Break-Out Sessions – Group 6

11:15 –12:15 **Policy Panel: Measuring Community Broadband Impact**
(Washington Room 1)
Determining the success of SBA and PCC projects requires advanced impact analysis, stemming in particular from research and data analysis. Panelists will look at case studies from a community-level view, a broad programmatic view, and a very focused programmatic view, to show how impacts can be measured, and results obtained.

Moderator: Francine Jefferson, NTIA
Karen Mossberger, University of Illinois at Chicago
Linda Hofschire, Colorado State Library
Bill Callahan, OneCommunity

11:15 –12:15 **Policy Panel: Inclusive Gigabit Libraries**
(Washington Room 2)
Inclusive Gigabit Libraries is an IMLS grant-funded project aimed to raise awareness of the U.S. Ignite initiative and the opportunities for libraries to increase digital and social inclusion in communities. This panel will share experiences from developing library applications and services designed to run on next-generation ultra-fast broadband and software-defined networks. It will also showcase specific applications and services from libraries in gigabit fiber communities including Chattanooga and Cleveland, and path-breaking collaboration tools developed for the Rutgers University Library Video Mosaic Collaborative.

Moderator: Dr. Jon Gant, University of Illinois
Sari Feldman, Cuyahoga County Public Library
Rebecca Ranallo, Cuyahoga County Public Library
Nate Hill, Chattanooga Public Library
Grace Agnew, Rutgers University Library
Nicole Levine, US Ignite

11:15 –12:15 **Workshop: Strategies to Sustain Your CCI Project**
(Washington Room 3)
Recipients of Comprehensive Community Infrastructure grants from NTIA will present successful strategies for sustaining their projects after the BTOP funding has ended.

Moderator: James Hay, OneCommunity
Essam El-Beik, Illinois Century Network
Joanne Hovis, CTC Technology and Energy
Jeff McCarthy, Maine Fiber Company



Plenary Session: Lunch
 Sponsored by Mobile Citizen
 (Washington Rooms 4-6)

1:00 – 2:00



**Plenary Presentations: Next-Generation
 Broadband Networks**

Moderator: Marty Stern, K&L Gates

Pankaj Shah, Executive Director, Ohio Supercomputer Center
 and OARnet, with **John Conley**, Assistant Deputy Chancellor, Ohio
 Board of Regents
Joe Freddoso, President and CEO, MCNC

2:00

End of Conference

*The SHLB Coalition would like to express
 its appreciation to OneCommunity, ICF
 International, the American Library Association,
 Connected Nation, the Fiber to the Home
 Council, and the staff at NTIA and the FCC for
 their assistance in creating this program.*



THANK YOU



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