



# 2018 OREGON CONNECTIONS TELECOMMUNICATIONS CONFERENCE

## “Oregon Connections: Digital Inclusion”

DATES: Thursday and Friday, October 18 and 19, 2018

TIMES: Thursday, 8:00 AM to 7:00 PM, and Friday 8:00 AM to 1:00 PM

### Thursday, October 18

Time	Activity	Presenters
8:00 – 8:45	<b>Registration, Continental Breakfast</b> <i>Gorge Room</i>	
8:45 – 9:00	<b>Welcome and Introductions –</b> <i>Columbia Room</i> <b>Joe Franell – Oregon Broadband Advisory Council</b>	
9:00 – 10:15	<b>Keynote Presentation</b> <i>Columbia Room</i>	<b>Mary Beth Henry – Digital Inclusion</b>
10:15 – 10:30	<b>Break / Room Transition</b>	
10:30 – 11:45	<b>General Session Panel #1</b> <i>Columbia Room</i> <ul style="list-style-type: none"> <li>• <i>Digital Inclusion</i></li> </ul> <p style="margin-left: 20px;"><i>Description</i></p> <p style="margin-left: 20px;"><i>Challenge</i></p> <p style="margin-left: 20px;"><i>Barriers</i></p> <p style="margin-left: 20px;"><i>Impacts</i></p> <p style="margin-left: 20px;"><i>Strategies</i></p> <p style="margin-left: 20px;"><i>Solutions</i></p>	<p><i>Moderator:</i> <b>Jeff Nicol</b>  <i>Gorge Technology Alliance, Intel</i></p> <p><i>Panelists:</i></p> <p><b>Mary Beth Henry</b></p> <p><b>Bryant Campbell – Business Oregon</b></p> <p><b>Rebecca Gibbons – City of Portland</b></p> <p><b>Matt Hiefield – Beaverton Schools</b></p> <p><b>Karen Perry – National Telecommunications and Information Administration (NTIA)</b></p> <p><b>Judge Steve Shaffer – Gilliam County</b></p> <p><b>Carla Wade – Oregon Department of Education</b></p>
11:45 – 12:00	<b>Break / Room Transition</b>	
12:00 – 1:20	<b>Oregon Connections Awards Luncheon</b> <i>Gorge Room</i> <b>Sponsored by</b> <b>LS Networks and Wave Business</b>	

1:20 – 1:45	<b>Break / Room Transition:</b>	
1:45 – 3:15	<p><b>Session – Women in Telecom</b></p> <p><i>Session Description: 360 Dialogue on the Impacts of Diversity in Telecom from her perspective</i></p> <p><i>Columbia Room</i></p> <p><u>Moderator:</u> <b>Kim Lamb</b></p> <p><u>Panelists:</u></p> <p><b>Sacha Basho – RiskSense, Inc.</b></p> <p><b>Renee Houston – Corning Optical</b></p> <p><b>Dr. Pam Lloyd – GCI</b></p> <p><b>Melody Riley-Ralphs – Office of the State Chief Information Officer</b></p>	<p><b>Session – Blockchain technologies and Crypto Currencies</b></p> <p><i>Session Description: Technologies enabling cyber transactions</i></p> <p><i>Riverview Room</i></p> <p><u>Moderator:</u> <b>Chris Burns – Lighthouse Investments</b></p> <p><u>Panelists:</u></p> <p><b>Scott Mainwaring – University of Washington</b></p> <p><b>Terrence Thurber – Oregon Mines</b></p> <p><b>Ted Valkov – Amity Labs</b></p>
3:15 – 3:30	<b>Break / Room Transition</b>	
3:30 – 5:00	<p><b>Session – Rural Broadband Infrastructure Funding and Deployment</b></p> <p><i>Session Description: Rural Broadband Solutions</i></p> <p><i>Columbia Room</i></p> <p><u>Moderator:</u> <b>Monica Babine – Washington State University</b></p> <p><u>Panelists:</u></p> <p><b>Jonathan Chambers – Conexon</b></p> <p><b>John Huffman – USDA Rural Development</b></p> <p><b>Karen Perry- National Telecommunications and Information Administration (NTIA)</b></p> <p><b>Stuart Taubman – Zayo</b></p>	<p><b>Session – Cybersecurity</b></p> <p><i>Session Description: Cyber threats and Oregon Cybersecurity Initiatives</i></p> <p><i>Riverview Room</i></p> <p><u>Moderator:</u> <b>Charlie Kawasaki – Oregon Cybersecurity Advisory Council and PacStar</b></p> <p><u>Panelists:</u></p> <p><b>Michael Gutsche – Microfocus</b></p> <p><b>Dave Nevin – Oregon State University</b></p> <p><b>Dennis Tomlin – Multnomah County</b></p>
5:20 – 7:00	<b>Exhibitor Fair and Reception</b> <i>Gorge Room</i>	

**Friday, October 19**

Time	Activity	Presenters
7:30 – 8:30	<b>Registration, Breakfast Buffet, Exhibitors' Tables</b> <i>Gorge Room</i>	
8:30 – 9:30	<b>General Session #2 Keynote Speaker</b> <i>Gorge Room Technology Challenges</i>	<b>Skip Newberry – Technology Association of Oregon</b>
9:30 – 9:45	<b>Next session setup</b>	
9:45 – 10:55	<b>General Session Panel #3</b> <i>Gorge Room</i>  <ul style="list-style-type: none"> <li>• <i>Public Safety FirstNet in Oregon</i></li> </ul>	<u>Moderator:</u> <b>Ben Gherezgiher – Office of the State Chief Information Officer</b>  <u>Panelists:</u> <b>Paul Braunstein – AT&amp;T FirstNet</b>  <b>Michael Duyck – State Interoperability Executive Council</b>  <b>Kristi Wilde – First Responder Network Authority</b>
10:55 – 11:30	<b>Next panel setup</b>	
11:30 – 12:45	<b>General Session Panel #4</b> <i>Gorge Room</i>  <ul style="list-style-type: none"> <li>• <i>Public Policy Net Neutrality and Regulation of the Internet</i></li> </ul>	<u>Moderator:</u> <b>Anne Carlross – Oregon Broadband Advisory Council</b>  <u>Panelists:</u> <b>Rich Bader – Oregonians for Net Neutrality</b>  <b>Joe Franell – Eastern Oregon Telecom</b>
12:45 – 1:00	<b>Conference Wrap-up (and Prize Drawing)</b>	
1:00	<b>Adjourn</b>	

**As of 10/9/18**

***Thank You!***

# Oregon Connections Speakers

As of 10/9/2018

## ***Keynote Speaker***

### **Mary Beth Henry**

Mary Beth Henry is a Digital Equity/Broadband Advocate. She is the former Director of the City of Portland's Office for Community Technology and Mt Hood Cable Regulatory Commission, where she initiated and oversaw development of Portland's Broadband Strategic Plan and the county-wide Digital Equity Action Plan, which brought together business, community, and governmental partners in the recognition that digital equity and affordable, ubiquitous, next generation broadband internet are essential for the region's future. Most recently she served as a Senior Fellow at the National Digital Inclusion Alliance where she co-wrote Informing Strategic Investment in Digital Equity.

She was appointed by the Governor to serve on the Oregon Broadband Advisory Council from 2009-2016. In 2012 she received the League of Oregon Cities prestigious Herman Kehrli Award for exceptional lifetime contributions to city government and for producing lasting benefits for her local community. In recognition of this lifetime achievement award the Portland City Council declared October 17 Mary Beth Henry Day in Portland. She served on the League of Oregon Cities Broadband and Telecommunications Committee for 16 years. She also served on the NATOA Board of Directors for 8 years and as its President in 2009. In 2006 she received the Oregon Connections Excellence in Telecommunications Legislation for her advocacy work in Salem and Washington, D.C.

In 2016, she was selected to present a peer-reviewed paper The Digital Livable City at the International Making Cities Livable conference in Rome, Italy. She received NATOA's 2016 Broadband Visionary of the Year and, along with her team, NATOA's Strategic Plan of the Year. She has a passion for collaboration, digital equity, broadband, and Oregon.

## ***Thursday***

### ***General Session Panel #1***

#### **Jeff Nicol (Moderator)**

Jeff is currently a Senior Privacy Analyst at Intel. He is a certified data privacy expert & thought leader with a strong track record of delivering practical solutions to support both bottom line and ethical objectives. He has extensive strategic and operational experience with global/enterprise, SMB, startup and pre-venture companies. Jeff is an active member of the Columbia Gorge community, with multiple leadership roles in area nonprofit and local government entities.

He has substantive knowledge of various US and international privacy regulations, including the EU Data Protection Directive, GDPR, CASL, COPPA, and TCPA. Experienced with framework-based approaches to managing privacy risks, as well as the practical application of Privacy by Design (PbD) and the use of Privacy Impact Assessments (PIA).

### **Bryant Campbell**

Bryant Campbell is an 18 year state employee with an extensive background in workforce Development, Diversity, Equity and Inclusion. He is currently the Diversity, Equity and Inclusion Manager for Business Oregon, the state's Business Development Department. Prior to Business Oregon, Bryant served as Director of the Office of Inclusion and Intercultural Relations for The Oregon Youth Authority where he lead the efforts to deliver culturally responsive services statewide to over 1,000 youth throughout the juvenile justice system; which included secure facilities, community programs and individualized family engagements; as well as tribal relations with Oregon's federally recognized Native American Tribes. Bryant has also chaired several culturally specific community advisory committees and spearheaded OYA's Transgender Gender Nonconforming Committee, leading OYA to its first LGBTQQI rule and policy. As a trainer and national speaker, Bryant frequently offers guidance to healthcare organizations on patient advocacy and patient centered primary care initiatives. Bryant understands that equity is action and positive action leads to positive outcomes.

### **Rebecca Gibbons**

In her 18 years of public service in Portland, Rebecca has led the development, coordination, and implementation of numerous programs and initiatives related to closing the digital equity gap and increasing access to broadband services. In her current role as the Digital Equity Program Coordinator, she leads a community consortium committed to developing and implementing strategies and programs that further the city-wide goals of Portland's Digital Equity Action Plan (DEAP) and Broadband Strategic Plan. Through participation on the City's Smart Cities Steering Committee, Rebecca keeps the City true to its vision by working to ensure that digital inclusion and equity values are central in the development of Portland's Smart Cities vision, policies and projects. Rebecca also manages the Mt. Hood Cable Regulatory Commission's (MHCRC) Community Technology Grants, which fund community organizations, libraries, and local governments to provide technology access and training to traditionally underserved and underrepresented populations.

### **Matt Hiefield**

Matt Hiefield (MAT) has 25 years of experience teaching high school and is currently a digital curator for the Beaverton School District. He is a member of the district's Equity Team and is passionate about digital divide issues and how the lack of home broadband internet access affects both teaching and learning. He currently serves as an ISTE (International Society for Technology in Education) Digital Equity Leader, an ISTE Digital Equity PLN Editor, and as a CoSN (Consortium of School Networking) Digital Equity Advisory Council Member. He also facilitates Latino Parent Technology Nights in an effort to address the digital use divide. Matt is on the leadership team for his district's large scale hotspot implementation project and is also a member of Beaverton's team that won CoSN's 2018 National Award for Digital Equity Work.

### **Karen Perry**

Karen Archer Perry is a Broadband Program Specialist with the National Telecommunications and Information Administration's BroadbandUSA program where she is responsible for working with community stakeholders to develop new tools and programs to advance broadband deployment, adoption, policies and use in communities across America. Prior to joining NTIA, Karen was a principal consultant at Clarion Collaborative, a consulting practice that leverages digital connections to strengthen and enrich communities. Karen has extensive nonprofit

experience including working as a Senior Program Officer at the Bill & Melinda Gates Foundation where her portfolio focused on expanding broadband to public libraries and strengthening library advocacy. Karen recently served as an advisor and author for the Broadband Opportunity Council Report, capturing commitments from 25 cabinet-level Federal Agencies to support increased broadband deployment, competition and adoption; she was also a contributor to the National Broadband Plan produced by Federal Communications Commission in 2010. Karen holds a masters in electrical engineering from Cornell University and a BSEE from the University of Washington.

### **Judge Steve Shaffer**

Judge Steve Shaffer has been a resident of Gilliam County for 41 plus years. His wife Rhonda, is currently a VP Loan Officer at the Bank of Eastern Oregon. His daughter Stephanie of San Diego, California is a Lieutenant Commander in the US Navy. His son Todd is a Principal/Educator in the Vale School District.

Judge Steve Shaffer took office in January 2013. As Gilliam County Judge, he is the Chair of the Gilliam County Court. He is also serves as the County's Juvenile and Probate Judge. Judge Shaffer currently serves as Vice-Chair on the Association of Oregon Counties Transportation and Community Development Steering Committee along with AOC's Legislative Committee. He is AOC's and the Governor's County appointment to the Eastern Oregon Regional Solutions Advisory Committee. Steve also represents the Gilliam County Court on various regional boards including, the Chairman of Frontier Telenet, Frontier Regional 911, Community Renewable Energy Association, North Oregon Regional Corrections and the Central Oregon Workforce Consortium.

### **Carla Wade**

Carla Wade is the Interim Director of Data, Operations and Grants Management for the Oregon Department of Education (ODE). Her team facilitates ODE's work in Chronic Absenteeism, professional development on digital learning, GoOpenOregon, the Oregon Educator Network, the Oregon Virtual School District, and data reporting for various programs. Her experience at ODE includes work in Federal Programs (Titles I-A, IIA and IID), district Improvement planning, STEM, and all things related to digital learning.

Carla has received recognition for her work in educational technology from the George Lucas Education Foundation (Faculty Associate, 2004), the International Society for Technology in Education (Making It Happen Award, 2006) and the State Educational Technology Directors' Association (State Leader of the Year, 2010). Carla has served on the Board of Directors for the International Society for Technology in Education (ISTE), the Oregon Science Teachers Association (OSTA) and the State Educational Technology Directors Association (SETDA) where she currently serves as Secretary on the Executive Board.

## **Thursday 1:45 – 3:15 PM Sessions**

### **Kim Lamb (Moderator)**

Kim Lamb is a nationally recognized progressive and entrepreneurial executive who has worked in both for-profit and non-profit environments with demonstrated proficiency in strategic planning, organizational development and operations management. Kim served as a senior program manager of government, healthcare and education for GCI. Kim served as Vice-President of Marketing for OCHIN and she served as the Executive Director of the Oregon Health Network from its launch to its merger with OCHIN. Kim has a Bachelor of Arts degree in Communications and Humanities from Marylhurst University and has studied Ethical Leadership at Claremont Lincoln University.

### **Melody Riley-Ralphs**

Melody Riley-Ralphs is the Chief Technology Officer within Oregon's State Chief Information Office. She is focused on helping the State of Oregon align technology with the strategic business direction—leading strategy, architecture, and planning. Melody has more than 20 years public sector experience, most of that within the State of Oregon in the Information Technology arena. Her experience includes: IT operations, project management, enterprise architecture, IT service management, strategic planning, facilitation, process & policy development, program development, management systems, and technology training management. Over the last year, Melody has been working with several different agencies in engagements involving project management, enterprise architecture, and modernization planning. In 2018, Melody was appointed by Governor Kate Brown to the Oregon Broadband Advisory Council. Melody holds a Bachelor of Science in Psychology with an emphasis on Industrial/Organizational Psychology and Computer Science from Western Oregon University.

### **Dr. Pam Lloyd**

Dr. Pam Lloyd is passionate about closing the digital divide for underserved rural communities. As the business-unit leader for GCI Government, Healthcare, and Education, she collaborates with leaders throughout Arctic Alaska to prioritize success strategies for closing the gap as it relates to access to healthcare and education through connectivity. Pam understands the pain points that communities in the Arctic face and the challenges with delivering high-speed broadband in remote and rugged terrain.

Pam contributes time to organizations advocating for equity and is a widely respected strategist and visionary. She was recently honored with the ISTE Making IT Happen Award and the EdTech Digest Leadership award.

As the Vice President, Pam Lloyd provides strategic leadership and management for GCI Government, Healthcare, and Education. She works with industry leadership and administration in each of these vertical market segments, with a focus on strategic solutions for both customers and GCI. Pam is responsible for the strategic direction for the largest EBITDA sector of GCI Business within GCI, and through her leadership and advocacy she creates a vision for her team that produces results.

Prior to joining GCI, Pam worked with the Anchorage School District (ASD) for 15 years. As ASD's leader in K-12 Instructional Technology, Pam led her team to provide technology support, resources, and opportunities for teachers and students in 103 schools. In her tenure as an administrator with ASD, Pam created and led the Technology Teacher Leader (TTL) program.

She also spent time in the classroom as an elementary teacher and as a middle school technology coordinator, where she gained a hands-on understanding of the technology needs of students and educators.

Prior to education, Pam spent a significant amount of time in the private sector, including the following industries: Construction, Oil & Gas, Native Corporation, Health Insurance, with a background in IT and Government Affairs.

Pam currently serves in a number of leadership positions with industry groups including board positions on the United States Academic Decathlon (vice-president), the Coalition for Equity in Education, the Global Alliance for Innovative Thinking, the University of Alaska School of Management Business Advisory, the University of Alaska T3 Principal promoting STEM in rural Alaska, and the Alaska Association of Secondary School Principals (AASSP). She is the past President of the Alaska Academic Decathlon, past President of the Alaska Society for Technology in Education (ASTE), and past Chairman of the Board for the Center for Interactive Learning and Collaboration (CILC). Pam was recently honored at ASTE with the ISTE Making IT Happen Award and presented with the 2017 EdTech Leadership awards.

Dr. Lloyd is a leader in Alaska's distance learning community, representing the ASD in the AK20 and Alaska Distance Education Consortium. She was a member of the K12 Online Teachers forum hosted through the Northwest Education Technology Consortium. She has been involved with the Alaska Learning Network with the Department of Education and has served on various state-wide committees.

Pam has a Ph.D. in transformational leadership in the digital age from the University of Alaska Fairbanks, and a M.Ed. in Education Leadership with a Type B Certificate, and B.Ed. from the University of Alaska Anchorage. She also has an Educational Technology Endorsement from the University of Alaska Southeast.

### **Renee Houston**

Renee's experience has been shaped by an exposure to the construction, racing, lumber, financial, petroleum, government, and telecommunications industries. Each of these experiences has shaped her understanding of opportunities and her strongest strength is to tie relationships from each of these spaces to current opportunities. It's a series of relationships that allows her to develop and serve her clients. One of the best experiences that she has had was launching an ATM company with her husband and brother, which ended up being one of the largest independent ATM companies in the country. Being able to compete against big business because of operating a nimble small business taught Renee how to align with small businesses in the federal government space and convert those alignments into rich joint ventures.

That partnership model continued on into the federal government sector, where joint ventures, teaming arrangements and unique attributes of small business, allowed a larger business like Corning to align with smaller businesses to leverage their NPI (Network of Preferred Installers). It's these entrepreneurial maneuvers that allow Renee to continue building alliances where each member has a way to contribute to the success of the larger picture. As an example, the work that was done through the Oregon Health Network, in developing rural access, is the very heart of Corning's current message. Bringing fiber-to-the-home, business, or other user premises is the major effort of our alignment strategy with Carriers across the country. Additionally, we are

creating public/private partnerships to expand into underutilized areas to serve the Department of Veterans Affairs and other governmental agencies that we serve throughout the country.

Coming from a family business and an entrepreneurial setting, is something that corporate settings can leverage if there is an understanding of how it brings value to the overall business. Renee's desire to serve the small business ties into her roots as an entrepreneur while allowing the large business to use its strength and credibility in business. It's bringing the best of each relationship to the end customer that Renee continues to enjoy. While at Integra Telecom/Electric Lightwave, Renee used this same methodology when the leadership elected to capitalize on federal business in the Pacific Northwest. Using the Oregon Health Network of expanded access via LS Networks and other rural co-ops, allowed her to use that footprint to support the federal agencies that she was working with. It's this same mindset that she uses today to work with the data center community, enterprise, federal government, state and local government as well as carrier clients at Corning.

Renee enjoys giving back to the community where she lives. She learned that helping others to achieve their goals is the best part of business. Currently Renee lives in Portland, Oregon with her husband, Rick and her son, Robert. She has 4 children, a horse named Peppy and a slew of friends that reside all over the country. Her favorite thing about this business is that it affords her opportunities to travel, meet new people and to learn about businesses that inspire her.

### **Sacha Basho**

Sacha loves solving puzzles, challenging the norms and creating "swing" with teams. She fell into telecommunications and transformed the opportunity into a career of building game changing teams across all market segments (consumer, enterprise, SLED & federal). For her, diversity is a natural by-product of adding perspective, experience and talent that is different from what the team possesses. Her commitment to "people centric" leadership proved you could achieve record breaking results in both *revenue* and *retention* with organizations such as T-Mobile and Integra Telecom/Electric Lightwave. Currently, she is building a global partner program for RiskSense, a transformative cyber risk management firm. Her personal passions include inspiring, connecting and enabling talented individuals. She is an alumni of Santa Clara University (Finance), Oregon Leadership Institute, Situational Leadership Academy & A Seat at The Table (Using It).

### **Chris Burns (Moderator)**

Chris worked in the Telecomm Industry as a Key Account Manager for 17 years. He now spends his time freely consulting on fiber projects, volunteering for various charities and investing with equity options. He can be reached on his kayak in the Columbia River when the water temp doesn't dip below 40 degrees.

### **Scott Mainwaring**

Scott has a PhD in Cognitive Psychology from Stanford University, and an AB in Computer Science from Harvard University. He is an independent researcher with focus on financial UX. Topics of interest include nation-level e-government services, Bitcoin technology adoption and adaption, and crowd investing. He has worked for Intel, Stanford University, Interval Research Corporation, and has taught at Portland State University and the University of Washington.

### **Terrence Thurber**

Terrence was one of the early enthusiasts of cryptocurrency mining when he began cloud mining in 2012. After several unsatisfactory hosting experiences, Terrence decided to build his own data center to maximize returns and implement best practices. Oregon Mines was established in The Dalles, Oregon for the sole purpose of hosting cryptocurrency mining equipment owned by Terrence and third parties.

### **Ted Valkov**

Ted is an MIT-trained aerospace engineer and software executive who moved to the Gorge twelve years ago to start a family and enjoy the outdoors. In 2013, he started an engineering experiment which ended up becoming one of the oldest and largest independent cryptocurrency mines in Oregon. Ted likes being different, and as a result, Amity Labs has evolved over the years in the direction of R&D, equipment, engineering services, and infrastructure development for blockchain applications. Large-scale blockchain facilities are technically challenging projects, but they also offer a big promise for local economic development. With a bit of strategy, we Oregonians are in one of the best spots in the world to make it happen.

## ***Thursday 3:30 – 5:00 PM Sessions***

### **Monica Babine (Moderator)**

Monica Babine is the Senior Associate leading the Program for Digital Initiatives within DGSS. She works with business, government, economic, and community development organizations on promotion, policy and program development, research, and technical assistance to increase broadband awareness, access, and use.

Her work in this area dates back to 1990 when she participated in one of the first telecommuting demonstration projects in the country. Monica welcomes opportunities to work with partners including previously representing WSU on the USDA Stronger Economies Together program, providing broadband expertise for the WSU 530 Slide Team and she co-leads the national award winning WSU Extension Pathways to Prosperity Conference.

Monica is currently active on several national, state and local groups including the National Telecommunications Information Administration State Broadband Leaders Network, Rural Telecommunications Congress, Inland Northwest Partners, Affiliated Tribes of Northwest Indians Telecommunication Technology Committee, Columbia Gorge Broadband Consortium, Partners for Rural Washington, WSU Economic Development Council, and the Stevens County Broadband Action Team.

Prior to joining WSU, Monica led a consulting firm focused on community and economic development for public, private and non-profit organizations. She was at a major telecommunications company in Washington for fourteen years working in operator services, accounting, marketing and public affairs.

### **John Huffman**

The Columbia River Gorge has been home for John Huffman the past 35 years. In 2007, John sold his Gorge radio station and moved it to Seattle. Shortly after, John was encourage to run for an appointment to recently vacated House District 59 in the Oregon Legislature. The next 10

years were filled with countless legislative accomplishments, including some North Central Oregon broadband projects. A year ago John was appointed the Oregon State Director for USDA Rural Development. In addition to overseeing the management of Rural Development's 50 programs, John heads up USDA's broadband efforts in Oregon.

**Karen Perry (See bio above)**

**Stuart Taubman**

Stuart Taubman is the Vice President of Business Development for Dark Fiber Solutions in the West for Zayo Group. For the last 20+ years, Stuart lived in the Northwest and been involved in many fiber and technology infrastructure expansions at companies like Wiltel, WorldCom, GST Telecom, Time Warner Telecom, Electric Lightwave, and now Zayo Group. Zayo Group services over 1,100 data centers and 12 cable landing stations worldwide on its 120K route miles of fiber. Zayo powers customers around the world by providing fiber and data center connectivity over an exceptional network infrastructure, so our customers can enjoy the freedom and prosperity of high quality bandwidth.

**Jonathan Chambers**

Jonathan has worked for over twenty-five years at start-up companies, large corporations and the U.S. Government. For the past four years, Jonathan was Chief of the Office of Strategic Planning for the Federal Communications Commission. Jonathan was part of the senior leadership at the FCC that reformed \$12 billion in annual federal spending, including the rural and high-cost fund, e-rate, telecommunications relay services and the lifeline programs. Jonathan also conceived of the Rural Broadband Experiment and was involved in the auction design for the Connect America Fund.

Prior to the FCC, Jonathan worked in the cable and telecommunications industry in the U.S. and Europe. He was one of the original employees at Sprint PCS, where he was Vice President of Public Policy and Associate General Counsel. In Europe, he worked with Telenet (Belgium), Ono (Spain) and Ish (Germany). He was General Counsel of TVGateway, a company formed by Comcast, Cox and Charter to develop an electronic program guide. Jonathan was Chief Strategy Officer, General Counsel and a founder of Movida Communications, Inc., an MVNO focused solely on the US Hispanic market.

At the start of his professional career, Jonathan spent eight years in the U.S. Senate, as staff director for the Commerce Committee, staff member of the Intelligence Committee and legislative director to Senator Jack Danforth (R-MO). Jonathan holds a BA in economics from Yale College, an MA in international affairs from Columbia University and a JD from Georgetown University Law Center.

In March 2016, Jonathan left the FCC to join Conexon to help electric cooperatives bring FTTH broadband to rural areas throughout the country. He is currently a member of the board of directors of the Nicholville Telephone Company in upstate New York.

**Charlie Kawasaki (Moderator)**

Charlie Kawasaki joined PacStar in early 2005 to lead the company's technology strategy and future product roadmap for its proprietary product lines. He continues in that role today. Charlie has extensive experience in product development, software engineering, technology licensing, patent development, business development, product marketing, general management and M&A.

Prior to joining PacStar, Charlie provided his expertise to early stage technology companies, where he created dozens of software solutions in such industries as Internet infrastructure, cybersecurity, energy management, software utilities and relational databases. Charlie served as CEO of RuleSpace, Inc., which created world-leading technology for Internet parental controls applications used by companies such as AOL, Yahoo, SBC, BellSouth, and Microsoft. Before RuleSpace, he held product development and engineering management roles at The Palace, Inc., Creative Multimedia Corp., Central Point Software, Inc., Asymetrix Corp. and Microrim, Inc.

Apart from his various company roles, Charlie has a career long commitment to economic and industry development through association board service, including Software Association of Oregon, Regional Alliance for Infrastructure and Network Security, and Smart Grid Northwest. He currently serves as a board member of the Technology Association of Oregon (TAO) and co-chairs the TAO Cyber Lab. He is also co-founder and manager of NW Cyber Camp (formerly PDX Cyber Camp), a popular summer camp which provides cybersecurity education to high school students throughout Oregon.

**Michael Gutsche**

Michael Gutsche is a security strategist for Micro Focus International, which he joined as part of Micro Focus' acquisition of Hewlett Packard Enterprise. Prior to joining HPE, he was senior vice president, operations core services, for MasterCard, senior director for the global operations service center for ESI and executive director, information security and engineering for Sisters of Mercy Health System. Mr. Gutsche holds a Masters of Business Administration degree and a Bachelor of Science degree in chemical engineering, systems engineering from Washington University in St. Louis.

**Dave Nevin**

Dave Nevin is the Director of the Oregon Research and Teaching Security Operations Center, and is the Chief Information Security Officer at Oregon State University. He is charged with the development and implementation of a security program that leverages collaboration across University divisions, advises senior leadership on security direction and resource investments, and designs appropriate policies, practices, and standards to manage information security risk. His specialties include Information Systems Security (CISSP), Computer Forensics Technician, End Point Security, Security Awareness, Infrastructure Planning, Highly Available Systems, Disaster Recovery and Business Continuity, Policy and Procedure Development, Contract Negotiations, Research Computing, Electronic Research Administration, Education and Technical Writing. He holds the CISSP and is an NTI certified forensics technician.

**Dennis Tomlin**

Dennis Tomlin is the chief information security officer for Multnomah County, where he is responsible for leading the county's cybersecurity efforts. He manages a team that ensures endpoint and perimeter protection, incident response, forensics, identity management, HIPAA compliance and SAP security.

In his role as county HIPAA security officer, he establishes policy, provides leadership and consulting for in-house county security initiatives. He protects county and constituent data and privacy by employing a 3x3x3 security model which consists of cyber intelligence, defense in depth and incident response. This approach is shielded within the CIA Triad of Confidentiality, Integrity and Availability while considering people, process and technology.

Previously, Mr. Tomlin was the information security and governance program manager for Papa Murphy's International, leading efforts to align the company with Sarbanes-Oxley and PCI-DSS security and compliance requirements. He was also responsible for authoring and maintaining IT policies and procedures, partnering with management on budget forecasts, and ensuring quality data is processed.

He also worked for 13 years for Lake Oswego medical device firm Biotronik in various roles, most recently as senior information security and GRC manager, where he was responsible for the global company's IT security, governance, risk and compliance. He focused on HIPAA, FDA and ISO IT compliance within an ITIL and COBIT framework.

Mr. Tomlin has degrees in elementary education from Portland State University and forestry from Mt. Hood Community College. He also served in the Peace Corps in Paraguay from 1978 to 1981.

***Friday******General Session Panel #2*****Skip Newberry**

Skip Newberry is president and CEO of the Technology Association of Oregon (TAO), which promotes technology in Oregon and advocates for public policies that ensure the continued growth and success of Oregon's tech industry, and focuses on professional networking and talent development.

Before joining TAO, Mr. Newberry served as an economic development policy advisor to Portland Mayor Sam Adams, where he helped create Portland's first comprehensive economic development strategy in 16 years, recognizing software as a key industry cluster. While at the City of Portland, his projects included the adoption of the nation's first open source software procurement policy at the municipal level, an award-winning regional open data initiative and the development of resources to support entrepreneurship, like the Portland Seed Fund. Previously, Mr. Newberry was a corporate and IP attorney and entrepreneur.

Additionally, Mr. Newberry is the chairman of the board of directors of the Technology Councils of North America (TECNA), which is a global network of technology and entrepreneurship associations, and he serves on advisory boards for Wells Fargo and Worksystems, Inc. He is also a 2012 recipient of the Portland Business Journal's 40 Under 40 award.

He holds a J.D. from the University of Connecticut School of Law and a Bachelor's degree in international relations from Colby College. A frequent speaker on technology trends and topics, economic development, public-private partnerships and civic innovation. When he's not working on behalf of the region's tech industry, Mr. Newberry enjoys exploring the Pacific Northwest with his family.

## ***Friday***

### ***General Session Panel #3***

#### **Ben Gherezgiher (Moderator)**

Mr. Gherezgiher is currently serving as a senior IT Portfolio manager for public safety at the Oregon State CIO's office. He is also serving as the state SPOC for the State of Oregon. He has 27 years of extensive experience developing, deploying and managing mission critical law enforcement centric and general public safety Information Technology solutions with consistent track record of increasing efficiency and creating opportunities for technological excellence, while saving cost for many law enforcement agencies. The last 6 years he served as CIO leading 15 public safety agencies in the State of Oklahoma as part of the state CIO's leadership team and was the SPOC for managing FirstNet initiative in the state.

Mr. Gherezgiher is a strong advocate of utilizing standards and has participated in many national committees such as NIST, CJIS Taskforce and NIEM, and worked with industry technology leaders to develop and adopt standards for delivery of IT services in support of public safety. He has a proven track record working on collaborative projects that involve multiple stake holders utilizing steering committees and equitable governance principles. Some of the notable projects include, Project OASIS, State Public Safety Center for Excellence, Oklahoma Public Safety Broadband Network Initiative, State DL modernization/Real-ID, State AFIS system, projects that support 300 plus agencies in the State of Oklahoma.

Mr. Gherezgiher has several professional trainings specific to applied technologies in areas of systems architecture, database design, Java frameworks, Project Management, Radio communications to include LTE based RF technologies and network security. He holds a BS degree in computer science and mathematics.

#### **Paul Braunstein**

Paul Braunstein is a FirstNet Solutions Consultant at AT&T. During his 22 year tenure with AT&T, Braunstein has been helping state and local governments enhance productivity using mobile solutions and applications. Braunstein's commitment to the FirstNet mission is proven by his work ethic and passion to help better public safety communications. Braunstein holds a bachelor's degree in business management from Portland State University. In his spare time, he enjoys spending time outdoors with his wife, Christine and daughter Taylor.

#### **Kristi Wilde**

Kristi has been working as an advocate for public safety communications and coordination for more than three and a half decades. She is passionate about collaboration on all levels, working to maximize experience and resources for the benefit of the public we serve. In her second career, she was hired by the First Responder Network Authority in late March 2013 to establish relationships and work on outreach/ advocacy for state, tribal, local and territorial

governments. She currently serves FirstNet as the State/Local Advocacy and 911 Advisor for the Western Area.

Kristi spent 31+ years, working in public safety communications. The last twenty were in management of a consolidated regional 9-1-1 communications center in Lane County, Oregon. During that time, she witnessed the evolution of critical communications from pen, paper and tubes to 9-1-1 systems and digital land mobile radio systems capable of carrying data to and from first responders in the field. Kristi was appointed by the Governor to serve on the Oregon Statewide Interoperability Executive Council from its inception in 2002 through 2012, holding various positions until retiring as acting chair in December 2012. On a local level, she worked closely with others on a regional basis to coordinate and manage the build out of two regional radio systems and to expand emergency planning efforts to encompass multiple partners, both traditional and nontraditional. Kristi is a past president of the Oregon chapter of APCO/NENA and remains active on a state and national level with both APCO and NENA. Kristi holds a bachelor's degree in both sociology and psychology from the University of Oregon and still calls Eugene home.

### **Mike Duyck**

Mike Duyck is the Fire Chief/Chief Executive Officer of Tualatin Valley Fire & Rescue (TVF&R), Oregon's largest fire district, with a service area covering eleven cities and portions of four counties, in over 390 square miles. He is responsible for a progressive combination agency comprised of over 542 career firefighters and support staff, and about 87 support volunteers, who provide fire, emergency medical, and specialty rescue services to approximately 500,000 citizens. Chief Duyck has over 30 years of experience in the fire service, starting his firefighting career at Washington County (OR) Fire District #2, and later joining the City of Lake Oswego (OR) Fire Department in 1988. He joined TVF&R in 1995 and became Fire Chief in September 2010. He has served in all ranks of emergency services as well as fleet services, human resources, logistics, emergency management, and government affairs. Chief Duyck has a Bachelor of Science Degree in Fire Business Administration and an Associate Degree in Fire Science. He holds numerous certifications in emergency operations and is an Oregon-certified Paramedic. He completed the National Fire Academy Executive Fire Officer (EFO) Program, is designated as a Center for Public Safety Excellence Chief Fire Officer (CFO), and is a member of the Institution of Fire Engineers. Mike is also Chair of the Governor appointed State Interoperability Executive Council.

### ***Friday***

#### ***General Session Panel #4***

### **Anne Carloss (Moderator)**

Anne Carloss is currently serving as the Director of Special Education/Student Services for the Hood River County School District. Ms. Carloss is a native of Chicago, Illinois, where she graduated from Loyola University with a BS in special education. She then graduated from Aurora University with an MA in educational administration. She also has an ED.S in educational leadership from Lewis & Clark College. Ms. Carloss has served as a board member for the Boys & Girls Club of Hillsboro and Opportunity Connections of Hood River and The Dalles, and currently serves on the board of Hood River's Children's Advocacy Center. Ms. Carloss has many years of experience as a teacher and administrator in public schools in Illinois and Oregon. Anne is also a member of the Oregon Broadband Advisory Council.

### **Rich Bader**

Mr. Bader is a 40-plus-year veteran of the high tech industry, beginning his career at Digital Equipment in the '70s. Settling in Oregon in 1978 to join Intel Corporation, Mr. Bader was founder and co-general manager until 1990 of Intel's Personal Computer Enhancement Operation, a multi-hundred-million dollar business that launched Intel into the personal computer end-user market. After leaving Intel in 1990, Mr. Bader was able to watch his daughter grow while reviewing state-of-the-art products and writing about them for Stewart Alsop's PC Letter, a newsletter widely read by leaders in the personal computer industry. That led to four years as a consultant, assisting companies such as Intel, HP and Microsoft develop business plans and products. Then the Internet happened. Tired of traveling away from his family and looking to become more of a contributor to the region he loves, EasyStreet was conceived and launched in 1995. He retired from EasyStreet in 2014. Mr. Bader is active in the community at the intersection of public policy and technology and innovation. He currently serves on the board of the Oregon Growth Account, the Oregon Innovation Council (Oregon InC) and is a member of the Oregon Sustainability Center IT Advisory Board. He has a BSEE from Northeastern University, 1974.

### **Joe Franell – Eastern Oregon Telecom (See bio below)**

#### ***Master of Ceremonies***

#### **Joe Franell**

Joseph Franell is currently the General Manager and Chief Executive Officer of Eastern Oregon Telecom (EOT), a rural competitive telephone company and Internet service provider. EOT serves residents and businesses in the Hermiston/Pendleton area of Northeastern Oregon. Prior to coming to work at EOT, Franell was the Director of Information Technology for the City of Ashland, Oregon, where he was responsible for the Ashland Fiber Network, a municipally-owned and operated broadband telecommunications company. Ashland was selected as one of the Intelligent Communities Forum Smart 21 Communities for 2007 and 2008, because of its innovative and visionary use of broadband technologies.

Franell graduated from college in Texas with a major in education and a minor in communications and then joined the Army where he served for 10 years. Franell left the Army as a Captain after receiving significant experience in communications, operations and logistics. Prior to coming out West, Franell worked for almost 10 years in the telecommunications industry in the Southeastern United States.

Franell has been a featured speaker at numerous state, national and international conferences and forums.

#### ***Thank you to our Planning Committee!***

Chris Burns, Tawny Cramer, Duke Dexter, Joe Franell, Diane Garcia, John Irwin, Keith Mobley, Carrie Pipinich, Dave Sabala, Krystal Stone, Chris Tamarin, and Peter Trnavskis.

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