HOW TO EMBED EQUITY PERSPECTIVE IN IMPLEMENTATION SCIENCE STUDIES – REFLECTIONS FROM A LEARNER

C-DIAS & PSMG

March 14 2023

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ACKNOWLEDGMENTS

CARDIS (cardis.info)

Please engage in the conversation!

Twitter: @BaumannAna

#imspci #equity

BEFORE WE CONTINUE, TELL ME:

- What is equity for you? (please put it in the chat)

- Why are you interested in equity?

DISCLAIMERS

- Slides have not been audited for visual disabilities.

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- This is NOT a comprehensive take on implementation or on healthcare equity literature. Consider this set of slides as a resource – will be shared.

POSITIONALITY STATEMENT

- Latina (Brazilian), duo-citizen (Brazil and U.S.), able-bodied, colonizer, cisgender, white skin woman

- **My scholarly work:**
  - Implementation science, adaptation science, healthcare equity

EQUITY AND IMPLEMENTATION SCIENCE

MAKING MY ASSUMPTIONS EXPLICIT

- I am assuming that you:
  - Are somewhat familiar with implementation science
  - Are interested in equity work
  - Are interested in research/doing research

  - Note: this talk will focus primarily in implementation science. We can have side conversations about dissemination science.

1 INEQUALITY
Unequal access to opportunities

2 EQUALITY?
Evenly distributed tools and assistance

3 EQUITY
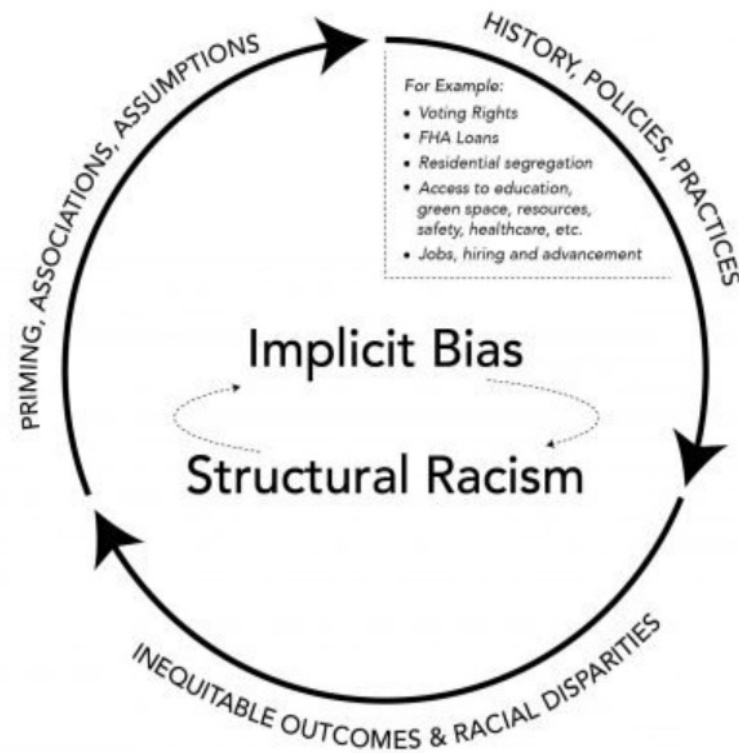Custom tools that identify and address inequality – deficit model – adjustments for individuals
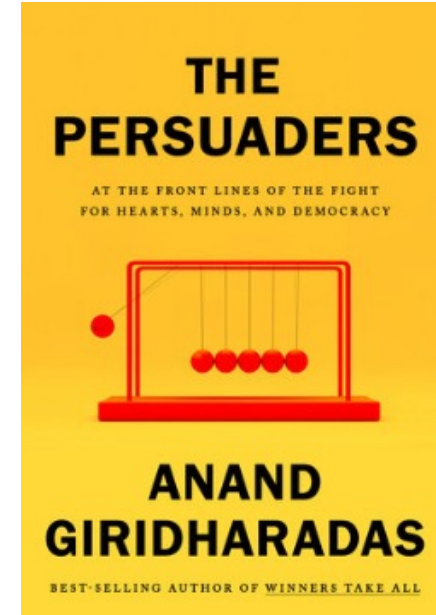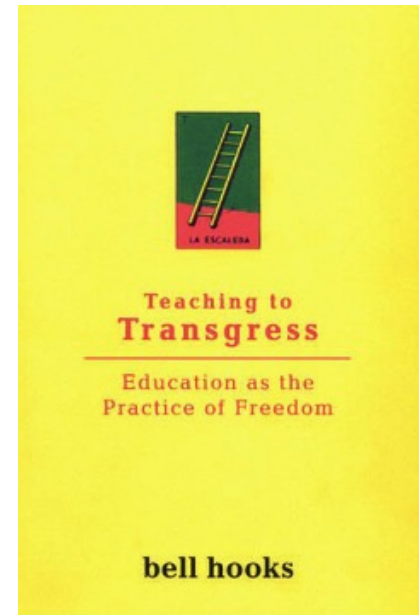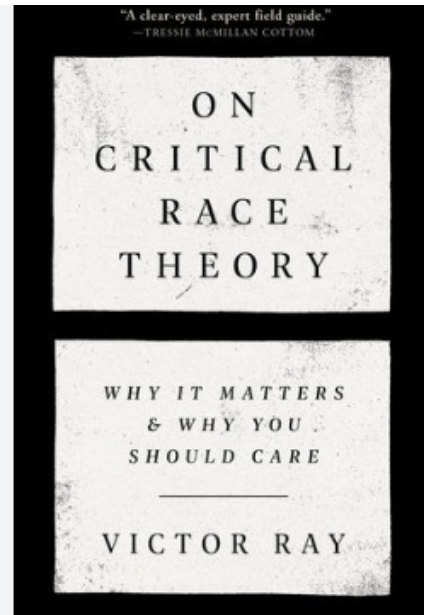
4 JUSTICE
Fixing the systems to offer equal access to both tools and opportunities

https://www.bath.ac.uk/guides/inclusive-leadership/

Twitter: @BaumannAna

History, Policies, Practices

For Example:
- Voting Rights
- FHA Loans
- Residential segregation
- Access to education, green space, resources, safety, healthcare, etc.
- Jobs, hiring and advancement

Implicit Bias

Structural Racism

Priming, Associations, Assumptions

Inequitable Outcomes & Racial Disparities

Adapted from:
https://www.nationalequityproject.org/frameworks/implicit-bias-structural-racialization

Twitter: @BaumannAna

HOLDING CHANGE

THE WAY OF EMERGENT STRATEGY
FACILITATION AND MEDIATION

by adrienne maree brown

"A clear-eyed, expert field guide."
—TRESSIE MCMILLAN COTTOM

ON
CRITICAL
RACE
THEORY

WHY IT MATTERS
& WHY YOU
SHOULD CARE

VICTOR RAY

Teaching to
Transgress

Education as the
Practice of Freedom

bell hooks

THE
PERSUADERS

AT THE FRONT LINES OF THE FIGHT
FOR HEARTS, MINDS, AND DEMOCRACY

ANAND
GIRIDHARADAS

BEST-SELLING AUTHOR OF *WINNERS TAKE ALL*

A Theory of Racialized
Organizations

American Sociological Review
2019, Vol. 84(1) 26–53
© American Sociological
Association 2019
DOI: 10.1177/0003122418822335
journals.sagepub.com/home/asr

$SAGE

Victor Ray[a]

Twitter: @BaumannAna

Operationalizing antiracism in health systems: Strategies state government administrative organizations use towards racial and ethnic mental health equity

Alexandra M. Alden

Principles to operationalize equity in cancer research and health outcomes: lessons learned from the cancer prevention and control research network

Perla Chebli[1] · Prajakta Adsul[2,3] · Julie Kranick[1] · Catherine L. Rohweder[4] · Betsy C. Risendal[5] · Emily Bilenduke[6] · Rebecca Williams[4] · Stephanie Wheeler[4] · Simona C. Kwon[1] · Chau Trinh-Shevrin[1]

Another implementation science is possible: engaging an 'intelligent public' in knowledge translation

Milena Heinsch, Hannah Cootes & Campbell Tickner

Application of an antiracism lens in the field of implementation science (IS): Recommendations for reframing implementation research with a focus on justice and racial equity

Rachel C. Shelton[1], Prajakta Adsul[2], April Oh[3], Nathalie Moise[4] and Derek M. Griffith[5,6,7]

Power Redistribution and Upending White Supremacy in Implementation Research and Practice in Community Mental Health

Amanda L. Sanchez, Ph.D., Lauren Pilar Cliggitt, L.C.S.W., M.S.W., Natalie L. Dallard, M.A., Deborah Irby, Mikaila Harper, B.A., Emily Schaffer, L.C.S.W., Meghan Lane-Fall, M.D., M.S.H.P., Rinad S. Beidas, Ph.D.

DEBATE   Open Access

Implementation science should give higher priority to health equity

Check for updates

Ross C. Brownson[1,2]*, Shiriki K. Kumanyika[3], Matthew W. Kreuter[4] and Debra Haire-Joshu[5]

Advancing health equity through a theoretically critical implementation science

Claire Snell-Rood,[1] Elise Trott Jaramillo,[2] Alison B. Hamilton,[3] Sarah E. Raskin,[4] Francesca M. Nicosia,[5] Cathleen Willging[2]

Bringing Equity to Implementation Supplement
Equity in Implementation Science Is Long Overdue

By Ana A. Baumann & Pamela Denise Long

FRAMEWORKS

The updated Consolidated Framework for Implementation Research based on user feedback

Laura J. Damschroder, Caitlin M. Reardon, Marilla A. Opra Widerquist and Julie Lowery

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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. Elias[3], L. Reveiz[3], N. Tran[4] and E. V. Langlois[5]

Resources, Frameworks, and Perspectives

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

Amy Peterson, PhD[1]
Vignetta Charles, PhD[2]
David Yeung, MBA[2]
Karin Coyle, PhD[3]

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 Vanderbom[1], Linda G Bandini[2,3], Charles E Drum[4], Karen Luken[5], Yolanda Suarez-Balcazar[6] and Ian D Graham[7]

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]

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. Uchendu[4], Shari Rogal[5,6,7] and JoAnn E. Kirchner[1,2,8]

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

Rachel C. Shelton[1*], David A. Chambers[2] and Russell E. Glasgow[3,4]

METHODS

International Journal of Social Research Methodology

Indigenous research methodology – weaving a research interface

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

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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

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, PhD[3]; 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]

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 Nooraie[1], Bethany M. Kwan[2,3], Elizabeth Cohn[4], Mona AuYoung[5], Megan Clarke Roberts[6], Prajakta Adsul[7,8] and Rachel C. Shelton[9]

Invited Commentary

Improvisational and Standup Comedy, Graphic Medicine, and Theatre of the Oppressed to Teach Advancing Health Equity

Marshall H. Chin, MD, MPH, Nicola M. Orlov, MD, MPH, Brian C. Callender, MD, James A. Dolan, PhD, Doriane C. Miller, MD, Monica E. Peek, MD, MPH, MSc, Jennifer M. Rusiecki, MD, MS, and Monica B. Vela, MD

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[*†]

Twitter: @BaumannAna

EQUITY AS A PROCESS

Think: what are the implicit and explicit assumptions of your work?

BE CAREFUL WITH SILENT ASSUMPTIONS

CULTURAL ADAPTATION FIELD: "All that is needed is to culturally adapt interventions"
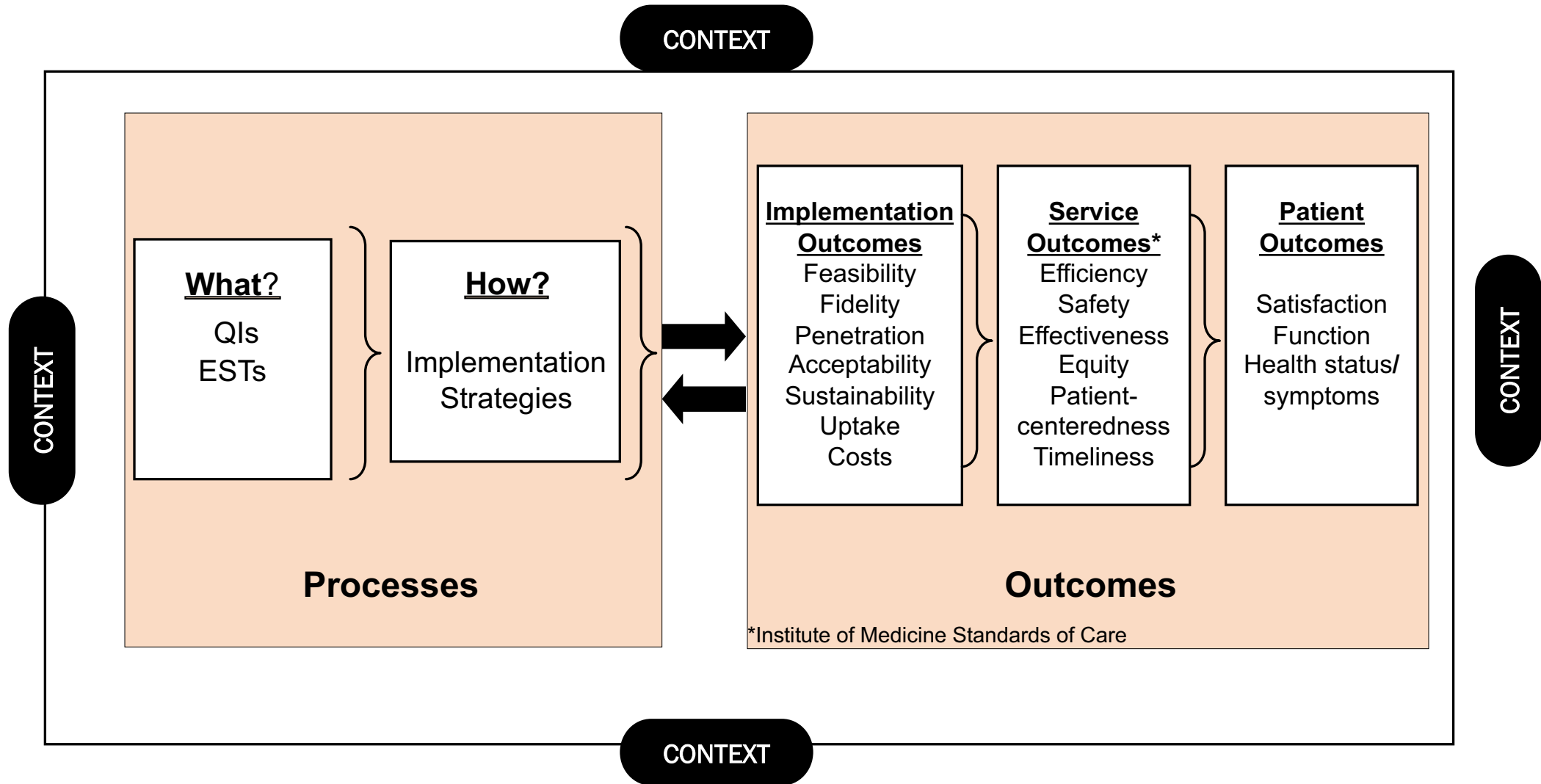
HEALTHCARE DISPARITIES FIELD: "Focus on testing the efficacy and effectiveness of interventions in minority communities"

IMPLEMENTATION SCIENCE FIELD: "One size fits all: Just scale up interventions, it will improve the quality of care for everyone"
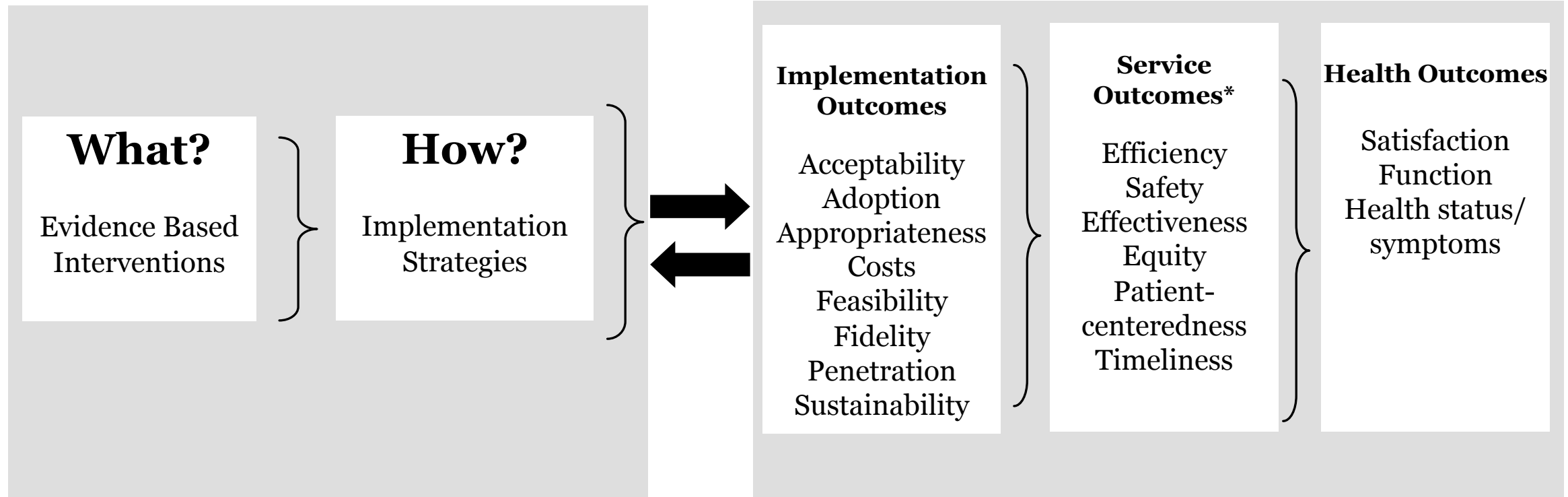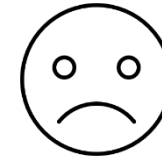
Reframing Implementation Science to Address Healthcare Inequities

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.

THE IMPORTANCE OF CONTEXT

What?

Evidence Based Interventions

How?

Implementation Strategies

Implementation Outcomes

Acceptability
Adoption
Appropriateness
Costs
Feasibility
Fidelity
Penetration
Sustainability

Service Outcomes*

Efficiency
Safety
Effectiveness
Equity
Patient-centeredness
Timeliness

Health Outcomes

Satisfaction
Function
Health status/symptoms

Proctor, E., 2011

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

TELL ME…

What does reach with an equity lens mean for you, and why is it important? (write in the chat)

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

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

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. Đoàn, 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

ORIGINAL ARTICLE

Under-Representation of Transgender Identities in Research: The Limitations of Traditional Quantitative Survey Data
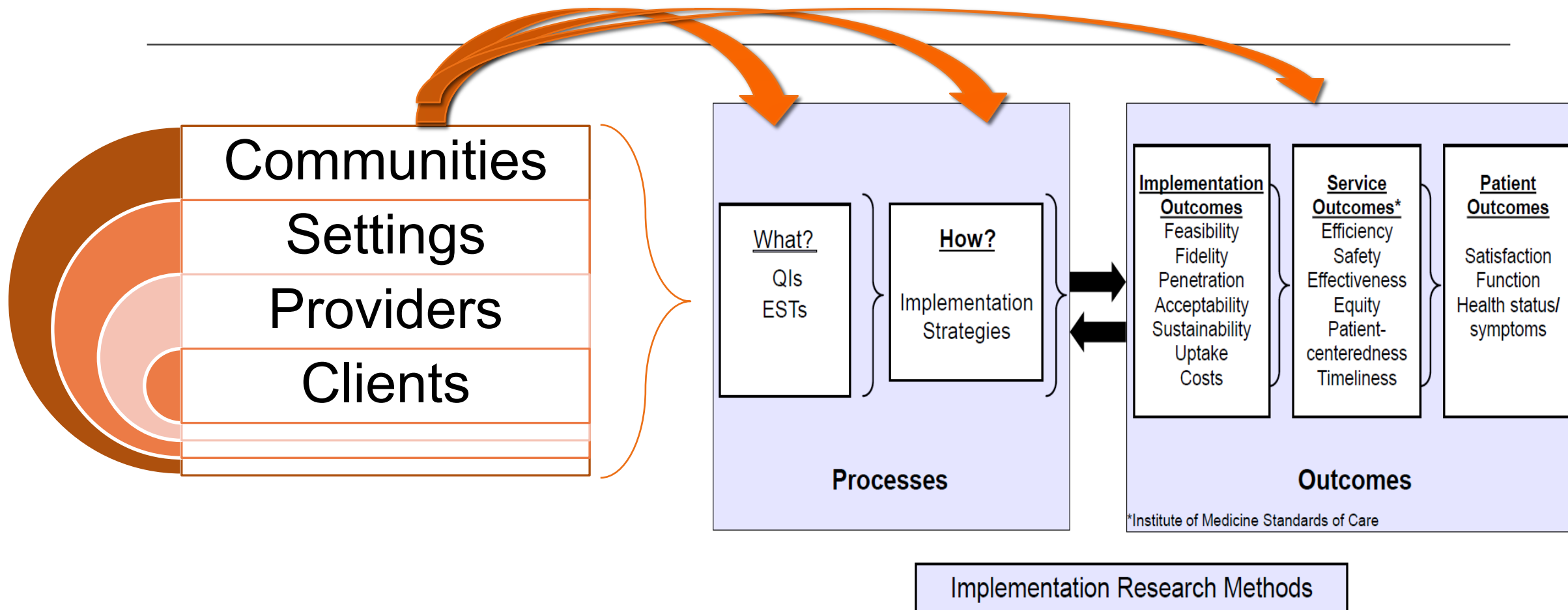
Ariann Ghorbanian,* Bridget Aiello, and Jennifer Staples

REVIEW   Open Access

Barriers and facilitators to the recruitment of disabled people to clinical trials: a scoping review

Sameed Shariq [1*], Alexandra M Cardoso Pinto [1], Shyam Sundar Budhathoki [1], Marie Miller [2] and Suzie Cro [2]

Twitter: @BaumannAna

FOCUS ON REACH FROM THE VERY BEGINNING

Communities
Settings
Providers
Clients

Processes

What?
QIs
ESTs

How?
Implementation
Strategies

Implementation Outcomes
Feasibility
Fidelity
Penetration
Acceptability
Sustainability
Uptake
Costs

Service Outcomes*
Efficiency
Safety
Effectiveness
Equity
Patient-centeredness
Timeliness

Patient Outcomes
Satisfaction
Function
Health status/symptoms

*Institute of Medicine Standards of Care

Outcomes

Implementation Research Methods

Source: Baumann, et al. (2011). *Family process, 50*(2), 132-145.

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

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

Leopoldo J. Cabassa[1*], Ana Stefancic[1], Kathleen O'Hara[1], Nabila El-Bassel[1], Roberto Lewis-Fernández[2], José A. Luchsinger[3], Lauren Gates[1], Richard Younge[4], Melanie Wall[2], Lara Weinstein[5] and Lawrence A. Palinkas[6]

Contemporary Clinical Trials 45 (2015) 34–40

Contents lists available at ScienceDirect

Contemporary Clinical Trials

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

ELSEVIER

Review

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

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

Journal of Psychiatric Research

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

ELSEVIER

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], Niranjan Bidargaddi[a,b]

Journal of Psychiatric Research 120 (2020) 1–13

Contents lists available at ScienceDirect

Journal of Psychiatric Research

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

ELSEVIER

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], Niranjan Bidargaddi[a,b]

PAUSE FOR REFLECTION

How are you ensuring equitable reach? (tell me in the chat)

REFLECTION POINTS

- Check your **assumptions and composition as researchers and implementers**
  ◦ Who is missing in your team and why?
  ◦ Diversity does not equal equality
  ◦ How are you listening to your community members – and giving them power?

- **Check for recruitment materials**
  ◦ Colors, fonts, language. Have they been 508 audited? Have you checked with community members?
  ◦ Who is recruiting, where and how?

REFLECTION POINTS

- When capturing demographics:
  ◦ How is data collected? BE CAREFUL WITH THE DATA. Demographic questionnaires can be biased towards white supremacy. For example:
    ◦ Are you capturing gender as a non-binary outcome?
    ◦ Are you capturing other intersectional aspects?
    ◦ Are your surveys/platform audited for visual disabilities?
    ◦ Are your forms audited for literacy levels?
    ◦ Which social determinants of health are you capturing? Why? or why are you not capturing them?

A CASE STUDY

The outcome: let's capture demographic data.

The survey: "classic" NIH survey

The reflection:

- gender is not binary

- what about other markers of intersectionality?

- what if people do not want to disclose or are in process of reflection?

A CASE STUDY

The outcome:

Please let us know if you are a member of a historically underrepresented population (e.g. by race, ethnicity, disability, sexual orientation, gender identity, or other aspects of socioeconomic status). How would you describe your identity/identities? [open text for response]

[Explanation below the open text box]

How we will use this response: our survey results will report in aggregate on the percentage of program leaders from historically underrepresented backgrounds, including demographics by race, ethnicity, disability, sexual orientation, gender identity or other aspects of socioeconomic status, such as first-in-college for family. In addition, we will use these data to ensure a purposive sample of individuals from a variety of historically underrepresented backgrounds among those who agree to follow-up interviews. Of note, we believe respondents should consider underrepresented identities broadly with regard to gender identity and sexual orientation, including Cis-gender women, Lesbian, Gay, Bisexual, Transgender, Queer, Intersex, Asexual, or Two Spirit identities (LGBTQIA2S+).

Table 1. American Community Survey 5-year estimates, 2019, by race. Race alone or in combination with one or more other races.

Total population	N
White	244,597,669
Black or African American	45,612,523
American Indian and Alaska Native	5,643,919
Asian	21,408,058
Native Hawaiian and Other Pacific Islander	1,399,393
Some other race	17,859,236>

Gee, G. C., & Hicken, M. T. (2021). Structural racism: the rules and relations of inequity. *Ethnicity & Disease*, *31*(Suppl 1), 293.

REFLECTION..

Where	Who	How
• School • Library • Church Settings • 211 • Laundromats • Food banks	• Immigrants • Refugees • Homeless • Non-binary gender • People with disabilities • Children • Elders	• User-center design • Ethnography • Photovoice • Collaborative Engagement • Reflective Writing • Indigenous Research Methodology • Citizen's panels

HOW ARE YOU DESIGNING AND SELECTING INTERVENTIONS?

REFLECTION POINTS

How are you ensuring equitable engagement in the design and selection of your interventions?

◦ What does equitable engagement mean to you? (please answer in the chat)

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

Twitter: @BaumannAna

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 Witteman,[6] Eric Kavanagh,[8] Frédérick Lépinay,[8] Jacynthe Roberge,[8] Carole Délétroz,[9] Samira Abbasgholizadeh-Rahimi[10]

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 Gomes[1], Quisqueya Meyreles[2], Lucia Capitelli[2], Richard Younge[3], Dianna Dragatsi[2], Juana Alvarez[2], Yamira Manrique[1] 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 Pages[3], Layla Claure[3], Marian Pedreira[3], Michael Touchton[3], Felicia Knaul[3]

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

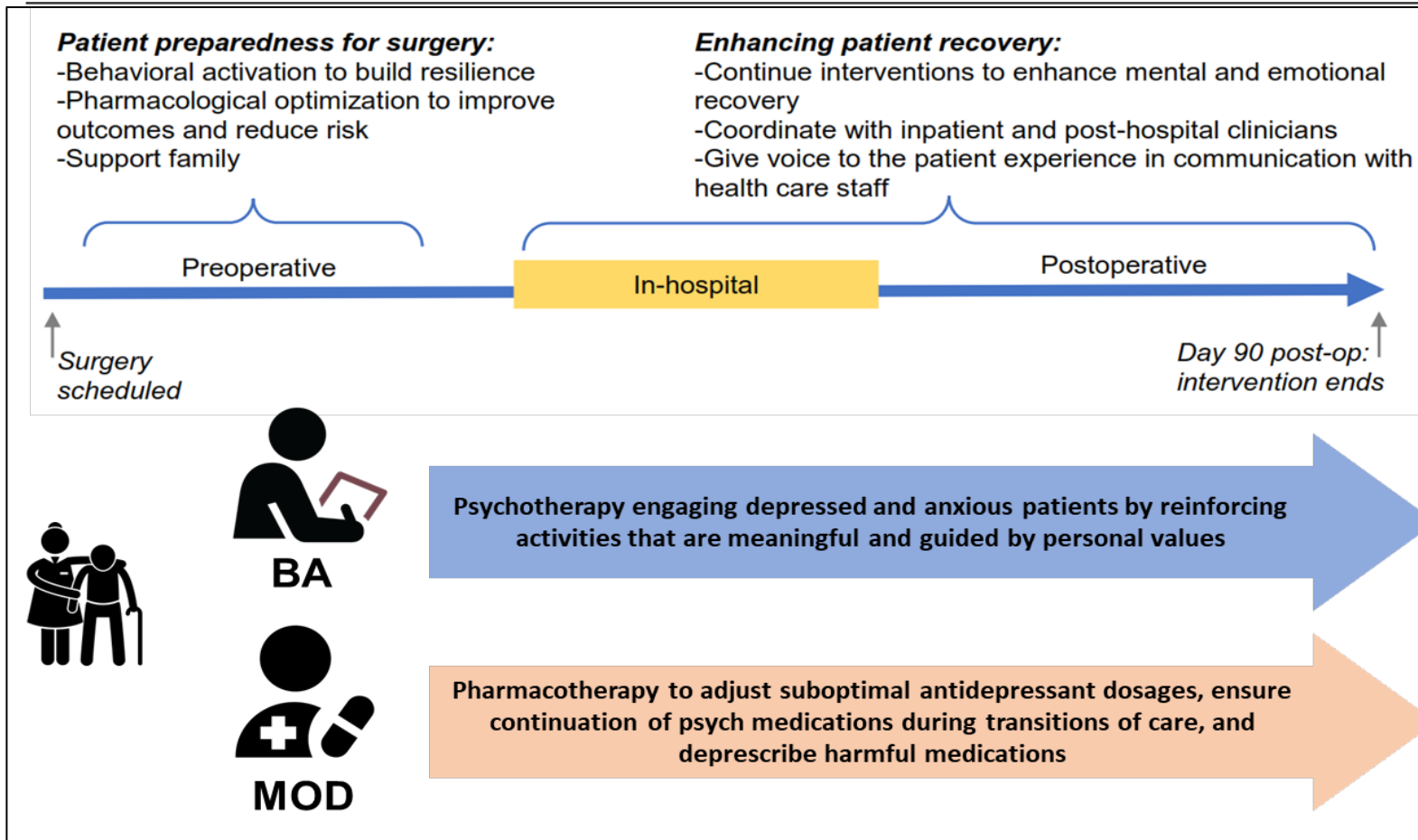**Disability & Society**   ISSN: 0968-7599 (Print) 1360-0508 (Online) Journal homepage: https://www.tandfonline.com/loi/cdso20

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

Sarah Parsons, Nicola Yuill, Judith Good & Mark Brosnan

CASE STUDY

Patient preparedness for surgery:
-Behavioral activation to build resilience
-Pharmacological optimization to improve outcomes and reduce risk
-Support family

Enhancing patient recovery:
-Continue interventions to enhance mental and emotional recovery
-Coordinate with inpatient and post-hospital clinicians
-Give voice to the patient experience in communication with health care staff

Preoperative — In-hospital — Postoperative

Surgery scheduled

Day 90 post-op: intervention ends

BA — Psychotherapy engaging depressed and anxious patients by reinforcing activities that are meaningful and guided by personal values

MOD — Pharmacotherapy to adjust suboptimal antidepressant dosages, ensure continuation of psych medications during transitions of care, and deprescribe harmful medications

https://perioperativewellness.wustl.edu/

REFLECTION POINTS

- Check how you are *really* engaging with community voices because diversity <> equity.

- Check for the assumption of the theories that are informing your work; make them explicit and test them.

IMPLEMENTATION STRATEGIES

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 Shadravan[1] · Elizabeth Moore[1] · Michael O. Mensah III[1] · Mary Docherty[6] · Maria Gabriela Aguilera Nunez[1] · Nicolás Barcelo[1] · Nichole Goodsmith[1] · Laura E. Halpin[1] · Isabella Morton[1] · 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] · Felica Jones[12] · 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   WILE

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

Robert J. Fortuna MD, MPH[1] | Thomas A. Rocco MD[2] | Jeffrey Freeman MBA[3] | Mathew Devine DO[4] | John Bisognano MD, PhD[5] | Geoffrey C. Williams MD, PhD[2] | Angela Nagel PharmD[6] | Howard Beckman MD[3]

SHORT REPORT

A risk-based intervention approach to eliminate diabetes health disparities

Neil S. Calman[1], Diane Hauser[1], Lilli Schussler[1] and Casey Crump[1,2]

[1]Department of Family Medicine and Community Health, Icahn School of Medicine at Mount Sinai, New York, NY, USA
[2]Department of Population Health Science and Policy, Icahn School of Medicine at Mount Sinai, New York, NY, USA

ANNUAL REVIEWS

Annual Review of Public Health

The Next Generation of Diabetes Translation: A Path to Health Equity

Debra Haire-Joshu[1] and Felicia Hill–Briggs[2]

HOW?

Implementation Strategies

- Increase trust, partnerships and ownership
- Build capacity, resources collaborative networks
- Advocacy, Allyship, Cultural humility

WHICH STRATEGIES CAN PROMOTE EQUITY?
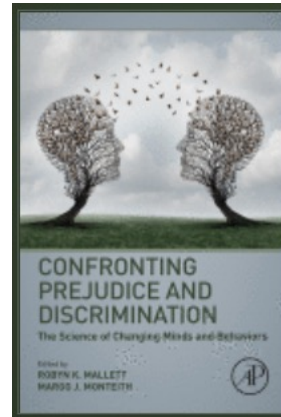
Disability Identity and Allyship in Rehabilitation Psychology: Sit, Stand, Sign, and Show Up
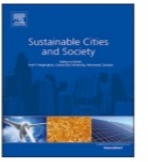
Anjali Forber-Pratt;Carlyn Mueller;Erin Andrews;

CONFRONTING PREJUDICE AND DISCRIMINATION
The Science of Changing Minds and Behaviors

Edited by
ROBYN K. MALLETT
MARGO J. MONTEITH

Sustainable Cities and Society

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,*]

Anti-racist actions and accountability: not more empty promises

Anti-racist actions

C. Malik Boykin

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

Alison M. Pickover
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Keith A. Wood, Rachel Ammirati, Jordan E. Cattie,
Dorian A. Lamis, and Nadine J. Kaslow
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Applying Theater-Based Training Methods to Address Anti-Black Racism in Community-Based Mental Health Services: A Pilot Feasibility Study

Noah S. Triplett, *University of Washington*
Jasmine L. Blanks Jones, *Johns Hopkins University*
Minu Ranna-Stewart, *Puget Sound Educational Service District*
Devin Kennedy, Alayna Daniels and Yasmin Garfias, *University of Washington*
Nathaniel Jungbluth, *Seattle Children's Hospital*
Shannon Dorsey, *University of Washington*

Critical Theory, Culture Change, and Achieving Health Equity in Health Care Settings

Jelena Todić, PhD, MSW, Scott C. Cook, PhD, Sivan Spitzer-Shohat, PhD, James S. Williams Jr, MA, Brenda A. Battle, MBA, BSN, Joel Jackson, and Marshall H. Chin, MD, MPH

Principles to operationalize equity in cancer research and health outcomes: lessons learned from the cancer prevention and control research network

Perla Chebli[1] · Prajakta Adsul[2,3] · Julie Kranick[1] · Catherine L. Rohweder[4] · Betsy C. Risendal[5] · Emily Bilenduke[6] · Rebecca Williams[4] · Stephanie Wheeler[4] · Simona C. Kwon[1] · Chau Trinh-Shevrin[1]

Invited Commentary

Improvisational and Standup Comedy, Graphic Medicine, and Theatre of the Oppressed to Teach Advancing Health Equity

Marshall H. Chin, MD, MPH, Nicola M. Orlov, MD, MPH, Brian C. Callender, MD, James A. Dolan, PhD, Doriane C. Miller, MD, Monica E. Peek, MD, MPH, MSc, Jennifer M. Rusiecki, MD, MS, and Monica B. Vela, MD

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WE NEED TO CHECK FOR ASSUMPTIONS

Identify the underlying assumptions

Identify potential sources of disparities

Step 3 — Adapt the implementation strategy to ensure that equity is considered and has the potential to reduce disparities
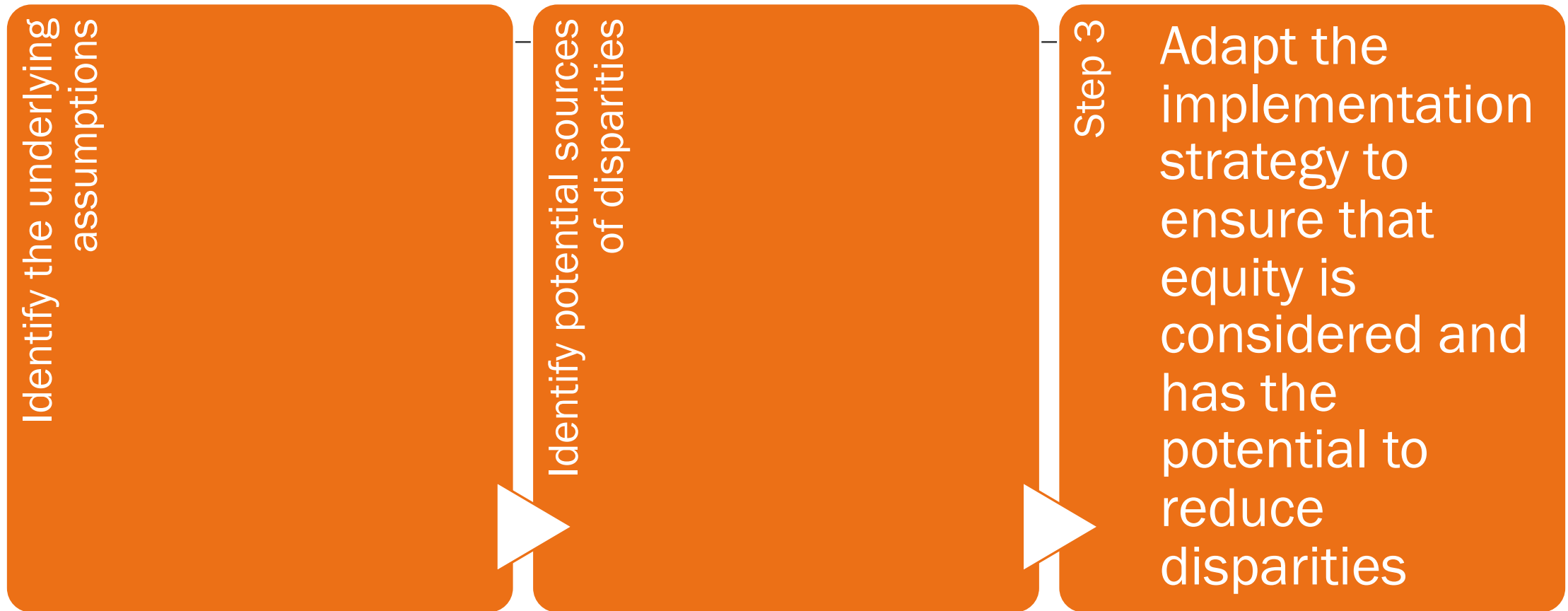
Gaias, L. M., Arnold, K. T., Liu, F. F., Pullmann, M. D., Duong, M. T., & Lyon, A. R. (2022). Adapting strategies to promote implementation reach and equity (ASPIRE) in school mental health services. *Psychology in the Schools*, *59*(12), 2471-2485.

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REFLECTION POINTS

How are you ensuring that your strategies are equitable?

What does an equitable strategy mean for you? (please answer in the chat)

DEVELOP THE SCIENCE OF ADAPTATION

REFLECTION POINTS

What is adaptation for you?

What is fidelity for you? (please answer in the chat)

ADAPTATION

ADAPTATION HAPPENS

AND

Adaptation is important if we are to address disparities

Because of the unique sociocultural context

Cabassa and Baumann *Implementation Science* 2013, 8:90
http://www.implementationscience.com/content/8/1/90

IMPLEMENTATION SCIENCE

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 Baumann[3]

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

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ADAPTATION: DECISION PROCESS AND FRAMEWORKS

Cultural Adaptations
Tools for Evidence-Based Practice With Diverse Populations
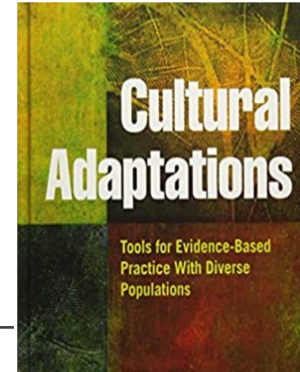
Received: 30 May 2019 | Revised: 23 October 2019 | Accepted: 26 October 2019
DOI: 10.1002/jcop.22279

SPECIAL ISSUE ARTICLE

COMMUNITY PSYCHOLOGY WILEY

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

Christopher J. Miller PhD[1] | Shannon Wiltsey-Stirman PhD[2] | Ana A. Baumann PhD[3]

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

Implementation Science

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. Moore[2], Shannon Wiltsey Stirman[3] and Sarah A. Birken[4]

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. Mullen[2]

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 Gomes[1], Quisqueya Meyreles[2], Lucia Capitelli[2], Richard Younge[3], Dianna Dragatsi[2], Juana Alvarez[2], Yamira Manrique[1] 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

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ADAPTATION:
TRACKING METHODS

REFLECTION POINTS

- What is fidelity and how it is defined? Has the community given input into your conceptualization of fidelity?

- Adaptation can be from the intervention to the context…. And the context to the intervention
  - Be careful with the assumptions! (i.e., if the system is broken, maybe the system is the one that needs to be adapted?)
  - Core functions and forms are helpful framework

Perez Jolles, M., Lengnick-Hall, R., & Mittman, B. S. (2019). Core functions and forms of complex health interventions: a patient-centered medical home illustration. *Journal of general internal medicine*, *34*, 1032-1038.

USE AN EQUITY LENS

WHAT DOES EQUITY MEAN FOR YOUR PARTICIPANTS?

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

Scaling Out Evidence-Based Interventions Outside the U.S. Mainland: Social Justice or Trojan Horse?

Melanie M. Domenech Rodríguez — Utah State University
Ana A. Baumann — Washington University in St. Louis
Alejandro L. Vázquez — Utah State University
Nancy G. Amador-Buenabad — Instituto Nacional de Psiquiatría Ramón de la Fuente Muñíz, Mexico City, Mexico
Natalie Franceschi Rivera — Ponce, Puerto Rico
Nydia Ortiz-Pons — Ponce Health Sciences University
J. Rubén Parra-Cardona — University of Texas at Austin

Genomic Research

DEFINING AND ACHIEVING HEALTH EQUITY IN GENOMIC MEDICINE

Sonya Jooma, MA[1]; Michael J. Hahn, BA[1];
Lucia A. Hindorff, PhD, MPH[1]; Vence L. Bonham, JD[1]

Social Science & Medicine 97 (2013) 134–142
Contents lists available at ScienceDirect
Social Science & Medicine
journal homepage: www.elsevier.com/locate/socscimed

Variation in the interpretation of scientific integrity in community-based participatory health research

Anne E. Kraemer Diaz [a,*], Chaya R. Spears Johnson [a,c], Thomas A. Arcury [a,b,c]

Guindo et al. Cost Effectiveness and Resource Allocation 2012, 10:9
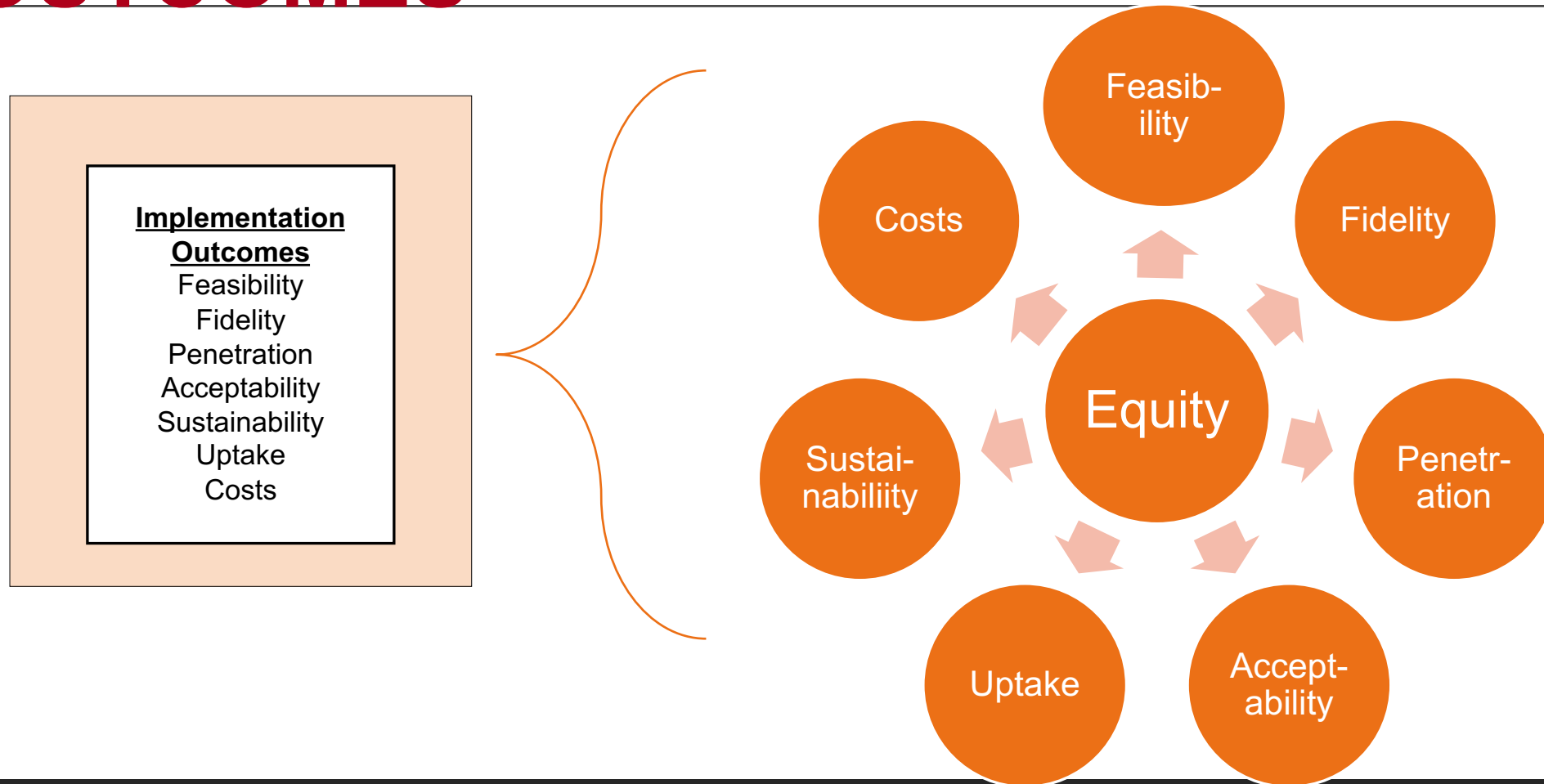http://www.resource-allocation.com/content/10/1/9

COST EFFECTIVENESS AND RESOURCE ALLOCATION

REVIEW   Open Access

From efficacy to equity: Literature review of decision criteria for resource allocation and healthcare decisionmaking

Lalla Aïda Guindo[1], Monika Wagner[1], Rob Baltussen[2], Donna Rindress[1], Janine van Til[3], Paul Kind[4] and Mireille M Goetghebeur[1,5*]

USE AN EQUITY LENS WHEN EXAMINING IMPLEMENTATION OUTCOMES

Implementation Outcomes
Feasibility
Fidelity
Penetration
Acceptability
Sustainability
Uptake
Costs

Feasibility
Fidelity
Costs
Equity
Penetration
Sustainability
Uptake
Acceptability

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 deliver

RESOURCES

CARDIS: https://www.cardis.info/

Stakeholder engagement navigator: https://dicemethods.org/

Racial Equity Tools: https://www.racialequitytools.org

Engage for Equity: https://engageforequity.org/

Community Toolbox: https://ctb.ku.edu/en

Emerging Strategy Institute: https://alliedmedia.org/speaker-projects/emergent-strategy-ideation-institute

National Council for Mental Wellbeing: http://ow.ly/vmTM50HUuvj

National Academy of Medicine: https://doi.org/10.31478/202202c

PCORI Equity and Inclusion Guiding Engaging Principles:
https://www.pcori.org/resources/equity-and-inclusion-guiding-engagement-principles?utm_source=weeklyemail&utm_medium=email&utm_campaign=051022

RESOURCES

CPS Equity Toolkit: https://equity.cps.edu/equity-framework/overview
Greenlining Institute toolkit: https://greenlining.org/wp-content/uploads/2013/07/GLI-REF-Toolkit.pdf
CPCRN Toolkit: https://cpcrn.org/resources-cancer-equity
Dissemination and implementation models – special topic section: https://dissemination-implementation.org/special-topics/health-equity/
Journals: Journal of Black Studies, Society for the Psychological Study of Culture, Ethnicity and Race, International Journal for Equity in Health, Health Equity

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Thank You!
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