

PP Partnership for Progress
DD on the Digital Divide

**Partnership for Progress on the Digital Divide
2017 International Conference**

**May 24-26, 2017
San Diego, California USA**

Your PPDD 2017 Conference Leadership Team

Conference Organizer

Susan B. Kretchmer, Partnership for Progress on the Digital Divide

Proceedings and E-Book Editorial Organizer

Tomasz Drabowicz, University of Lodz

Europe Organizer

Grant Blank, Oxford University and Oxford Internet Institute

Africa Organizer

Bill Tucker, University of the Western Cape and Bridging Application and Network Gaps

Asia, the Pacific, and the Middle East Organizer

Ellie Rennie, RMIT University

Canada Organizer

Richard Smith, Simon Fraser University and Centre for Digital Media

United States Organizer

Susan B. Kretchmer, Partnership for Progress on the Digital Divide

Latin America and the Caribbean Organizers

Laura Robinson, Santa Clara University

Hopeton S. Dunn, University of the West Indies, Jamaica and

Caribbean Institute of Media and Communication

Policymaker, Practitioner, and Stakeholder Liaisons

Gary Knight, San Diego Futures Foundation

Angela Siefer, National Digital Inclusion Alliance

Your San Diego Digital Inclusion Program Hosts

Able-Disabled Advocacy

Elaine Cooluris, Executive Director

Computers 2 SD Kids

Chéri R. Pierre, Chief Executive Officer

San Diego Futures Foundation

Gary Knight, Executive Director

Local Arrangements Coordinator
Kayra Frank, San Diego Futures Foundation

Co-Sponsors

American Anthropological Association Committee on the Anthropology of Science,
Technology, and Computing

American Library Association Office for Information Technology Policy

American Political Science Association Information Technology and Politics Section

American Public Health Association Health Informatics Information Technology Section

American Sociological Association Communication, Information Technologies, and
Media Sociology Section

Community Informatics Research Network

Government of France Ministry for the Economy and Finance French Digital Agency

International Association for Media and Communication Research Communication Policy
and Technology Section

International Association for Media and Communication Research Digital Divide
Working Group

International Association for Media and Communication Research Global Media Policy
Working Group

International Communication Association

International Communication Association Communication and Technology Division

International Communication Association Communication Law and Policy Division

International Communication Association Mass Communication Division

iSchools

National Communication Association

National Digital Inclusion Alliance

NTEN: The Nonprofit Technology Network

Public Library Association

Urban Libraries Council, Edge Initiative

Publishing Partners

Information Technologies and International Development

Journal of Community Informatics

Journal of Information, Communication and Ethics in Society

Journal of Information Policy

Online Journal of Public Health Informatics

Sponsors

The PPDD 2017 International Conference would not be possible without the generosity of our Sponsors whose dedication to enriching the dialogue and connecting research, policy, and practice leads the way in advancing the agenda on the digital divide. Please join us in thanking them.

Gold Sponsor and May 26 Conference Plenary Luncheon Host



<https://www.liverpool.ac.uk/digital>

Ruby Sponsors



<http://spa.asu.edu/>

USC Annenberg
School for Communication
and Journalism

<http://Annenberg.usc.edu>

Silver Sponsor

ASU SCHOOL FOR THE **FUTURE**
of Innovation in Society
ARIZONA STATE UNIVERSITY

**Partnership for Progress on the Digital Divide (PPDD)
2017 International Conference
May 24-26, 2017
San Diego, California USA**

Schedule

Wednesday, May 24, 2017

10:15-10:45 a.m. Upper Lobby of Best Western Plus Island Palms Hotel & Marina
Registration

10:45-11:45 a.m. Grand Marina Ballroom
Welcome and Brief Summary Introduction to the Current Status of the Digital Divide
Around the World

11:45-11:55 a.m.
Break

11:55 a.m.-2:15 p.m. Grand Marina Ballroom
May 24 Plenary Luncheon

2:15-2:30 p.m.
Break

2:30-3:45 p.m. Rooms: Grand Marina 1, Grand Marina 2, Harbor, and Bay
4 Breakout Sessions

3:45-4 p.m.
Break

4-5:15 p.m. Rooms: Grand Marina 1, Grand Marina 2, Harbor, and Bay
4 Breakout Sessions

7-10 p.m. Grand Marina Ballroom
Reception, Banquet Dinner, and Networking

Thursday, May 25

9-10:15 a.m. Rooms: Grand Marina 1, Grand Marina 2, Harbor, and Bay
4 Breakout Sessions

10:15-10:30 a.m.
Break

10:30-11:45 a.m. Rooms: Grand Marina 1, Grand Marina 2, Harbor, and Bay
4 Breakout Sessions

11:45-11:55 a.m.
Break

11:55 a.m.-2:15 p.m. Grand Marina Ballroom
Keynote Luncheon

2:15-2:30 p.m.
Break

2:30-3:45 p.m. Rooms: Grand Marina 1, Grand Marina 2, Harbor, and Bay
4 Breakout Sessions

3:45-4 p.m.
Break

4-5:15 p.m. Rooms: Grand Marina 1, Grand Marina 2, Harbor, and Bay
4 Breakout Sessions

7-10 p.m. Optional Dinner at Polynesian Restaurant -- Only for those who registered in advance for this optional activity

Friday, May 26

9-10:10 a.m. Grand Marina Ballroom
Building a Digital Divide Research Agenda Plenary

10:10-10:25 a.m. Break

10:25 a.m.-12:15 p.m. Rooms: Grand Marina Ballroom, Harbor, and Bay
3 concurrent discussion sessions

12:15-12:25 p.m.
Break

12:25-2:45 p.m. Grand Marina Ballroom
May 26 Plenary Luncheon

2:45-3 p.m. Break

3-3:50 p.m. Grand Marina Ballroom
Concluding Discussion

3:50-4 p.m. Grand Marina Ballroom
Closing Remarks

Wednesday, May 24, 2017

**Welcome and Brief Summary Introduction to the Current
Status of the Digital Divide Around the World**

10:45-11:45 a.m.

Room: Grand Marina Ballroom

Chair: Karen Mossberger, Arizona State University

Europe

Grant Blank, University of Oxford and Oxford Internet Institute

Africa

Bill Tucker, University of the Western Cape and Bridging Application and Network Gaps

Asia, the Pacific, and the Middle East

Ellie Rennie, RMIT University

Canada

Anabel Quan-Haase, University of Western Ontario

United States

Rafi M. Goldberg, U.S. Department of Commerce, National Telecommunications and
Information Administration, Office of Policy Analysis and Development

Latin America and the Caribbean

Laura Robinson, Santa Clara University

May 24 Plenary Luncheon

11:55-2:15 p.m.

Room: Grand Marina Ballroom

**Gaps in Digital Divide Understanding and Research:
Global Perspectives**

12:45-2:15 p.m.

Chair: Karen Mossberger, Arizona State University

Andrea Kavanaugh, Senior Research Scientist and Associate Director,
Center for Human Computer Interaction and Courtesy Appointment: Computer Science
Department, Virginia Tech

Hernan Galperin, Research Associate Professor, Annenberg School for Communication,
University of Southern California

Blanca Gordo, International Computer Science Institute

Neha Kumar, Assistant Professor, School of International Affairs and School of
Interactive Computing, Georgia Institute of Technology

The theme of the May 24 Plenary is that as we all continue to identify barriers and solutions to bridging the digital divide, we are also identifying gaps in understanding and research. Thus, this Plenary will be a rousing discussion of this topic beginning with panelists sharing the gaps they have found followed by a moderated discussion amongst the panelists and the audience. We intend this session to be both fascinating and important in developing and moving forward the digital divide research agenda.

“Ways of Being Digital” Review Workshop

2:30-3:45 p.m.

Room: Grand Marina 1

Chair: Simeon Yates, University of Liverpool

This interactive workshop provides an opportunity to feedback on the outcomes of the “Ways of Being in a Digital Age” review project. This project, led by an international team and funded by the UK government Economic and Social Research Council, sought to identify future digital society research challenges. The workshop activities will focus on the recommendations for “Citizenship, politics and governance” and “Communities, communication and wellbeing”. Workshop outcomes will support potential ESRC planning around future international collaborations.

Exploring Youths and the Digital Divide

2:30-3:45 p.m.

Room: Grand Marina 2

Chair: Teresa Correa, UDP

“Media Mentorship and Youth Serving Librarians”

Marianne Martens, Kent State iSchool and ALSC Representative

“Re-examining Privacy Discourse in the Global South: View from Shared ICT Settings and Youth Digital Practices in Urban Slums”

Cheryll Ruth Soriano, De La Salle University

“Learning from or Leaning On? How Children Affect Internet Use by Adults”

Hernan Galperin, University of Southern California

“Resistance, Opportunities, and Tensions: The Role of Children and Young People in Internet Adoption of Isolated Communities”

Isabel Pavez, UAndes; Teresa Correa, UDP

Indigenous Communities and the Digital Divide

2:30-3:45 p.m.

Room: Harbor

Chair: Ellie Rennie, RMIT University

“Device-Sharing Practices and Digital Inclusion in Remote Aboriginal Communities”

Ellie Rennie, RMIT University

“First Nations Community Broadband in Canada: Research, Policy, Public Outreach, and Digital Literacy”

Rob McMahon, University of Alberta and FMCC Coordinator; Susan O’Donnell, University of New Brunswick; Brian Beaton, University of New Brunswick; Heather Hudson, University of Alaska, Anchorage; Tim Whiteduck, First Nations Education Council; Penny Carpenter K-Net Services

“The Digital Divide on California Native American Reservations: The Yurok Tribe, the Electricity and Digital Divide's Causes, Consequences, and Opportunities”

Catherine Sandoval, Santa Clara University

“Broadband for All in the Canadian North?: An Analysis of Regulatory Policy and Indigenous Engagement”

Heather Hudson, ISER, University of Alaska Anchorage

Information and Communication Technologies and Social Justice, Media Justice, and Ethics

2:30-3:45 p.m.

Room: Bay

Chair: Katharine Sarikakis, Institut fuer Publizistik- und Kommunikationswissenschaft, Uni Wien

“First Amendment Theory and Online Activism: #BlackLivesMatter and #OscarsSoWhite as Social Media Movements Influencing Gatekeepers and Policy Makers in the Democratic Public Sphere”

Elizabeth Blakey, California State University Northridge

”#Palestine2Ferguson: Expanding Deluca's Public Screen for the Digital Age’

Darrian Carroll, University of Nevada, Las Vegas

“Human Rights as Ethical Framework for Technology Developers”

Izabela Korbiel, Institut fuer Publizistik- und Kommunikationswissenschaft, Uni Wien; Katharine Sarikakis, Institut fuer Publizistik- und Kommunikationswissenschaft, Uni Wien

“Detecting Racial Bias in Algorithms and Machine Learning”

Nicol Turner-Lee, Brookings Institution

"Imagining Feminist Futures and the Case of the Panic Button"

Neha Kumar, Georgia Institute of Technology

The Promise and Perils of Mobile Phones

4-5:15 p.m.

Room: Grand Marina 1

Chair: Joseph D. Straubhaar, University of Texas, Austin

“Scaffolding Technology for Low Literacy Groups: From Cell Phone to Desktop PC”

Andrea Kavanaugh, Virginia Tech

“Cell Phones as a Pathway to Digital Access, Computer Literacy, and New Forms of Digital Literacy”

Joseph D. Straubhaar, University of Texas, Austin

“Mobile Phones in the Philippines: Bridging the Digital Divide and Reinforcing Class Structures”

Cecilia Uy-Tioco, California State University, San Marcos

“Behavioral (Smartphone) Addiction among Rural and Urban School Students in North India”

Limalemla Jamir, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh; Mona Duggal, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh; Ritu Nehra, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh; Pushpendra Singh, Indraprastha Institute of Information Technology Delhi (IIIT-D), New Delhi; Sandeep Grover, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh,

Addressing the Digital Divide through Collaboration

4-5:15 p.m.

Room: Grand Marina 2

Chair: Gary Knight, Executive Director, San Diego Futures Foundation

Gary Knight, Executive Director, San Diego Futures Foundation

Chéri R. Pierre, Chief Executive Officer, Computers 2 SD Kids

Robert Eagleman, Able-Disabled Advocacy

Insights into Digital Inequality

4-5:15 p.m.

Room: Harbor

Chair: Wayne Buente, University of Hawaii at Manoa

“Toward a Homelessness Ontology: Defining Homelessness for Social Service Information Systems”

Wayne Buente, University of Hawaii at Manoa; Luz M Quiroga, University of Hawaii.
Information and Computer Sc./ Library and Information Sc.

“Assessing the Benefits of Digital Inclusion for Working Age Poorer People in the UK”
John Kirby, Sheffield Hallam University; Simeon Yates, University of Liverpool

“Digital Connectivity in Low-Income Housing Communities: Lessons from the Canadian Context”
Anabel Quan-Haase, University of Western Ontario; Farah Faisal, Rogers Policy Group;
Michael Haight, University of Western Ontario

“The Intersectionality of Digital Inequality in the US”
Bianca Reisdorf, Michigan State University; Colin Rhinesmith, Simmons College

Exploring Life in the Digital Age and Pervasive Technology

4-5:15 p.m.

Room: Bay

Chair: Andrew Iliadis, University of Ontario Institute of Technology

“The Fabric of Digital Life: Uncovering Efficiency Trade-offs in Embodied Technology”
Andrew Iliadis, University of Ontario Institute of Technology; Isabel Pedersen, University
of Ontario Institute of Technology

“I Sought it, I Reddit: Examining Health Information Seeking Behaviors among Reddit
Users”
Will Silberman San Diego State University; Rachael Record, San Diego State University;
Joshua Santiago, San Diego State University; Taewook Ham, San Diego State University

“Ubiquity and Mobility: Perceptions on the Ubiquity of Connections Through Internet of
Things”
Liana Furini, PUCRS; Sandra Henriques, PUCRS

“The City and the Book in the Digital Age: The Case of São Paulo”
Heloisa Pait, São Paulo State University Julio de Mesquita Filho

Reception, Banquet Dinner, and Networking

7-10 p.m.

Grand Marina Ballroom

Dean Ernest J. Wilson III
and the
**USC Annenberg School for
Communication and Journalism**

Congratulate

***Partnership for Progress on
the Digital Divide***

on a successful 2017 program!

USC Annenberg

Thursday, May 25, 2017

Digital Policy Workshop: Working Better Together to Create Policy

9-10:15 a.m.

Room: Grand Marina 1

Chair: Simeon Yates, University of Liverpool

This interactive workshop seeks to explore the challenges of academics and policy makers working better together. It builds on prior UK work undertaken by an international team as part of the Economic and Social Research Council's project: "Ways of Being in a Digital Age". The workshop activities will focus on the role of digital in social policy making, with specific foci on challenges of using data and digital tools to support policy making.

Exploring Adoption and Usage Issues for Older Adults

9-10:15 a.m.

Room: Grand Marina 2

Chair: Shelia Cotton, Michigan State University

"Designing User Interfaces for an Aging Population"

Kate Finn, Wiser Usability, Inc.; Jeff Johnson, Wiser Usability, Inc., UI Wizards, Inc., and University of San Francisco

"Factors Associated with Willingness to Adopt Technologies among Older Adults: Suggestions for Technology Training Interventions"

Ronald Berkowsky, University of Miami School of Medicine; Sara Czaja, University of Miami School of Medicine; Joseph Sharit, University of Miami

"Digital Divide within Older Adults: Family Care that Reduces Barriers to Technology Adoption and Usage?"

Yongsuk Hwang, Konkuk University; Namsu Park, Konkuk University

"'I just don't know if I'm made for this computer age': Discontinued ICT Usage Among Older Adults"

R.V. Rikard, Michigan State University; Ronald Berkowsky, University of Miami School of Medicine; Shelia Cotton, Michigan State University

Education and the Digital Divide

9-10:15 a.m.

Room: Harbor

Chair: Jorge Reina Schement, Rutgers University

“Diversity and Inclusion as an Asset in Higher Education”
Jorge Reina Schement, Rutgers University

“The Causal Mechanisms of the Second Order Digital Divide in Higher Education”
Sibusisiwe Dube, University of Cape Town

“Building Digital Inclusive Communities: Schools of Information as a Community Catalyst”
John Gant, North Carolina Central University

“Computer Science Education and School Districts’ Role in Bridging the Digital Divide”
Nan Renner, University of California, San Diego; Susan Yonezawa, University of California, San Diego; Roman Del Rosario, Sweetwater Union High School District; Art López, Sweetwater Union High School District

“Mission Admission: Navigating the Tension Between Scale and School Context in Digital College Guidance”
Zoe B. Corwin, University of Southern California; Tattiya J. Maruco, University of Southern California

Exploring Digital Literacy

9-10:15 a.m.

Room: Bay

Chair: Sora Park, University of Canberra

“Street-Level Bureaucrats and Data Literacy: Finding a Way Forward”
Andi Dixon, Columbia University

“Effective Informal Support Models of Digital Literacy: Warm Experts and Intermediaries”
Sora Park, University of Canberra; Jee Young Lee, University of Canberra

“Digital Literacy and Authorship Practices: Some Challenges”
Ana Abreu, Federal University of Sao Carlos

“Are Computer Introduction Classes Efficient in the Reduction of the Digital Divide? A Field Experiment Using Eye-Tracking Equipment”
Azi Lev-On, Ariel University; Tanya Zilberstein, Ariel University; Nili Steinfeld, Ariel University

Governmental Approaches to Bridging the Digital Divide

10:30-11:45 a.m.

Room: Grand Marina 1

Chair: Jorge Reina Schement, Rutgers University

“The French Digital Society Program: Broadening Access to Digital Opportunities”

Pierre-Louis Rolle, French Digital Agency; Oriane Ledroit, French Digital Agency

“The BroadbandUSA Connectivity Initiative: A New Framework for Local Planning and Foundation for Future Research”

Karen Perry, US National Telecommunications and Information Administration; Emy Tseng, US National Telecommunications and Information Administration

“A Regulator’s Perspective on the Digital Divide”

Steve Rosenberg, US Federal Communications Commission

Analyzing the Digital Divide

10:30-11:45 a.m.

Room: Grand Marina 2

Chair: Grant Blank, University of Oxford

“Disaggregating the Data: Digital Divides of Broadband Access and Adoption in Los Angeles”

Matthew Bui, University of Southern California

“A County-Level and Census Tract-Level Digital Divide Index”

Roberto Gallardo, MSU Extension Intelligent Community Institute

“Measuring the Australian Digital Divide”

Julian Thomas, RMIT University

“Uses of the Internet in Europe and North America”

Grant Blank, University of Oxford

“Disaggregating the Disability Digital Divide”

Susan B. Kretchmer, Partnership for Progress on the Digital Divide; Kenneth J. Levine, Michigan State University

Trust, Security and the Challenges of Life Online

10:30-11:45 a.m.

Room: Harbor

Chair: Brandon Brooks, Queens College of Charlotte

“Considerations for Digital Inclusion Strategy”

Alexis Schrubbe, University of Texas; Brandon Brooks, Queens College of Charlotte

“The Cultural Work of Web Filters: Implementing Inconsistent Information Access Across Alabama Public Schools and Libraries”

Chris Peterson, MIT Center for Civic Media; Shannon Oltmann, University of Kentucky; Emily Knox, University of Illinois at Urbana-Champaign

“Bridging the Digital Divide Securely”

Michael Brookey, Brookey & Company

“Life Online: The Digital Footprint Gap”

Moritz Büchi, University of Zurich, Christoph Lutz, BI Norwegian Business School and Marina Micheli, University of Zurich

Schools, the Digital Divide, and the Impact of ICT

10:30-11:45 a.m.

Room: Bay

Chair: Laura Robinson, Santa Clara University

“Distributing Computing Devices in Classrooms: Hedonic and Utilitarian Benefits Toward Technology Attitudes”

Young June Sah, Michigan State University; Taj W Makki, Michigan State University; Shelia R. Cotton, Michigan State University; R.V. Rikard, Michigan State University

“When First-Order Barriers Are High: A Comparison of Second- and Third-Order Barriers to Classroom Computing Integration”

Taj Makki, Michigan State University, Latoya O'Neal, University of Florida, Shelia Cotton, Michigan State University and R.V. Rikard, Michigan State University

“A Call for Computer Recess: The Impact of Activities on Minority Students’ Technology Self-Efficacy”

Christopher Ball, Michigan State University; Kuo-Ting Huang, Michigan State University; Jessica Francis, Michigan State University; Travis Kadylak, Michigan State University; Shelia Cotton, Michigan State University; R.V. Rikard, Michigan State University

“Education Policy and Technology Design: A Discussion on the One Laptop Per Student in Brazil”

Fernanda R. Rosa, American University

Keynote Luncheon

11:55 a.m.-2:15 p.m.

Room: Grand Marina Ballroom

Keynote

12:45-2:15 p.m.

Chair: Nancy C. Kranich, Rutgers University

Julian Thomas, Professor of Media and Communications; Director, Communications, Technology, and Policy Lab; Director, Social Change Research Platform, RMIT University

Kate Finn, Co-Founder and CEO, Wiser Usability, Inc.

Ernest J. Wilson III, Dean and Walter Annenberg Chair in Communication, Annenberg School for Communication and Journalism, University of Southern California; Founding Co-Editor, *Information Technology and International Development*

From U.S. and global perspectives, the Keynote explores the challenges and opportunities we face now, the next big issues ahead, and the place of researchers, policymakers, and practitioners in moving the digital divide agenda forward.

Culture, Capital, and Digital Inequality

2:30-3:45 p.m.

Room: Grand Marina 1

Chair: Laura Robinson, Santa Clara University

“Digital Inclusion and Human Capital Building”

Laura Robinson, Santa Clara University

“The ‘Jio Movement’: The Coming of Age of India’s Mobile Telephony Eco-system”

Koeli Goel, UIUC-ICR

“Addressing Women Access to Education through Overcoming Digital Marginalization of Women in Muslim Communities of Northern Nigeria”

Yunusa Ya'U, Centre for Information Technology and Development (CITAD) and Mohammed Aliyu, Bayero University, Kano

“Mediatized Realities: the Individual’s Algorithmical Identities under a Media Reflections Ecosystem”

Paulo Martins, CIES - ISCTE/IUL

“To know and not to know. Technologies and Power in Latin America”

Jorge A. Gonzalez, Universidad Nacional Autonoma de México

“Digital Capital and Digital Inequalities”

Jeremy Schulz, UC Berkeley

Institutions, Partnerships, and Policies to Bridge the Digital Divide

2:30-3:45 p.m.

Room: Grand Marina 2

Chair: Nancy C. Kranich, Rutgers University

“Public-Private Partnerships”

MyMy Lu, Cox Communications

“Closing the Digital Divide through Public Programs and Nonprofit Partnerships: Success Stories”

Dan Stoneman, San Diego Unified School District

“Anchors Aweigh: The Role of Institutions in Spanning the Digital Divide”

Nancy C. Kranich, Rutgers University

“Reaching the Rest of Us: Public Spectrum for Public Access: Libraries lead in providing public access via TV WhiteSpace to help bring billions of new users into global digital conversation”

Don Means, Gigabit Libraries Network

“Five Policy Principles to Close the Digital Divide (and keep it closed)”

Hon. Lloyd Levine (ret.), California Emerging Technology Fund and U.C. Riverside School of Public Policy Center for Broadband Policy and Digital Literacy

Community, Education, and the Digital Divide

2:30-3:45 p.m.

Room: Harbor

Chair: Tomasz Drabowicz, University of Lodz

“Branding a ‘Place in the Sun’: ‘Little Moscow’ within American Environments

Alina Rafikova, Florida International University (Graduate)

“Libraries and Education: Traditional and Digital Literacy Intersections Found in Adult Online Education Pathways’

Shauna Edson, University of Utah, Salt Lake City Public Library

“Bourdieu, Social Theory of Internet Use, and Correspondence Analysis of Digital Natives in Two European Countries””

Tomasz Drabowicz, University of Lodz

Challenges and Opportunities for ICTs and Health

2:30-3:45 p.m.

Room: Bay

Chair: Shelia Cotten, Michigan State University

“Exploring e-Health Literacy and the Digital Divide”

Aneka Khilnani, Santa Clara University

“Using ICTs for Maternal Health in Ghana

Christobel Asiedu, Louisiana Tech University

“Empowering or Dangerous? A Qualitative Audience Research on Older Adults’ Perception on Web-based, Health-related Information”

Violetta Jitomirskaya, Ghent University

“The Role of Motivation in Helping Older Adults Cross the Wearable Activity Tracker Divide”

Marie Bowen, Kendra Kamp, Anastasia Kononova, Wei Peng, Shelia R. Cotten, R.V. Rikard, Jessica Declercq and Lin Li all from Michigan State University

“Digital Group Interventions for Personal and Social Change”

Linda Royall, Oral Roberts University



How can we build a world where science and technology improve lives and reduce inequity and injustice?

**1-year master's in Science & Technology Policy
MS in Global Technology & Development**

ASU School for the Future of Innovation in Society
Arizona State University

sfis.asu.edu

Economic and Information Impacts of Digital Inequality

4-5:15 p.m.

Room: Grand Marina 1

Chair: Karen Mossberger, Arizona State University

“Opportunity, Discovery and Inspiration: Exposing Students and Adults to Cutting Edge Technology to Make Them More Competitive in a Digital Economy”

Misty Jones, San Diego Public Library

“Libraries and the Digital Divide Through the Lens of Economic Opportunity”

Alan Inouye, American Library Association

“At the Edges of the National Digital Platform”

Alexis Schrubbe, University of Texas; Richelle Crotty, University of Texas; Jacob Manlove, Oklahoma State University; Sharon Strover, University of Texas; Brian Whitacre, Oklahoma State University; Colin Rhinesmith, Simmons College

“The Information Divide: Digital Inequality, Online News and Place”

Karen Mossberger, Arizona State University; Caroline Tolbert, University of Iowa; Yang Zhang, Washington University-St. Louis

New Insights and Strategies for Digital Divide Research

4-5:15 p.m.

Room: Grand Marina 2

Chair: Jorge Reina Schement, Rutgers University

“What Comprises The Second- And Third Level Digital Divide? A Systematic Review Of Digital Divide Determinants’

Anique Scheerder, University of Twente, Alexander Van Deursen, University of Twente and Jan Van Dijk, University of Twente

“Who's Connecting: How Socioeconomics Affect the Frequency of Online Interactions”

Chris McGovern, Connected Nation, Inc. and Eric Frederick, Connected Nation, Inc.

“Home Digital Divide: Broadband Access and Differences in Capabilities Deprivation in Rural and Urban America”

Clayton Rosati, Bowling Green State University, Louisa Ha, Bowling Green State University and Gi Woong Yun, University of Nevada-Reno

“Frontiers in Digital Divide Research: Matching the U.S. Census CPS Computer and Internet Use Supplement with Other Surveys”

Rafi M. Goldberg, U.S. Department of Commerce, National Telecommunications and Information Administration, Office of Policy Analysis and Development

‘Assessing the Churn: The Hidden Issue in Access Research’

Susan B. Kretchmer, Partnership for Progress on the Digital Divide; Jorge Reina Schement, Rutgers University

Furthering Collaboration and Understanding

4-5:15 p.m.

Room: Harbor

Chair: Ernest J. Wilson III, University of Southern California

"How Should We Communicate about the ICT Divide?"

Ernest J. Wilson III, University of Southern California

‘Advancing Digital Equality in the Information Age’

Blanca Gordo, International Computer Science Institute

"Building Common Ground in a Wildly Webbed World: A Pattern Language Approach"

John C. Thomas, Problem Solving International

Research into Action: Skills Assessment and Training to Support a Digital Equity Action Plan

Jill Castek, University of Arizona and Cindy Gibbon, Multnomah County Library

‘DigitalLearn.org: Tutorials Designed to Support Digital Literacy Instruction in Public Libraries’

Crystal Schimpf, Public Library Association

Social Justice and Digital Inclusion

4-5:15 p.m.

Room: Bay

Chair: Mark Lloyd, University of Southern California

“The Digital Divide vs. Network Neutrality: Racialization and the Fight for a Democratic Internet in the U.S.”

Brian Dolber, California State University

“The Constitutional Foundation for Digital Inclusion”

Mark Lloyd, University of Southern California

“The Ethical Responsibility of School Districts to Create Digital Citizenship Curriculum to Close Digital Knowledge Gaps and Reduce Digital Risks”

Esther Moon, Arizona State University

“Gender Praxis: Rural Fiji Radio & Mobile Devices – Initial Findings”

Ashiyani Rahmani, University of Hawaii at Manoa

“Advancing Social Construction of Technology Theories in Non-Western Contexts: Vietnam’s Broadband Internet and Farmers’ Agency”

Trang Pham, University of Calgary

Global Perspectives on Power, Privilege, and Innovation in the Digital Age

4-5:15 p.m.

Room: Santa Barbara in Casa del Mar building (please use stairs to enter)

Chair: Sangeet Kumar, Denison University

“The Structure and Influence of Global Media on Twitter With the Social Network Analysis”

Debao Xiang, shanghai international studies university

“The Consequences of the Global Digital Divide on Editorial Decisions in Wikipedia”

Sangeet Kumar, Denison University

“The Geopolitics of Military Communication: A Case Study of China’s Satellite System”

Oiyani Ng, Simon Fraser University

“Exploitation of Social Gamers: A Case Study of South Korean Teen Girls’ Mobile Social Gaming”

Hogeun Seo, University of Texas at Austin and Claire Shinhe Lee, University of Texas at Austin

“Inclusive Innovation: Unpacking Notions of Inclusivity within a Case of Inclusive Digital Innovation”

Ritse Erumi, The University of Manchester

ASU School of
Public Affairs
Arizona State University

learn more:
spa.asu.edu

We are meeting new demands on public leadership in the context of changing models of governance, with faculty and students who are redefining ideas about public management and policy, in the classroom and in public institutions.

Leading academic programs

School of Public Affairs

#5 Information Technology

#16 Overall

– US News & World Report, 2017

Degree programs including:
public administration, public policy,
emergency management and homeland
security, program evaluation, public safety
leadership and administration,
executive MPA

Ph.D. program offering fully funded and
competitive research assistantships

Interdisciplinary research

Alliance for Innovation
Bob Ramsey Executive Education
Center for Emergency Management
and Homeland Security
Center for Organization Research and Design
Center for Policy Informatics
Center for Science, Technology
and Environmental Policy Studies
Center for Urban Innovation
Morrison Institute for Public Policy

Distinguished faculty

#1 university for
innovation

US News & World Report, 2016

#12 global research
productivity in public affairs
(van de Walle and van Delft 2015)

14 winners winners of
national and international
awards for research excellence:

Research on digital
technologies, policy
and government:

Stuart Bretschneider
Kevin Desouza
Mary Feeney
Tony Grubestic (college professor)
Erik Johnston
Yushim Kim
Jonathan Koppell
Spiro Marouls
Karen Mossberger
David Swindell
Eric Welch

Friday, May 26, 2017

Purpose

May 26 is a highly interactive, lively brainstorming and collaborative thinking dialogue among all attendees to create a digital divide research agenda based on the identification of gaps in understanding of crucial issues and the most effective ways to fill those gaps; to build multi-disciplinary, multi-national research partnerships to advance that digital divide research agenda; and to formulate action plans to connect research, policy, and practice on these issues.

Building a Digital Divide Research Agenda Plenary

9-10:10 a.m.

Room: Grand Marina Ballroom

Chair: Jorge Reina Schement, Rutgers University

Rafi M. Goldberg, Policy Analyst, U.S. Department of Commerce, National Telecommunications and Information Administration, Office of Policy Analysis and Development; and Karen Perry, Senior policy Analyst, U.S. National Telecommunications and Information Administration, BroadbandUSA

Steve Rosenberg, Chief Data Officer, Wireline Competition Bureau, U.S. Federal Communications Commission

Teresa Correa, Universidad Diego Portales

Ellie Rennie, RMIT University

Three Concurrent Discussion Sessions

10:25 a.m.-12:15 p.m.

Discussion Leader and Rapporteur: Karen Mossberger, Director and Professor, School of Public Affairs, Arizona State University

Discussant: Teresa Correa, Universidad Diego Portales

Room: Grand Marina Ballroom

Discussion Leader and Rapporteur: Jon P. Gant, Dean and Professor, School of Library and Information Sciences, North Carolina Central University

Discussants:

Steve Rosenberg, Chief Data Officer, Wireline Competition Bureau, U.S. Federal Communications Commission

Ellie Rennie, RMIT University
Room: Harbor

Discussion Leader and Rapporteur: Mark Lloyd, Professor of Professional Practice of Communication, Annenberg School of Communication and Journalism, University of Southern California

Discussant: Rafi M. Goldberg, Policy Analyst, U.S. Department of Commerce, National Telecommunications and Information Administration, Office of Policy Analysis and Development

Room: Bay



UNIVERSITY OF
LIVERPOOL

Digital: at the heart of our research revolution

At the University of Liverpool, we are harnessing the digital revolution to take on some of the world's greatest challenges.

From the sciences to the humanities, our research and education draws on the collision of data, connectivity, computing power, automation, virtual reality and analytics to create knowledge and innovation at scale. Whether it is supporting surgical planning with Virtual Reality or encoding ethics into robots, the breadth of our expertise positions us to challenge orthodoxy and spark innovation. Our enabling approach to industrial partnerships helps us to quickly move from discovery to transformation.

Ours is a holistic approach. We understand the transformative potential of digital but also its societal, cultural and economic impact.

More details at: <http://www.liverpool.ac.uk/digital>



Ways of Being in a Digital Age

The University of Liverpool, in collaboration with 17 other partner universities and organisations, is leading the UK Economic and Social Research Council (ESRC) review on "Ways of Being in a Digital Age". This review will inform potential future national research initiatives and international collaborations in this area. It will provide a holistic view of how digital technology mediates our lives, and of the way technological and social change co-evolve and impact on each other.

More details at: [www. https://waysofbeingdigital.com](http://www.https://waysofbeingdigital.com)

The foci for the projects are:

- Citizenship and politics
- Communities and identities
- Communication and relationships
- Health and wellbeing
- Economy and sustainability
- Data and representation
- Governance and security

For each of these domains, the project will be undertaking:

- A Delphi panel review of international experts' opinions on the state of the art in digital-facing social research.
- A 'concept mapping' of identified literature using digital humanities tools
- A systematic review of a sample of the literature
- Engagement events with non-academic stakeholders from the public and private sectors
- An assessment of the theory and methods applied in each domain

May 26 Plenary Luncheon
Sponsored by the University of Liverpool

12:25-2:45 p.m.

Room: Grand Marina Ballroom

Perspectives on the Importance of Connecting Research, Policy, and Practice

1:15-2:45 p.m.

Chair: Susan B. Kretchmer, Partnership for Progress on the Digital Divide

Discussion Moderator: Nancy C. Kranich, Rutgers University

Alan S. Inouye, Director, American Library Association Office for Information
Technology Policy

Jenifer Sunrise Winter, Associate Professor, School of Communications and Co-Director,
Pacific ICTD Collaborative, University of Hawaii at Manoa

Jayson W. Richardson, Associate Professor, University of Kentucky and Director, Center
for the Advanced Study of Technology Leadership in Education (CASTLE)

Hon. Lloyd Levine (ret.), Past Chair, Assembly Committee on Utilities and Commerce;
Founding Board member, California Emerging Technology Fund; Co-Founder, University
of California Riverside School of Public Policy Center for Broadband Policy and Digital
Literacy

The May 26 Plenary focuses on the importance of connecting research to policy and
practice to advance the digital divide agenda and find solutions to this pressing societal
concern.

Concluding Discussion

3-3:50 p.m.

Room: Grand Marina Ballroom

3-3:30 p.m.

Reports by Karen Mossberger, Jon P. Gant, and Mark Lloyd on the outcomes of the three morning discussion sessions

3:30-3:50 p.m.

Discussion amongst all attendees led by Jorge Reina Schement

Closing Remarks

3:50-4 p.m.

Room: Grand Marina Ballroom

Susan B. Kretchmer, President, Partnership for Progress on the Digital Divide

PP Partnership for Progress **DD** on the Digital Divide

About Partnership for Progress on the Digital Divide (PPDD)

Partnership for Progress on the Digital Divide (PPDD) is the only academic professional organization in the world focused solely on the digital divide and on connecting research to policymaking and practice to strategize actions and catalyze solutions to this pressing societal concern.

The academic research and practitioner community represented by PPDD has been working on the digital divide for well over twenty years and has produced thousands of books, book chapters, journal articles, and presentations on the topic and carried out innumerable community intervention initiatives, program evaluations, and engagements with policymakers and practitioners. This community stands ready to collaborate with government researchers, policymakers, and practitioners to build on our shared interests, methods, and goals to advance the agenda on broadband and the digital divide, to address the many challenges and opportunities presented by the digital world, and to further evidence-based policymaking and practice

More at <http://www.ppdd.org/>

Contact us via ppdd@ppdd.org