Related Reading
No Endorsement Intended or Implied

Related National Academies Publications

- Monitoring Educational Equity (2019)
- Minority Serving Institutions: America’s Underutilized Resource for Strengthening the STEM Workforce (2019)
- People Living with Disabilities: Health Equity, Health Disparities, and Health Literacy - Proceedings of a Workshop (2018)
- The Promise of Assistive Technology to Enhance Activity and Work Participation (2017)
- Communities in Action: Pathways to Health Equity (2017)
- Information Technology and the U.S. Workforce: Where Are We and Where Do We Go from Here? (2017)

Compounding Disparities in Health, Education, and Connectivity

Reaching the Unconnected: Benefits for kids and schoolwork drive broadband subscriptions, but digital skills training opens doors to household internet use for jobs and learning
John Horrigan
Technology Policy Institute, August 2019

"Sickle Cell Disease Still Tends to Be Overlooked"
Aaron Carroll
The New York Times, August 5, 2019

"It’s time for a new approach for mapping broadband data to better serve Americans"
John Kahan
Microsoft, April 2019

Value Added: Adopting a ‘Social Determinants of Health’ Lens
Anchor Institutions Task Force, March 2019

"A.I. Could Worsen Health Disparities"
Dhruv Khullar
The New York Times, January 31, 2019

"Digital Divide Is Wider Than We Think, Study Says"
Steve Lohr
The New York Times, December 4, 2018

Opportunity Atlas
The Public Health Disparities Geocoding Project Monograph
Harvard T.H Chan School of Public Health

The Science of Inequality - Special Report
Scientific American, October 16, 2018

"Hidden Algorithms Could Already Be Helping Compute Your Fate"
Ramin Skibba
Fast Company, October 12, 2018

Connecting Digital and Physical Segregation: Do Online Activity and Social Networks Mirror Residential Patterns?
Joan Wang, Graham MacDonald, Solomon Greene
Urban Institute, February 2018

Robert Wood Johnson Foundation Culture of Health Blog
Compounded Disparities: Health Equity at the Intersection of Disability, Race, and Ethnicity
Silvia Yee, Mary Lou Breslin, Tawara D. Goode, Susan M. Havercamp, Willi Horner-Johnson, Lisa I. Iezzoni, Gloria Krahn
National Academy of Medicine, June 2016

Health Inequities, Social Determinants, and Intersectionality
Nancy López and Vivian L. Gadsden
National Academy of Medicine, December 2016
"Racial and Ethnic Disparities in Research Studies: The Challenge of Creating More Diverse Cohorts"
Lindsey Konkel
Environmental Health Perspectives, December 2015

"What Are Health Disparities and Health Equity? We Need to Be Clear"
Paula Braveman
Public Health Reports, Jan-Feb 2014

Closing the Digital Divide: Latinos and Technology Adoption
Mark Hugo Lopez, Ana Fernandez-Barrera, and Eileen Patten
Pew Research Center, March 2013

Research, Technology, and Community Engagement to Address Disparities

Will Technology Transform Education for the Better?
Sophie Shank
Abdul Latif Jameel Poverty Action Lab, 2019

"Role of Health Information Technology in Addressing Health Disparities: Patient, Clinician, and System Perspectives"
Xinzhi Zhang, Benyam Hailu, Derrick C. Tabor, Rachel Gold, Michael H. Sayre, Ida Sim, BedaJean-Francois, Cheryl A. Casnoff, Theresa Cullen, Vincent A. Thomas, Jr, Ligia Artilles, Kesi Williams, Phuong-Tu Le, Courtney F. Aklin, and Regina James
Medical Care, June 2019

New Perspectives to Advance Minority Health and Health Disparities Research
American Journal on Public Health, January 2019

Enabling Opportunities: 5G, the Internet of Things, and Communities of Color
Nicol Turner Lee
Brookings, January 9, 2019

National Institute on Minority Health and Health Disparities Research Framework

Reimagining the Role of Technology in Education

"Missed Opportunity? Leveraging Mobile Technology to Reduce Racial Health Disparities"
Rashawn Ray, Abigail A. Sewell, Keon L. Gilbert, and Jennifer D. Roberts
Journal of Health Politics, Policy, and Law, October 1, 2017

"The Ugly Truth About Ourselves and Our Robot Creations: The Problem of Bias and Social Inequity"
Ayanna Howard and Jason Borenstein
Science and Engineering Ethics, September 2017

5G, Smart Cities, and Communities of Color
Yosef Getachew, Alejandra Montaya-Boyer, and Spencer Overton
Joint Center for Political and Economic Studies, June 2017

"Big Data Science: Opportunities and Challenges to Address Minority Health and Health Disparities in the 21st Century"
Xinzhi Zhang, Eliseo J. Pérez-Stable, Philip E. Bourne, Emmanuel Peprah, O. Kenrik Duru, Nancy Breen, David Berrigan, Fred Wood, James S. Jackson, David W.S. Wong, and Joshua Denny
Ethnicity and Disease, April 2017

"Using Community Based Participatory Research and Human Centered Design to Address Violence-Related Health Disparities among Latino/a Youth"
Maryam Kia-Keating, Diana Capous, Sabrina Liu, and Jessica Adams
Family and Community Health, 2017

Advancing STEM Diversity
Alfred P. Sloan Foundation, October 2016

"Integrating Social Equity into Urban Transportation Planning: A Critical Evaluation of Equity Objectives and Measures in Transportation Plans in North America"
Kevin Manaugh, Madhav G. Badami, and Ahmed M. El-Geneidy
Transport Policy, 2015

Leveraging Anchor Institutions for Economic Inclusion
Chris Schildt and Victor Rubin
Sustainable Communities Learning Network, 2015
Broadband Technology Opportunities Program Evaluation Study
National Telecommunications and Information Administration, September 2014

Diversity, Equity, and the Future of Work

"Gender and Race Intersectional Effects in the U.S. Engineering Workforce: Who Stays? Who Leaves?"
Yu Tao and Connie McNeely
International Journal of Gender, Science, and Technology, 2019

"Race and Underemployment in the US Labor Market"
Ryan Nunn, Jana Parsons, and Jay Shambaugh
Brookings, August 1, 2019

The Future of Women at Work: Transitions in the Age of Automation
Anu Madgavkar, James Manyika, Mekala Krishnan, Kweilin Ellingrud, Lareina Yee, Jonathan Woetzel, Michael Chui, Vivian Hunt, and Sruti Balakrishnan
McKinsey Global Institute, June 2019

Racial Differences on the Future of Work: A Survey of the American Workforce
Ismail White and Harin Contractor
Joint Center for Political and Economic Studies, July 2019

"Why America Needs Its HBCUs"
Adam Harris
The Atlantic, May 16, 2019

Understanding Emerging Technologies, Racial Equity, and the Future of Work
Laurel Smith-Doerr, Shlomo Zilberstein, Tiambi Wilkerson, Shannon Roberts, HenryRenski, Venus Green, and Enobong H. Branch
National Science Foundation Workshop Report, May 2019

Achieving the Promise of a Diverse STEM Workforce
Testimony of Barbara Whye, Chief Diversity and Inclusion Officer and Vice President of HR, Intel Corporation Before the U.S. House of Representatives Committee on Science, Space, and Technology, May 9, 2019

Automation and Artificial Intelligence: How machines are affecting people and places
Mark Muro, Robert Maxim, and Jacob Whiton
Brookings Metropolitan Policy Program, January 2019

"Moving the Needle, Raising Consciousness: The Science and Practice of Broadening Participation"
Connie L. McNeely and Kaye Husbands Fealing
American Behavioral Scientist, 2018

Google Diversity Annual Report 2018