

Implementation science and equity: A path

ANA A. BAUMANN, PHD

ASSISTANT RESEARCH FACULTY

BROWN SCHOOL OF SOCIAL WORK

EMAIL: ABAUMANN@GWBMAIL.WUSTL.EDU

TWITTER: [@BAUMANNANA](https://twitter.com/BAUMANNANA)

Acknowledgements

Funding: P50 CA-19-006; 3U01HL13399403S1;
UL1TR00234; 5U24HL136790-02

Please engage in the conversation!

Twitter: @BaumannAna

#imspci

Equity and Implementation Science



Frameworks

Eslava-Schmalbach et al. *International Journal for Equity in Health* (2019) 18:80
https://doi.org/10.1186/s12939-019-0984-4

International Journal for
Equity in Health

RESEARCH Open Access

Conceptual framework of equity-focused implementation research for health programs (EquIR)

J. Eslava-Schmalbach^{1,2}, N. Garzón-Orjuela^{1,2*}, V. Elias³, L. Reveiz³, N. Tran⁴ and E. V. Langlois⁵

Check for updates

Rimmer et al. *Implementation Science* 2014, **9**:100
http://www.implementationscience.com/content/9/1/100

IMPLEMENTATION SCIENCE

METHODOLOGY Open Access

GRAIDs: a framework for closing the gap in the availability of health promotion programs and interventions for people with disabilities

James H Rimmer^{1*}, Kerri A Vanderbom¹, Linda G Bandini^{2,3}, Charles E Drum⁴, Karen Luken⁵, Yolanda Suarez-Balcazar⁶ and Ian D Graham⁷

Woodward et al. *Implementation Science* (2019) 14:26
https://doi.org/10.1186/s13012-019-0861-y

Implementation Science

METHODOLOGY Open Access

The health equity implementation framework: proposal and preliminary study of hepatitis C virus treatment

Eva N. Woodward^{1,2*}, Monica M. Matthieu^{1,3}, Uchenna S. Uchendu⁴, Shari Rogal^{5,6,7} and JoAnn E. Kirchner^{1,2,8}

Check for updates

Resources, Frameworks, and Perspectives

The Health Equity Framework: A Science- and Justice-Based Model for Public Health Researchers and Practitioners

Amy Peterson, PhD¹, Vignetta Charles, PhD², David Yeung, MBA², Karin Coyle, PhD³

Evaluation and Program Planning 70 (2018) 25–34

Contents lists available at ScienceDirect

Evaluation and Program Planning

journal homepage: www.elsevier.com/locate/evalprogplan

A conceptual framework for evaluating health equity promotion within community-based participatory research partnerships

Melanie Ward^{a,*}, Amy J. Schulz^b, Barbara A. Israel^c, Kristina Rice^f, Sheena E. Martenies^d, Evan Markarian^e

frontiers in Public Health

PERSPECTIVE published: 12 May 2020
doi: 10.3389/fpubh.2020.00154

An Extension of RE-AIM to Enhance Sustainability: Addressing Dynamic Context and Promoting Health Equity Over Time

Rachel C. Shelton^{*,†}, David A. Chambers^a and Russell E. Glasgow^{a,*}

Methods

AJPH PERSPECTIVES

Addressing Health Disparities Through Deliberative Methods: Citizens' Panels for Health Equity

Health disparities adversely affect millions of people living in disad...
Andrew M. Subica, PhD, and Brandon J. Brown, PhD

Journal of Clinical and
Translational Science

www.cambridge.org/cts

Implementation, Policy and
Community Engagement
Special Communication

Advancing health equity through CTSA
programs: Opportunities for interaction
between health equity, dissemination and
implementation, and translational science

Reza Yousefi Nooraie¹, Bethany M. Kwan^{2,3}, Elizabeth Cohn⁴, Mona AuYoung⁵,
Megan Clarke Roberts⁶, Prajakta Adsul^{7,8} and Rachel C. Shelton⁹



International Journal of Social Research Methodology

Routledge
Taylor & Francis Group

ISSN: 1364-5579 (Print) 1464-5300 (Online) Journal homepage: <https://www.tandfonline.com/loi/lsrm20>

Indigenous research methodology – weaving a research interface

Courtney Ryder, Tamara Mackean, Julieann Coombs, Hayley Williams, Kate Hunter, Andrew J. A. Holland & Rebecca Q. Ivers

To cite this article: Courtney Ryder, Tamara Mackean, Julieann Coombs, Hayley Williams, Kate Hunter, Andrew J. A. Holland & Rebecca Q. Ivers (2019): Indigenous research methodology – weaving a research interface, International Journal of Social Research Methodology, DOI: 10.1080/13645579.2019.1669923

To link to this article: <https://doi.org/10.1080/13645579.2019.1669923>

Methodologies to Advance
Health Equity

IMPLEMENTATION RESEARCH METHODOLOGIES FOR ACHIEVING SCIENTIFIC EQUITY AND HEALTH EQUITY

Moira McNulty, MD, MSc^{1,2}; J.D. Smith, PhD^{3,4}; Juan Villamar, MSEd^{3,4};
Inger Burnett-Zeigler, PhD³; Wouter Vermeer, PhD^{3,4};
Nanette Benbow, MAS^{3,4}; Carlos Gallo, PhD^{3,4}; Uri Wilensky, PhD^{4,5};
Arthur Hjorth, PhD^{4,5}; Brian Mustanski, PhD^{3,4};
John Schneider, MD, MPH^{1,2}; C. Hendricks Brown, PhD^{3,4}

Covid-19, implementation science and equity


Jacobson et al. *International Journal for Equity in Health* (2020) 19:170
<https://doi.org/10.1186/s12939-020-01293-2>

International Journal for
Equity in Health

COMMENTARY **Open Access**

Using implementation science to mitigate worsening health inequities in the United States during the COVID-19 pandemic

Tyler A. Jacobson^{1†}, Lauren E. Smith^{1†}, Lisa R. Hirschhorn² and Mark D. Huffman^{1,3*}



Structurally vulnerable neighbourhood environments and racial/ethnic COVID-19 inequities

Rachel L. Berkowitz , Xing Gao , Eli K. Michaels & Mahasin S. Mujahid

To cite this article: Rachel L. Berkowitz , Xing Gao , Eli K. Michaels & Mahasin S. Mujahid (2020): Structurally vulnerable neighbourhood environments and racial/ethnic COVID-19 inequities, *Cities & Health*, DOI: [10.1080/23748834.2020.1792069](https://doi.org/10.1080/23748834.2020.1792069)

To link to this article: <https://doi.org/10.1080/23748834.2020.1792069>

COVID-19 and the other pandemic: populations made vulnerable by systemic inequity

Darrell M. Gray II^{1,2}, Adjoa Anyane-Yeboah³, Sophie Balzora⁴, Rachel B. Issaka^{5,6} and Folasade P. May^{7,8}

PULMONARY PERSPECTIVE

The Structural and Social Determinants of the Racial/Ethnic Disparities in the U.S. COVID-19 Pandemic
What's Our Role?

Neeta Thakur¹, Stephanie Lovinsky-Desir², Christian Bime³, Juan P. Wisnivesky⁴, and Juan C. Celedón^{5,6}; on behalf of the Health Equality and Diversity Committee of the American Thoracic Society

¹Department of Medicine, University of California at San Francisco, San Francisco, California; ²Department of Pediatrics, Columbia University, New York, New York; ³Department of Medicine, University of Arizona, Tucson, Arizona; ⁴Department of Medicine, The Icahn School of Medicine at Mount Sinai, New York, New York; and ⁵Department of Pediatrics and ⁶Department of Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania

ORCID IDs: 0000-0001-6126-6601 (N.T.); 0000-0003-2272-4387 (S.L.-D.); 0000-0003-4787-2685 (C.B.); 0000-0002-6139-5320 (J.C.C.).

Implementation science and healthcare equity: A path

Baumann and Cabassa *BMC Health Services Research* (2020) 20:190
<https://doi.org/10.1186/s12913-020-4975-3>

BMC Health Services Research

DEBATE

Open Access

Reframing implementation science to address inequities in healthcare delivery



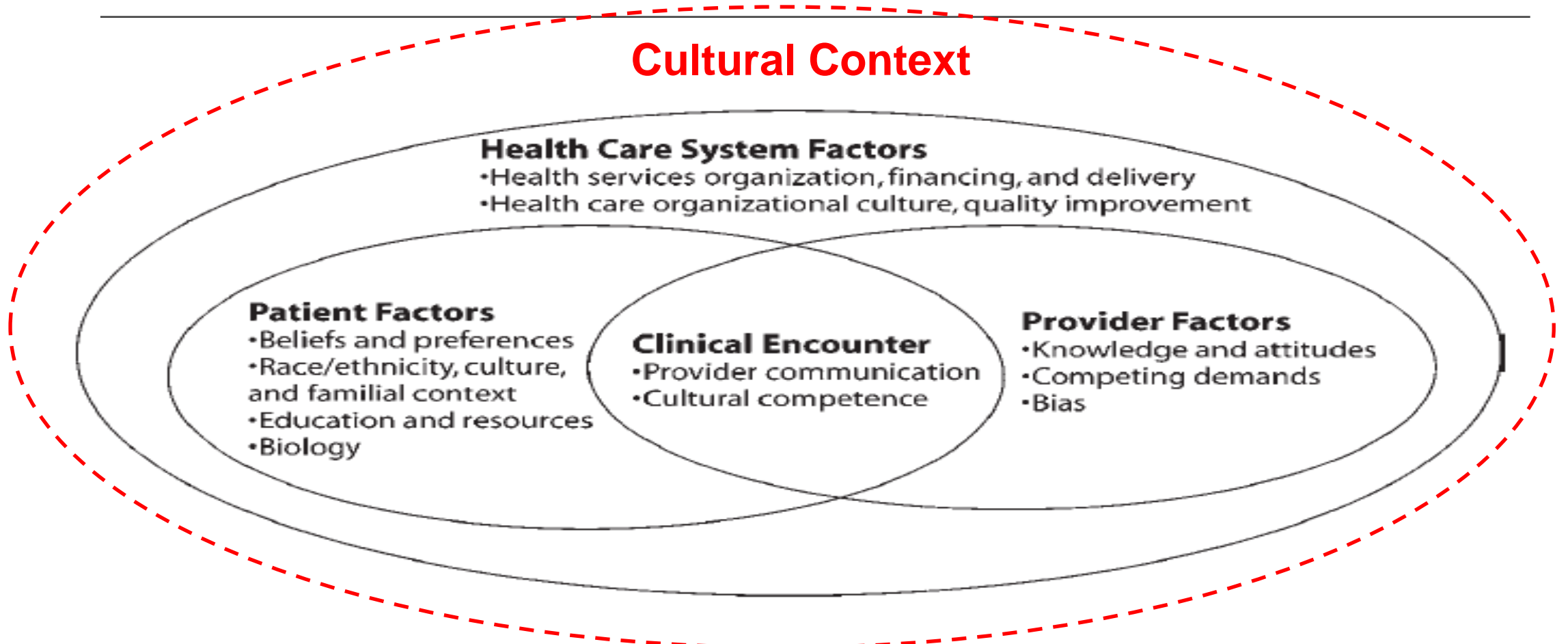
Ana A. Baumann[†] and Leopoldo J. Cabassa^{*†} 

Key Point

Infusing implementation science with an equity approach can produce valuable knowledge to help reduce inequities in healthcare delivery

Determinants of Healthcare Inequities

Cultural Context



Kilbourne, A. M., Switzer, G., Hyman, K., Crowley-Matoka, M., & Fine, M. J. (2006). Advancing health disparities research within the health care system: a conceptual framework. *American journal of public health*, 96(12), 2113-2121.

Be careful with the silent assumptions

CULTURAL ADAPTATION FIELD: “All that is needed is to culturally adapt interventions”

HEALTHCARE DISPARITIES FIELD: “Focus on testing the efficacy and effectiveness of interventions in minority communities”

IMPLEMENTATION SCIENCE FIELD: “One size fits all: Just scale up interventions, it will improve the quality of care for everyone”



Implementation Science and Healthcare Disparities Research

Improve the quality and outcomes of services

Make treatments generalizable

Emphasize contextual factors and multi-level approaches





Source: <http://www.timrook.nl/wp-content/uploads/2015/07/bridging-the-gap.jpg>

Reframing Implementation Science to Address Healthcare Inequities

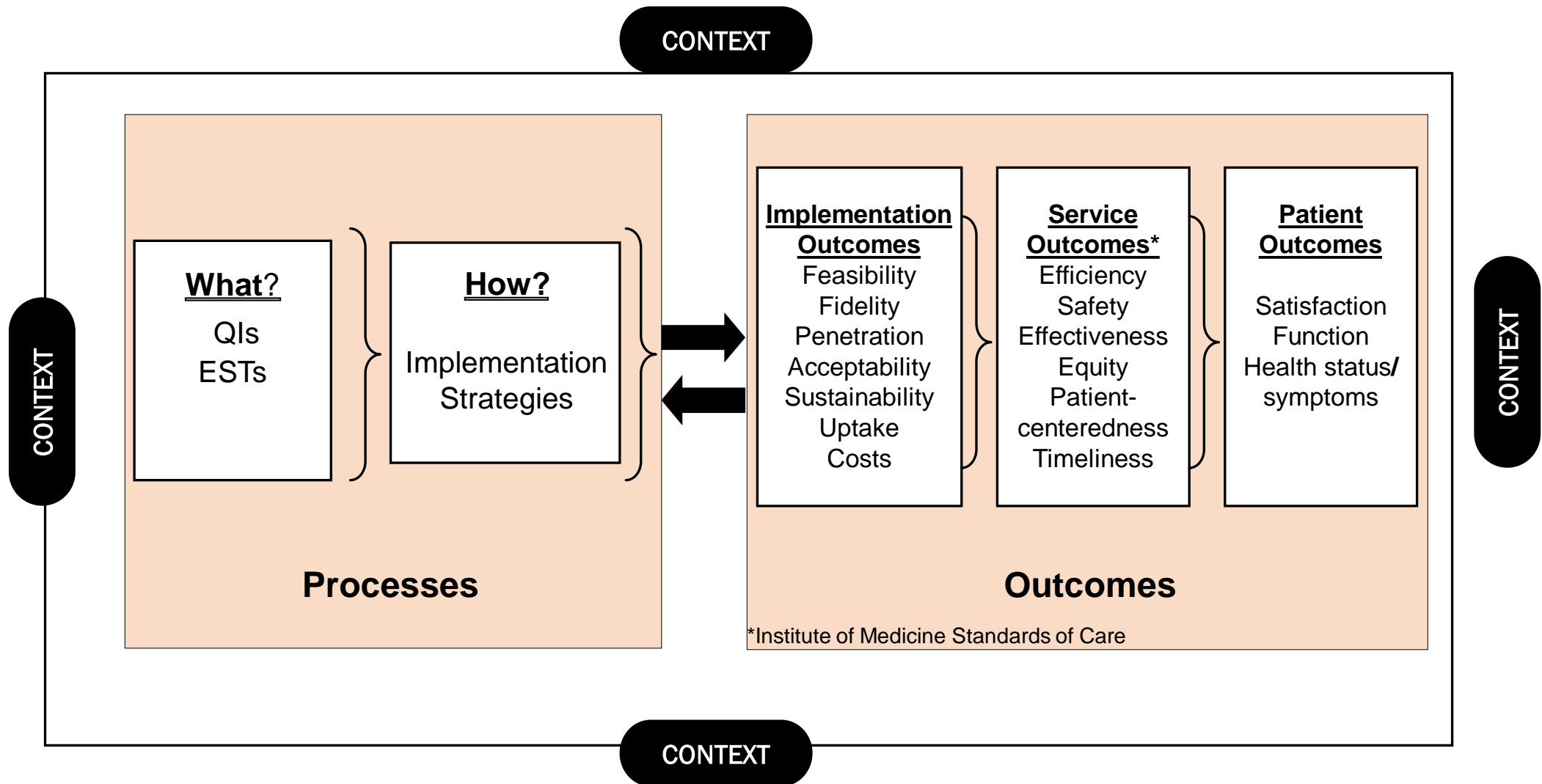


Equality



Equity





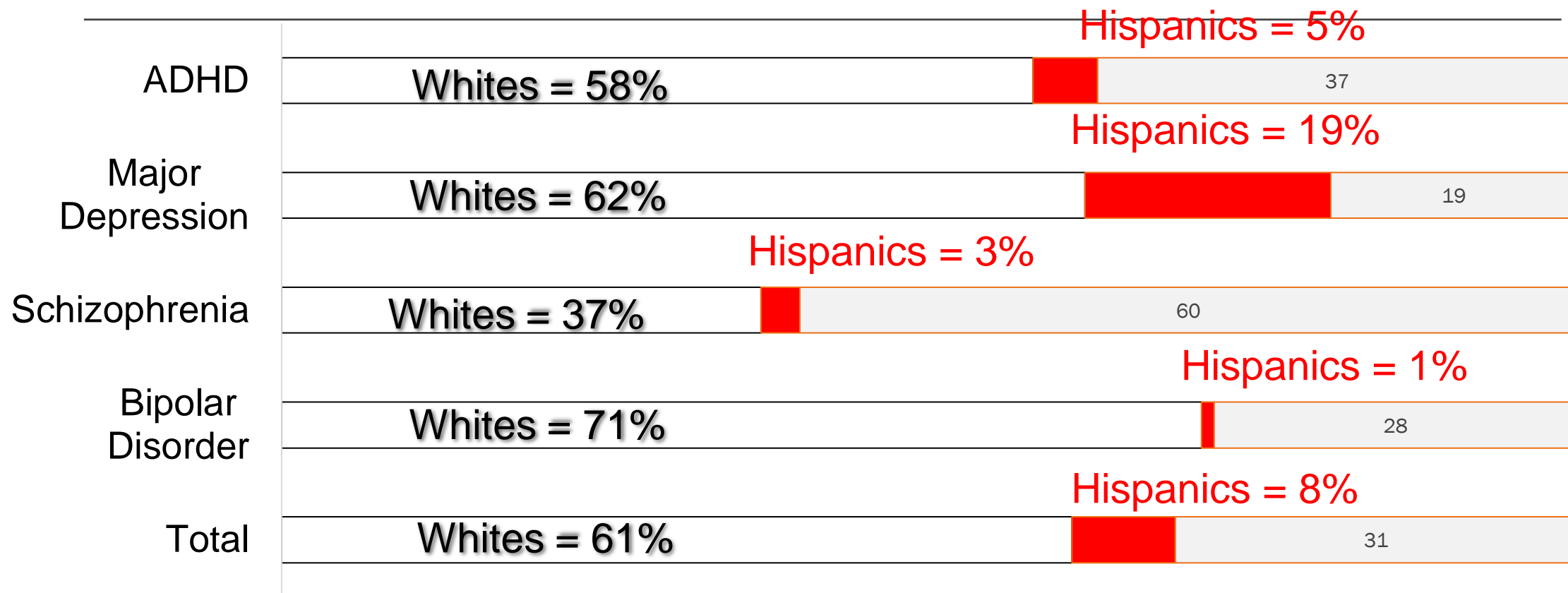
Proctor, E. K., Landsverk, J., Aarons, G., Chambers, D., Glisson, C., & Mittman, B. (2009). Implementation research in mental health services: an emerging science with conceptual, methodological, and training challenges. *Administration and Policy in Mental Health and Mental Health Services Research*, 36(1), 24-34.

- 1. Focus on reach from the very beginning**
- 2. Design and select interventions with implementation in mind**
- 3. Implement what works**
- 4. Develop the science of adaptations**
- 5. Use an equity lens for implementation outcomes**



Focus on reach from the very beginning

Underrepresentation of Hispanics in Clinical Trials for Common Mental Disorders (2001-2010)



Santiago, C. D., & Miranda, J. (2014). Progress in improving mental health services for racial-ethnic minority groups: A ten-year perspective. *Psychiatric Services*, 65(2), 180-185.

Underrepresentation matters

Contents lists available at ScienceDirect

Gynecologic Oncology

journal homepage: www.elsevier.com/locate/ygyno

Minority participation in phase 1 gynecologic oncology clinical trials: Three decades of inequity

Eli Awad^a, Rajesh Paladugu^a, Nathaniel Jones^a, Jennifer Young Pierce^a, Jennifer Scalici^a, Chad A. Hamilton^b, Kathleen M. Darcy^b, G. Larry Maxwell^b, Rodney P. Rocconi^{a,*}

^a Mitchell Cancer Institute, University of South Alabama, Mobile, AL 36604, USA
^b Uniformed Services University of the Health Sciences, Bethesda, MD, USA

JAMA Network | **Open**

Original Investigation | Health Policy

Trends in Clinical Research Including Asian American, Native Hawaiian, and Pacific Islander Participants Funded by the US National Institutes of Health, 1992 to 2018

Lan N. Doan, MPH; Yumie Takata, PhD; Kari-Lyn K. Sakuma, PhD, MPH; Veronica L. Irvin, PhD, MPH

Received: 9 February 2020 | Revised: 2 April 2020 | Accepted: 7 April 2020
DOI: 10.1111/bcp.14539

EDITORIAL-THEMED SECTION

Underrepresentation of the elderly in clinical trials, time for action

BJCP BRITISH JOURNAL OF CLINICAL PHARMACOLOGY

Perspective
AUGUST 27, 2020

Racial Disproportionality in Covid Clinical Trials

Daniel B. Chastain, Pharm.D., Sharmon P. Osae, Pharm.D., Andrés F. Henao-Martínez, M.D., Carlos Franco-Paredes, M.D., M.P.H., Joanna S. Chastain, Pharm.D., and Henry N. Young, Ph.D.

Contemporary Clinical Trials Communications 19 (2020) 100630

Contents lists available at ScienceDirect

Contemporary Clinical Trials Communications

journal homepage: <http://www.elsevier.com/locate/conctc>

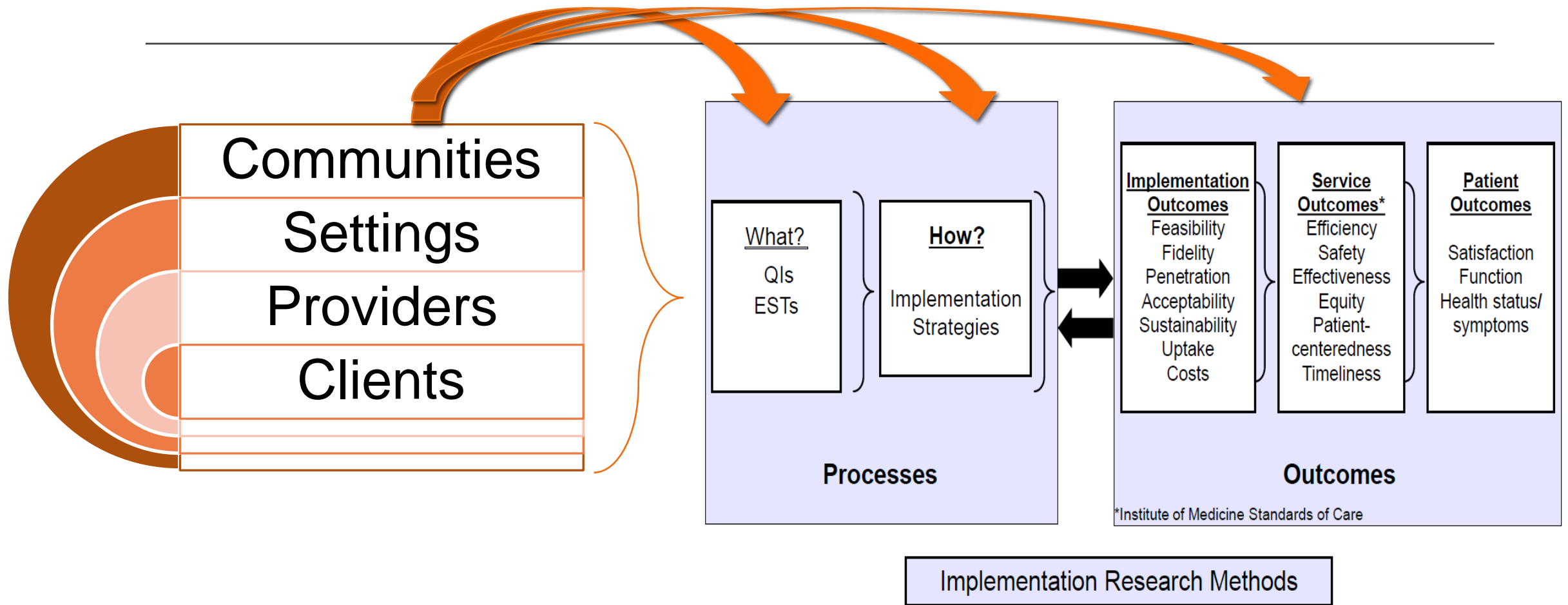
COVID-19 disparities: An urgent call for race reporting and representation in clinical research

Hala T. Borno^{a,*}, Sylvia Zhang^a, Scarlett Gomez^b

^a Department of Medicine, Division of Hematology/Oncology, University of California San Francisco, San Francisco, CA, USA

^b Department of Epidemiology and Biostatistics, University of California San Francisco, San Francisco, CA, USA

Focus On Reach From The Beginning



Attention to Reach

- **Who recruits:** Use of peer specialists to deliver intervention. They bring trust, credibility, hope, and feasibility
- **Where you recruit:** issues of trust, safety, access
- **How you recruit:** word of mouth, using technology

Cabassa et al. *Trials* (2015) 16:388
DOI 10.1186/s13063-015-0902-z

 TRIALS

STUDY PROTOCOL **Open Access**

 CrossMark

Peer-led healthy lifestyle program in supportive housing: study protocol for a randomized controlled trial

Leopoldo J. Cabassa^{1*}, Ana Stefancic¹, Kathleen O'Hara¹, Nabila El-Bassel¹, Roberto Lewis-Fernández², José A. Luchsingier³, Lauren Gates¹, Richard Younge⁴, Melanie Wall², Lara Weinstein⁵ and Lawrence A. Palinkas⁶

Contemporary Clinical Trials 45 (2015) 34–40

Contents lists available at ScienceDirect

 ELSEVIER

Contemporary Clinical Trials

journal homepage: www.elsevier.com/locate/conclintrial

Review

Recruitment and retention strategies in clinical studies with low-income and minority populations: Progress from 2004–2014

 CrossMark

Lisa M. Nicholson^{a,*}, Patricia M. Schwirian^b, Judith A. Groner^c

Journal of Psychiatric Research 120 (2020) 1–13

Contents lists available at ScienceDirect

 ELSEVIER

Journal of Psychiatric Research

journal homepage: www.elsevier.com/locate/jpsychires

Using behaviour change theory to inform an innovative digital recruitment strategy in a mental health research setting[☆]

Michael Musker^{a,b,c,*}, Camille Short^{a,c,d}, Julio Licinio^{a,b,e}, Ma-Li Wong^{a,b,e}, Niranjana Bidargaddi^{a,b}

Journal of Psychiatric Research 120 (2020) 1–13

Contents lists available at ScienceDirect

 ELSEVIER

Journal of Psychiatric Research

journal homepage: www.elsevier.com/locate/jpsychires

Using behaviour change theory to inform an innovative digital recruitment strategy in a mental health research setting[☆]

Michael Musker^{a,b,c,*}, Camille Short^{a,c,d}, Julio Licinio^{a,b,e}, Ma-Li Wong^{a,b,e}, Niranjana Bidargaddi^{a,b}

 Check for updates

**Design and select interventions with
implementation in mind**

WHAT?

**QIs
ESTs**

**Design and Select Interventions with
Implementation in Mind**

Partner with stakeholders
from the very beginning

Focus on end-users at all
levels

Consider the ecology of practice

Design and select interventions with implementation in mind

- conduct the intervention development process *with, for, and in* the community
- **User-center design:** grounding the development of the intervention in the ultimate individuals and settings that will use the intervention
 - **Attention to:**
 - Flexibility and complexity
 - Cost
 - Feasibility

CLINICAL PSYCHOLOGY
SCIENCE AND PRACTICE

User-Centered Design for Psychosocial Intervention
Development and Implementation

Aaron R. Lyon, University of Washington
Kelly Koerner, Evidence-Based Practice Institute, LLC

Open access Protocol

BMJ Open Optimising patient active role with a user-centred eHealth platform (CONCERTO+) in chronic diseases management: a study protocol for a pilot cluster randomised controlled trial

Marie-Pierre Gagnon,^{1,2} Mame Awa Ndiaye,¹ Alain Larouche,³ Guylaine Chabot,³ Christian Chabot,⁴ Ronald Buyl,⁵ Jean-Paul Fortin,^{1,6} Anik Giguère,^{1,6} Annie Leblanc,^{1,6} France Légaré,^{1,6} Aude Motulsky,⁷ Claude Sicotte,⁷ Holly O Witterman,⁸ Eric Kavanagh,⁸ Frédérick Lépinay,⁸ Jacynthe Roberge,⁸ Carole Delétroz,⁹ Samira Abbasgholizadeh-Rahimi¹⁰

Cabassa et al. Implementation Science 2014, 9:178
<http://www.implementationscience.com/content/9/1/178>

IMPLEMENTATION SCIENCE

RESEARCH Open Access

Using the collaborative intervention planning framework to adapt a health-care manager intervention to a new population and provider group to improve the health of people with serious mental illness

Leopoldo J Cabassa^{1,2*}, Arminda P Gomes¹, Quisqueya Meyreles², Lucia Capitelli², Richard Younge³, Dianna Dragatsi², Juana Alvarez², Yamira Manrique¹ and Roberto Lewis-Fernández^{2,3}

RESEARCH ARTICLE

Community-based participatory design of a community health worker breast cancer training intervention for South Florida Latinx farmworkers

Natalia M. Rodriguez^{1*}, Felicia Casanova^{2,3}, Gabriela Pages³, Layla Claire³, Marian Pedreira³, Michael Touchton³, Felicia Knaut³

¹ Department of Public Health, College of Health and Human Sciences, Purdue University, West Lafayette, Indiana, United States of America, ² Department of Sociology, College of Arts and Sciences, University of Miami, Miami, Florida, United States of America, ³ Institute for Advanced Study of the Americas, University of Miami, Miami, Florida, United States of America

Disability & Society

ISSN: 0968-7599 (Print) 1360-0508 (Online) Journal homepage: <https://www.tandfonline.com/loi/cdso20>

'Whose agenda? Who knows best? Whose voice?' Co-creating a technology research roadmap with autism stakeholders

Sarah Parsons, Nicola Yuill, Judith Good & Mark Brosnan

Implement what works and develop strategies to help reduce inequities in care

Implement what works

We have interventions
that decrease disparities

BUT

**They are not being
implemented in usual
care**

Current Psychiatry Reports (2019) 21: 35
<https://doi.org/10.1007/s11920-019-1017-0>

PUBLIC POLICY AND PUBLIC HEALTH (G NORQUIST, SECTION EDITOR)



Community Interventions to Promote Mental Health and Social Equity

Enrico G. Castillo^{1,2,3} · Roya Ijadi-Maghsoodi^{1,4,5} · Sonya Shadravan¹ · Elizabeth Moore¹ · Michael O. Mensah III¹ · Mary Docherty⁶ · Maria Gabriela Aguilera Nunez¹ · Nicolás Barcelo¹ · Nichole Goodsmith¹ · Laura E. Halpin¹ · Isabella Morton¹ · Joseph Mango^{1,7} · Alanna E. Montero^{1,7} · Sara Rahmanian Koushkaki^{1,7} · Elizabeth Bromley^{1,7,8,9,10} · Bowen Chung^{1,7,9,11,12} · Felicia Jones^{1,2} · Sonya Gabrielian^{1,5} · Lillian Gelberg^{10,13,14} · Jared M. Greenberg^{1,5} · Ippolytos Kalofonos^{1,2,15} · Sheryl H. Kataoka^{1,7,16} · Jeanne Miranda^{1,7,14} · Harold A. Pincus^{9,17} · Bonnie T. Zima^{1,7,16} · Kenneth B. Wells^{1,7,9,14}

ORIGINAL PAPER

WILEY

A community-wide quality improvement initiative to improve hypertension control and reduce disparities

Robert J. Fortuna MD, MPH¹ | Thomas A. Rocco MD² | Jeffrey Freeman MBA³ |
Mathew Devine DO⁴ | John Bisognano MD, PhD⁵ | Geoffrey C. Williams MD, PhD² |
Angela Nagel PharmD⁶ | Howard Beckman MD³

Primary Health Care Research & Development 2018; 19: 518–522
doi:10.1017/S1463423618000075

SHORT REPORT

A risk-based intervention approach to eliminate diabetes health disparities

Neil S. Calman¹, Diane Hauser¹, Lilli Schussler¹ and Casey Crump^{1,2}

¹Department of Family Medicine and Community Health, Icahn School of Medicine at Mount Sinai, New York, NY, USA

²Department of Population Health Science and Policy, Icahn School of Medicine at Mount Sinai, New York, NY, USA



Annual Review of Public Health
**The Next Generation of
Diabetes Translation:
A Path to Health Equity**

Debra Haire-Joshu¹ and Felicia Hill-Briggs²

Implement What Works: The Role of Implementation Strategies

HOW?

**Implementation
Strategies**

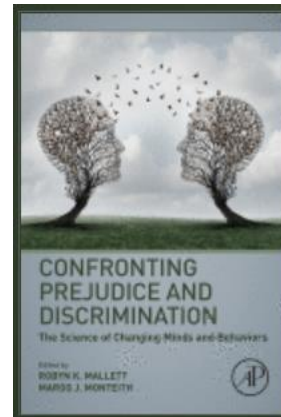


Increase trust, partnerships
and ownership

Build capacity, resources
collaborative networks

Advocacy, Allyship, Cultural
Humility

Which strategies could help promote equitable healthcare delivery?



The current issue and full text archive of this journal is available on Emerald Insight at:
<https://www.emerald.com/insight/2040-7149.htm>

Anti-racist actions and accountability: not more empty promises

C. Malik Boykin

Anti-racist actions

Rehabilitation Psychology. 64(2):119-129, MAY 2019

DOI: 10.1037/rep0000256, PMID: 30489124

Issn Print: 0090-5550

Publication Date: May 2019



Disability Identity and Allyship in Rehabilitation Psychology: Sit, Stand, Sign, and Show Up

Anjali Forber-Pratt;Carlyn Mueller;Erin Andrews;

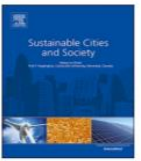
Sustainable Cities and Society 47 (2019) 101473



Contents lists available at ScienceDirect

Sustainable Cities and Society

journal homepage: www.elsevier.com/locate/scs



Creating environmental consciousness in underserved communities:
Implementation and outcomes of community-based environmental justice
and air pollution research



Harold Rickenbacker^a, Fred Brown^b, Melissa Bilec^{a,*}



© 2020 American Psychological Association
ISSN: 1541-1559



Psychological Services

2020, Vol. 17, No. S1, 5-11
<http://dx.doi.org/10.1037/ser0000388>

Ecological Framework for Social Justice Advocacy by Behavioral Health Professionals in Public Healthcare

Alison M. Pickover
Columbia University Irving Medical Center and New York State
Psychiatric Institute, New York, New York

Lucy J. Allbaugh
University of Dayton

Shufang Sun
Brown University

Michelle T. Casimir, Chanda C. Graves,
Keith A. Wood, Rachel Ammirati, Jordan E. Cattie,
Dorian A. Lamis, and Nadine J. Kaslow
Emory University School of Medicine

Develop the science of adaptation

Adaptation

Can we all agree that adaptation happens?

AND

Adaptation is important if we are to address disparities

**Because of the unique sociocultural context;
Threat to social validity**

DEBATE


Open Access

A two-way street: bridging implementation science and cultural adaptations of mental health treatments

Leopoldo J Cabassa^{1,2*} and Ana A Baumann³

CLINICAL PSYCHOLOGY SCIENCE AND PRACTICE

Empirical Examinations of Modifications and Adaptations to Evidence-Based Psychotherapies: Methodologies, Impact, and Future Directions

Shannon Wiltsey Stirman , National Center for PTSD, Stanford University
Jennifer M. Gamarra, University of California
Brooke A. Bartlett, University of Houston
Amber Calloway, University of Massachusetts Boston
Cassidy A. Gutner, National Center for PTSD, VA Boston Healthcare System, Boston University School of Medicine

Journal of Autism and Developmental Disorders (2019) 49:924–934
<https://doi.org/10.1007/s10803-018-3795-3>

ORIGINAL PAPER

Therapists' Adaptations to an Intervention to Reduce Challenging Behaviors in Children with Autism Spectrum Disorder in Publicly Funded Mental Health Services

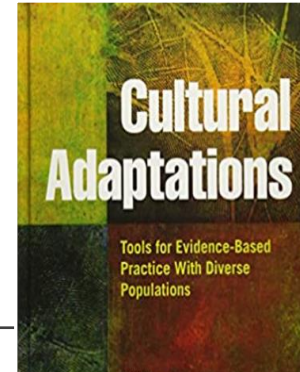
Margaret W. Dyson^{1,2} · Colby Chlebowski^{1,2} · Lauren Brookman-Frazee^{1,2}

SPECIAL ARTICLE

Adaptation of evidence-based suicide prevention strategies during and after the COVID-19 pandemic

Danuta Wasserman, Miriam Iosue, Anika Wuestefeld, Vladimir Carli
National Centre for Suicide Research and Prevention of Mental Ill-Health, Karolinska Institutet, Stockholm, Sweden

Adaptation: Decision and Process Frameworks



Received: 30 May 2019 | Revised: 23 October 2019 | Accepted: 26 October 2019
DOI: 10.1002/jcop.22279

SPECIAL ISSUE ARTICLE

Iterative Decision-making for Evaluation of Adaptations (IDEA): A decision tree for balancing adaptation, fidelity, and intervention impact

Christopher J. Miller PhD¹ | Shannon Wiltsey-Stirman PhD² | Ana A. Baumann PhD³

Kirk et al. *Implementation Science* (2020) 15:56
<https://doi.org/10.1186/s13012-020-01021-y>

DEBATE Open Access

Towards a comprehensive model for understanding adaptations' impact: the model for adaptation design and impact (MADI)

M. Alexis Kirk^{1*}, Julia E. Moore², Shannon Wiltsey Stirman³ and Sarah A. Birken⁴

A scoping study of frameworks for adapting public health evidence-based interventions

Cam Escoffery,¹ Erin Lebow-Skelley,¹ Hallie Udelson,¹ Elaine A. Böing,¹ Richard Wood,² Maria E. Fernandez,² Patricia D. Mullen²

Cabassa et al. *Implementation Science* 2014, **9**:178
<http://www.implementationscience.com/content/9/1/178>

RESEARCH Open Access

Using the collaborative intervention planning framework to adapt a health-care manager intervention to a new population and provider group to improve the health of people with serious mental illness

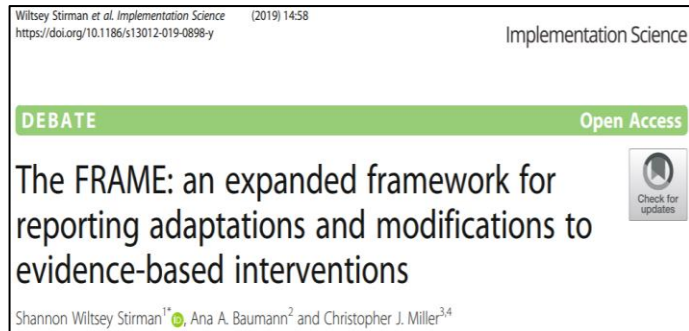
Leopoldo J. Cabassa^{1,2*}, Arminda P. Gomes¹, Quisqueya Meyreles², Lucia Capitelli², Richard Younge³, Dianna Dragatsi², Juana Alvarez², Yamira Manrique¹ and Roberto Lewis-Fernández^{2,3}

**CLINICAL PSYCHOLOGY
SCIENCE AND PRACTICE**

Parent Management Training-Oregon Model (PMTO™) in Mexico City: Integrating Cultural Adaptation Activities in an Implementation Model

Ana A. Baumann, Brown School of Social Work, Washington University in St. Louis
Melanie M. Domenech Rodríguez, Utah State University
Nancy G. Amador, Instituto Mexicano de Psiquiatría Ramón de la Fuente Muñiz
Marion S. Forgatch, Oregon Social Learning Center
J. Rubén Parra-Cardona, Michigan State University

Adaptation: Tracking Framework and Methods



Qualitative Reports of How and When Therapists Adapt Children's Evidence-Based Practices during Community Implementation

Miya L. Barnett, Lauren Brookman-Frazee, Juan Carlos Gonzalez, Chanel Zhan, Adriana Rodriguez, Nicole A. Stadnick & Anna S. Lau

Systematic, Multimethod Assessment of Adaptations Across Four Diverse Health Systems Interventions

Borsika A. Rabin^{1,2,3,4*}, Marina McCreight¹, Catherine Battaglia^{1,5}, Roman Ayele^{1,5}, Robert E. Burke^{1,5}, Paul L. Hess^{1,5}, Joseph W. Frank^{1,5} and Russell E. Glasgow^{1,3,4}

¹ Denver-Seattle Center of Innovation for Veteran-Centered and Value-Driven Care (COIN), Denver VHA Medical Center, Denver, CO, United States, ² Department of Family Medicine and Public Health, School of Medicine, University of California San Diego, La Jolla, CA, United States, ³ Adult and Child Consortium for Health Outcomes Research and Delivery Science, School of Medicine, University of Colorado, Aurora, CO, United States, ⁴ Department of Family Medicine, School of Medicine, University of Colorado, Aurora, CO, United States, ⁵ Department of Health System Management and Policy, Colorado School of Public Health, University of Colorado, Aurora, CO, United States, ⁶ Department of Medicine, School of Medicine, University of Colorado, Aurora, CO, United States



© 2019 American Psychological Association
0022-006X/19/\$12.00

Journal of Consulting and Clinical Psychology

2019, Vol. 87, No. 4, 357–369
<http://dx.doi.org/10.1037/ccp0000384>

Provider Fidelity and Modifications to Cognitive Processing Therapy in a Diverse Community Health Clinic: Associations With Clinical Change

Luana Marques
Massachusetts General Hospital, Boston, Massachusetts, and
Harvard Medical School

Sarah E. Valentine
Boston Medical Center, Boston, Massachusetts, and Boston
University School of Medicine

Debra Kaysen
University of Washington

Margaret-Anne Mackintosh
Stat Craft, LLC, Brentwood, California

Louise E. Dixon De Silva
University of California, Los Angeles

Emily M. Ahles
Massachusetts General Hospital, Boston, Massachusetts

Soo Jeong Youn and Derri L. Shtasel
Massachusetts General Hospital, Boston, Massachusetts, and
Harvard Medical School

Naomi M. Simon
New York University Langone Medical Center, New York, New
York

Science of Adaptation

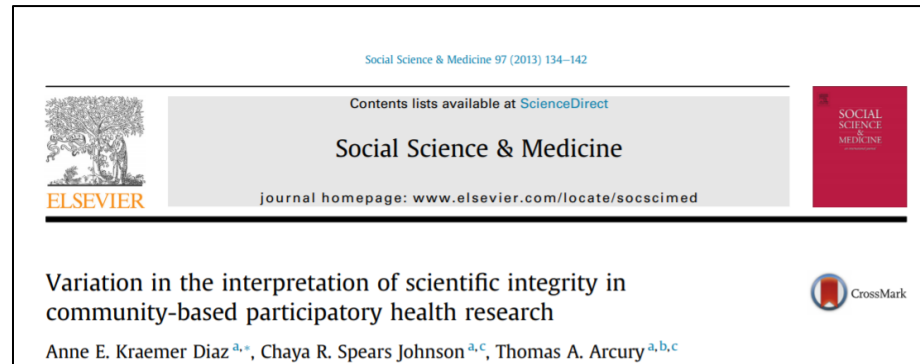
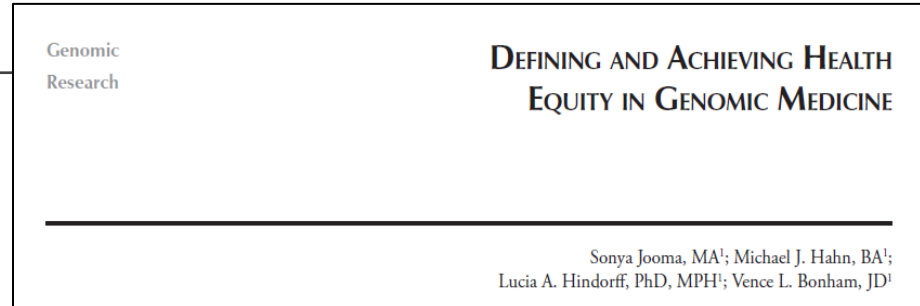
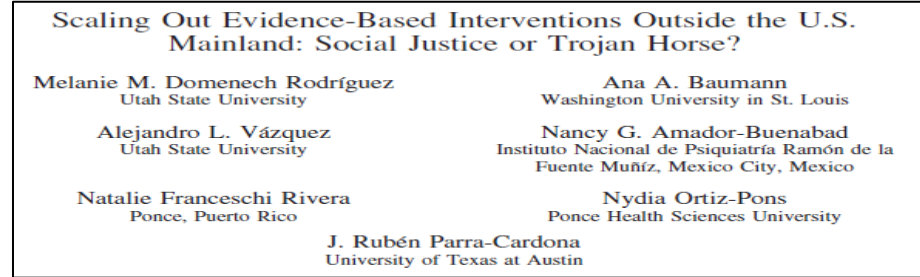
Adaptation



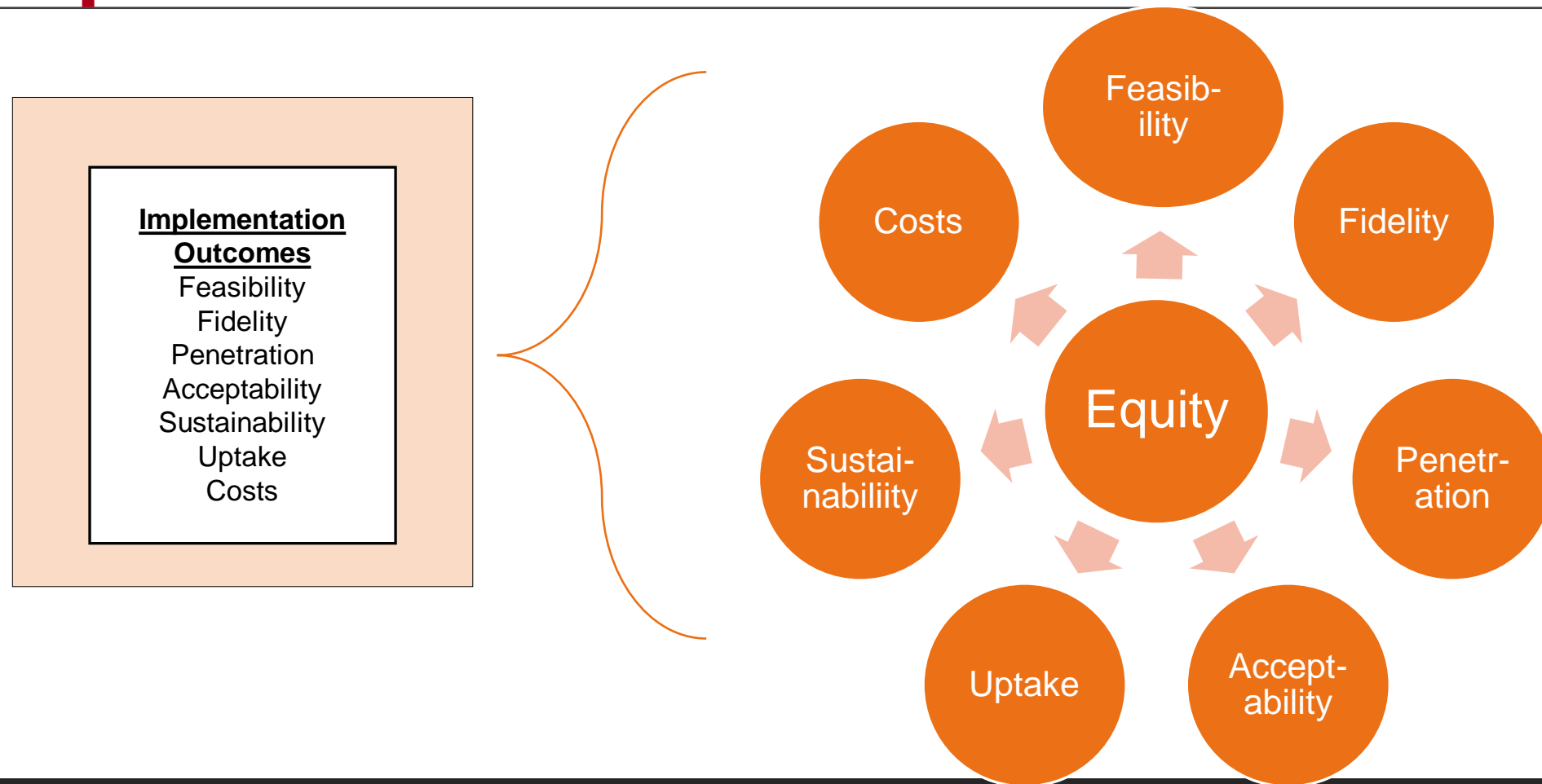
**Use an equity lens for implementation
outcomes**

Using an equity lens

The same intervention and implementation strategy has different acceptability & feasibility depending on the context




Use an Equity Lens for Implementation Outcomes



Considerations for global inequities in healthcare delivery

Challenge in finding the balance between a global response to address inequities in healthcare delivery while respecting and understanding the unique systems of care across countries.

Parenting Programs for Underserved Populations in Low- and Middle-Income Countries: Issues of Scientific Integrity and Social Justice

Ana A. Baumann¹  • Anilena Mejia² • Jamie M. Lachman^{3,4} • Ruben Parra-Cardona⁵ • Gabriela López-Zerón⁶ • Nancy G. Amador Buenabad⁷ • Eunice Vargas Contreras⁸ • Melanie M. Domenech Rodríguez⁹

Yapa and Bämighausen *Implementation Science* (2018) 13:154
<https://doi.org/10.1186/s13012-018-0847-1>

Implementation Science

COMMENTARY

Open Access

Implementation science in resource-poor countries and communities



H. Manisha Yapa^{1,2} and Till Bämighausen^{2,3,4*}

Villalobos Dintrans et al. *Global Health Research and Policy* (2019) 4:25
<https://doi.org/10.1186/s41256-019-0115-1>

Global Health
Research and Policy

RESEARCH

Open Access

A synthesis of implementation science frameworks and application to global health gaps



Pablo Villalobos Dintrans^{1,2*}  • Thomas J. Bossert¹ • Jim Sherry³ and Margaret E. Kruk¹

In summary: Future Areas of Inquiries

Achieve	Reconfigure	Expand	Invest in
Achieve inclusion and representation	Reconfigure the intervention development and refinement process	Expand the science of adaptation Place equity at the center of implementation studies	Invest in implementation trials that focus on enhancing equity in healthcare delivery

Thank You!
Ana A. Baumann, PhD
Washington University in St. Louis
abaumann@gwbmail.wustl.edu
Twitter: @BaumannAna

Antiracism Implementation (name TBD) Group

CONSORTIUM FOR IMPLEMENTATION SCIENCE FORUM: HARNESSING
IMPLEMENTATION SCIENCE TO PROMOTE HEALTH EQUITY

NOVEMBER 19, 2020

Quick Agenda:

General overview of:

- The history of the group
- Data
- Our next steps and how you can get involved

History of the Group

It all started with an open classroom, and a tweet

Implementation science is an inherently community-based and action-oriented field.

We must reflect, respect, and serve the communities within which evidence-based interventions are designed and delivered.

We believe that it is our job to not just account for, but to actually intervene and correct structural inequity and injustice through implementation research and practice.

Today we explicitly selected some examples from our Black peer scientists to highlight in our slides. This is not enough. We recognize that we need to do more. We need to listen more. The problems are deeply rooted and complex.

We hope that, as a field, we are able to have these difficult conversations and act faster to address issues of racism and discrimination.

Ana Baumann & Rebecca Lengnick-Hall 6-4-20



<https://youtu.be/C2LbySYn7O8>

Our history:

We are a group that initially convened in Spring of 2020, in light of the striking racial inequities in COVID-19 experienced by Black Americans and the racial injustices, violence, and police brutality amplified through the deaths of Breonna Taylor, Arnaud Arbery, and George Floyd, and has grown with the collective wisdom and input of over several implementation scientists.

Data Collection Efforts to Date

5 meetings, including 2 meetings with Black stakeholders only

4 surveys, with two ongoing surveys

All the data and documentation is available here:

<https://docs.google.com/document/d/1j1U14O0161pLflvDKIFdb9ipiGFVhRfSqeBLdfLN9lw/edit?usp=sharing>

	Action Items	%	Count
evidence-based models for truly and meaningfully integrating community into the design and implementation of community-level interventions		28.57%	26
examine and develop recommendations on how implementation frameworks could explicitly incorporate/evaluate racism and discrimination		19.78%	18
identifying anti-racist evidence-based practices and policies and support the dissemination/communication of these to policymakers		14.29%	13
develop anti-racism best practices for IS professional organizations (e.g., hiring practices; creating cultures of inclusion)		12.09%	11
make equity and anti-racism lens in our peer review /grants		7.69%	7
create a list of intersectional articles between implementation science and social justice		6.59%	6
examine Editorial Boards of journals that publish implementation science studies and provide recommendations for including Black peers as part of the boards		4.40%	4
create a code of ethic for the field		4.40%	4
examination of defunding of Police departments		2.20%	2
	Total	100%	91

The group continues to grow

And we continue to learn.

We conceptualize this group – and our materials, including examining our values, Mission Statement and activities - as iterative, reflexive, reflective and a living space. That is, not only we will think together, but we will act together, empowered by collective action.

Today's Organizational Team



Sarabeth Broder-Fingert, MD,
Associate Professor of Pediatrics
Boston University School of Medicine



Cory Bradley
Postdoc Research Associate
Washington University in St. Louis



Rachel Shelton, ScD, MPH
Associate Professor
Columbia University



Nadine Jackson McCleary, MD, MPH
Assistant Professor of Medicine.
Institution. Dana-Farber Cancer Institute.



Pamela Denise Long, MS, BHS, OT
Director of Organizational Development and Applied Research
Company Name Alive and Well Communities



Atia Thurman, MSW
Associate Director of the Clark-Fox Policy Institute; Manager of Brown School Initiatives
Washington University in St. Louis



Ana A. Baumann, PhD
Research Assistant Professor
Washington University in St. Louis

Mission Statement: A Draft

We believe that implementation science is justice- and action-oriented. As such, implementation science has a critical role in actively identifying opportunities and taking action to be anti-racist throughout our science, institutions and communities.

As a grassroots collective of practitioners, researchers, providers, and community members, we aim to hold ourselves accountable to the principles and practice of anti-racism. This accountability includes our work and footprint as scholars, who are actively engaged in research and practice in the field of implementation science, to ensure that we actively and collectively dismantle structural racism and its particular manifestation—anti-Black racism. We seek to bring change to our field including research enterprises and other structures of knowledge production, organizations and institutions, as well as collaborations with stakeholders thereby promoting systems-wide dissemination of justice. We are committed to vigorously advocating for the abolition of racism through the multiple capabilities our roles in the field of implementation science afford us.

ANTIRACISM IMPSCI COP

TIMELINES & RESISTANCE TRADITIONS



A community of practice (CoP) is a "group of people who share a concern, a set of problems, or a passion about a topic and who deepen their knowledge and expertise in this area by interacting on an ongoing basis."^[1] Across 4 surveys and 6 meetings, stakeholders coalesced around the need to address race-based inequities and anti-Black racism, particularly, through and in implementation science practice. Respondents identified 9 initial calls to action [organized into five themes] aimed at addressing the habits and outcomes of racist thinking/practices/systems in the implementation science field and healthcare. In human services, the desired outcome of "equity" may be well served by a community of practice working at the confluence of de/implementation science, racial socialization, antiracist scholarship, cognitive and behavioral aspects of change, and applying the power/influence of collective action.

PERCENT OF MEMBER INTEREST IN CALLS TO ACTION



[1] Wenger, E., McDermott, R., & Snyder, W. M. (2002). *Cultivating Communities of Practice*. Boston, MA: Harvard Business School Press.

Community of Practice

A “group of people who share a concern, a set of problems, or a passion about a topic and who deepen their knowledge and expertise in this area by interacting on an ongoing basis.” A community of practice has three essential components: a domain (an area of focus/purpose), a community (a place for “belonging,” personal/professional development & capacity building), and a practice (the tools for knowledge sharing/creation and the outputs of the community).

Wenger, E., McDermott, R., & Snyder, W. M. (2002). *Cultivating Communities of Practice*. Boston, MA: Harvard Business School Press

Today

Two surveys:

- Mission Statement:
https://wustl.az1.qualtrics.com/jfe/form/SV_3a7gpZlMUCWyp7f
- Community of Practice:
https://wustl.az1.qualtrics.com/jfe/form/SV_aYjxTMFaDLXTQu9

Join us!