1	I. Title: Advancing Community-Based Participatory Practice in Public Health
2	
3	II. Author Identification:
4	Primary Author Information:
5	Jaimie Shaff, DrPH, MPA, MPH
6	Johns Hopkins Bloomberg School of Public Health - 615 N Wolfe St, Baltimore, MD 21205
7	Jaimie.shaff@gmail.com
8	Regular Member, Epidemiology, Mental Health, Community Health Planning and Policy Development
9	
10	Co-Author Information:
11	Irene Bayer, MHSA
12	CREATE for STEM Institute, Michigan State University - 620 Farm Lane, Room 115
13	Regular Member, Community Health Planning and Policy Development; Community-Based Public
14	Health Caucus
15	
16	Chelsea Cipriano, MPH
17	Common Health Coalition
18	Regular Member, Community Health Planning and Policy Development
19	
20	Ashley Hickson, DrPH, MPH
21	Center for Science in the Public Interest
22	Community Health Planning and Policy Development
23	
24	Jamile Tellez Lieberman, DrPH, MPH
25	Nueva Esperanza, Inc. (Esperanza)
26	Regular Member, Community Health Planning and Policy Development
27	
28	Madhury Ray, MD, MPH, CEM
29	
30	Amy Schulz, PhD, MPH, MSW
31	University of Michigan School of Public Health
32	Member: Community Health Planning and Policy Development, Environmental Health Section,
33	Community-Based Public Health Caucus

- 35 III. Sponsorship/co-sponsorship: Community Health Planning and Policy Development (CHPPD)
- IV. Collaborators: Raheem Young, Community-Based Public Health Practice Caucus, Chair;
   Barbara A. Israel, DrPH, MPH; Meredith Minkler, DrPH, MPH
- 38 V. Endorsement: Community-Based Public Health Practice Caucus and Environment Section
- 39

# 40 VI. Summary

41 The policy statement fills a gap identified by the Joint Policy Committee to address persistent and 42 widening health inequities in the United States (U.S.) by advancing community-based participatory 43 practice (CBPP). Despite high healthcare expenditures, the U.S. continues to underperform in health 44 outcomes compared to other high-income nations, with recent alarming drops in life expectancy. The 45 systems and structures that perpetuate these widening health inequities necessitate comprehensive public 46 health strategies that encompass meaningful collaborative engagement between communities and public 47 health practitioners. This policy statement advocates for widespread adoption of community-based 48 participatory practices throughout the public health field, emphasizing the inclusion of community 49 members in every stage of the public health process. This includes incorporating the lived experiences of 50 community members as valuable expertise, developing action-focused feedback loops to refine 51 interventions, and ensuring data equity to address systemic biases. The statement also underscores the 52 importance of community-based participatory research (CBPR) as a mechanism to meaningfully engage 53 communities in addressing critical gaps in information about public health challenges. This statement 54 urges the field to move towards power-sharing and collective control in decision-making processes, 55 including the formation of Community Research Review Boards to ensure ethical and community-aligned 56 research practices. The overall aim is to foster a more inclusive, equitable, and effective public health 57 system that genuinely addresses the needs and priorities of all communities, particularly those historically 58 marginalized and disproportionately affected by health inequities.

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Keywords: health equity; community participation; community health planning; community-based
 participatory research; health services administration

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# VII. Relationship to Existing APHA Policy Statements

- 200412: Support for Community-Based Participatory Research in Public Health
- 65 202210: Reimagining Public Health Leadership for Health Equity: Moving Toward Collective
   66 and Community-Centered Applied Practice
- 67 20224: Advancing Environmental Health and Justice: A Call for Assessment and Oversight of
   68 Health Care Waste

69 202115: Noise as a Public Health Hazard • 70 20218: Call for Urgent Actions to Address Health Inequities in the U.S. Coronavirus Disease • 71 2019 Pandemic and Response 72 LB20-04: Structural Racism is a Public Health Crisis: Impact on the Black Community • 73 LB20-02: Health Inequities in the U.S. Coronavirus Disease 2019 Pandemic and Response • 74 20197: Addressing Environmental Justice to Achieve Health Equity • 75 20182: The Environmental and Occupational Health Impacts of Unconventional Oil and Gas • 76 Industry 77 • 20171: Supporting Research and Evidence-Based Public Health Practice in State and Local 78 Health Agencies 79 80 VIII. **Rationale for Consideration** 81 Since the adoption of 200412, Community-Based Participatory Research and Practice have 82 increasingly become part of everyday public health work. APHA has adopted several policy statements 83 that cite 200412, many of which account for some aspects of health equity. However, the adoption of 84 truly participatory approaches within public health confronts structural, institutional, and systemic 85 barriers. These barriers can contribute to superficial or performative participatory community engagement 86 which impede the development of meaningful relationships between public health practitioners and 87 community residents, undermining trust and impeding effective participatory practice. Despite over a 88 century of awareness of health inequities, the United States continues to experience growing health 89 disparities. The systemic nature of racism requires a radical shift in the status quo, and more intentional 90 and action-oriented public health practice that is led by the community. This statement addresses a policy 91 gap identified by APHA, re-affirms the need for 200412 as a policy statement, and builds upon the 92 foundation of 200412 to embrace the need to adopt participatory approaches in all aspects of public health 93 practice. 94 95 I. **Problem Statement** 

Social determinants, systems, and structures are associated with long-standing health inequities.[1,2] Despite decades of attention to health inequities in the United States (U.S.), widening gaps in health-related outcomes persist.[1] Prior to the COVID-19 pandemic, life expectancy in the U.S. lagged behind peer nations; the additional drop following the pandemic is staggering, with available data showing the greatest losses experienced by American Indian and Alaska Native, Black, and Latine populations.[3] Beyond COVID-19, health disparities across structurally marginalized groups such as the LGBTO+ community, immigrants and refugees, people experiencing homelessness, and low

socioeconomic status communities have persisted and, in many cases, worsened, due to intersecting mechanisms based in sociopolitical power and privilege.[4] Maintaining this inequitable system is costly: in addition to unmeasured human capital losses due to preventable illness, the U.S. consistently ranks among the lowest of high-income countries for health-related outcomes, despite reporting the greatest per capita expenditure.[5] Additionally, recent studies demonstrate diminishing trust in public health and the

108 scientific community.[6,7]

109 Communities unjustly impacted by health inequities possess unique skills, strengths, and resources that have allowed them to survive while being structurally marginalized. Often bucketed under 110 111 the umbrella term "resiliency," public health has embraced the idea of incorporating community assets as 112 a public health strategy for over a decade.[8] Substantial evidence indicates that structural determinants of 113 social, economic, and political marginalization contribute to persistent health inequities.[9] Shared public health ethics and morality require that we address social determinants, systems, and structures that 114 115 perpetuate poor health. Active and meaningful participation by structurally marginalized communities is 116 essential to this process. Meaningful community participation is effective in reducing health disparities 117 and fosters community development.[10-12]

118 In 2004, APHA recognized the importance of community-based participatory research (CBPR).[13]<sup>13</sup> That policy, building from Barbara Israel's foundational work and the evidence base that 119 120 has emerged since, support the effectiveness of CBPR approaches linking participatory research to 121 effective practice.[11,14] Critically, there is a growing need to adopt participatory practices developed for 122 CBPR outside of the research context and more broadly throughout public health practice. In this 123 statement, we refer to this as Community-Based Participatory Practice (CBPP). Yet, CBPP can be 124 difficult to honor, in part due to structural, institutional, and systemic barriers. These barriers can 125 contribute to misunderstandings or misalignments of goals, benefits, or processes that strain relationships 126 between communities, researchers, and practitioners.[11] As a result, relationships must be carefully 127 established, nurtured, and maintained over time, in an atmosphere of mutual dialogue and respect, in 128 order to maintain (or regain) mutual trust.[11] Real ethical concerns about privacy and confidentiality 129 create complexity while conflicts of interest between a community and researchers or practitioners can 130 halt progress and result in harm.[11]

131 Despite these challenges, recent and ongoing efforts to address systemic drivers of health 132 inequities have resulted in new mandates for the public health community.[1] There is growing 133 recognition that CBPP offers critical insights for improving public health practice as well as 134 research.[14,15] Structurally marginalized communities have generations of experience navigating the 135 systems that perpetuate harm. This lived experience, paired with the increasing inclusion of people from 136 structurally marginalized communities in public health systems and leadership, creates opportunities to 137 improve public health practice toward achieving health equity.

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## II. Evidence-based Strategies to Address the Problem

140 While CBPR primarily focuses on research processes CBPP encompasses a broader range of 141 participatory activities that include, but are not limited to, research. [17] While some community-based 142 approaches, notably community health needs assessments (CHNA), are widely accepted in the field, they 143 are often completed with limited to no meaningful community engagement.[18] To truly build towards 144 CBPP, institutions can incorporate increasing levels of shared leadership and participation progressively 145 over time to build trust and the capacity for CBPP.[12] This policy statement does not intend to curate an 146 exhaustive list of evidence-based strategies, but provides feasible examples of different depths of CBPP. Engagement with the public in pursuit of health equity requires a tailored approach with each community 147 in order to earn trust and build partnerships.[2,19-21] For the purposes of advancing health equity, this 148 149 statement focuses on evidence-based strategies that involve active multi-directional participation in public 150 health practice.

151

# 1. Recognize that lived experience is expertise

152 Ample evidence affirms the value of community input to public health: community members 153 have unique knowledge about the social and environmental factors contributing to their community's 154 health, first-hand experience navigating health-determining systems, knowledge of what interventions and 155 policies have and have not worked for them, and experiential insight into why.[12.20.22] Given the 156 history of unethical practices and outright discrimination based on income, insurance status, race, and 157 other factors, trustworthiness must be demonstrated by public health practitioners. [23,24] Building trust 158 is required for any longer term investment, particularly in communities accustomed to extractive, shortterm engagements.[21] Community members and community-based organizations (CBOs) often serve 159 160 crucial public health roles as primary responders to local needs left unmet due to systemic failures, 161 gaining unmatched wisdom that can greatly inform and improve public health actions.[19,25] 162 Acknowledging lived experience as expertise akin to educational or professional qualifications 163 requires the public health field to challenge elitist notions of "expertise." [26] This may engender 164 resistance from the public health team, their supervisors, and others whose expertise is recognized by dominant groups (e.g. those with academic credentials, other privileged groups), yet lack lived 165 166 experience. [27] It is the responsibility of the public health community to ensure that community expertise 167 is meaningfully and sustainably integrated into public health activities. [20,27] This responsibility includes

acknowledgment of the role public health institutions have played in eroding the trust of structurally

169 marginalized groups, and active restitution for those trust-destroying practices.[24,27,28]

170 Evidence supports the advantages of integrating lived experience within public health systems 171 (e.g. Peer Services, Promotores), demonstrating clinically significant benefits, including reduced need for 172 costly hospitalization. [20.22.29] Services provided by people with lived experience must not be used to 173 offset labor or budget shortages with lower cost services, but integrated as complementary services that 174 improve quality throughout the system. Lived experience must be valued: financial compensation should 175 be comparable for services typically requiring academic and professional credentials.[30] Investing a 176 portion of the resources currently used to fund management consultants to support community-based 177 expertise can result in more appropriate and sustainable public health solutions centered on communitybenefit.[31] In addition to financial compensation, there are opportunities to continue engaging 178 179 communities who have provided expertise and information, such as using institutional ties and influence 180 to support community action and advocacy related to the health challenge. [20,27,30]

#### 181

# 2. Incorporate place-based and environmental justice approaches

"Place" is a long-established social determinant of health, with widespread development of placebased approaches to achieve health equity.[32,33] In the U.S., racist practices and policies have segregated urban and rural geographies which shapes determinants of health, creating geographic health disparities. Public health practitioners using placed based approaches should consider the interaction of community diversity and geography in the public health process.[29] Communities may self-define based on geographic boundaries that differ from administrative boundaries tied to funding streams, health data aggregation boundaries, or government catchment area that control upstream policies.[12,32,34]

189 Geographically defined communities include members with intersecting identities. There is no
190 single set of best practices that applies to all different community makeups; however, a few universal
191 strategies have emerged.[1,32] Public health practitioners must honor differential relationships and power
192 dynamics at play within participating communities and with the public health community: this requires
193 reflexive self-examination by the public health team, and the development of multi-level participatory
194 strategies.[1,32,35]

195 CBPP activities are often designed with a geographic component to advance environmental 196 justice (EJ), a social movement based on the principle that environmental risks, protections, and benefits 197 should be distributed equally to all people, recognizing that "dominant political and economic structures 198 disproportionately locate environmental pollution and other sources of health risk with communities in 199 poverty and communities of color."[35] Since environment is a critical determinant of health, public health practitioners must address and acknowledge "EJ communities," which are usually geographicallydefined.[2,27]

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## 3. Develop action-focused community-feedback loops

204 Feedback mechanisms that result in corrective action and improved interventions have long been 205 used to identify and address implementation challenges; instituted globally in resource-limited and 206 emergency settings, their feasibility is well established.[36] Tools that highlight the value of integrating 207 action-focused community-feedback loops, such as Health Equity and/or Racial Equity Impact 208 Assessments, are recommended in the U.S. given pervasive health inequities by race and ethnicity.[20,21] 209 Feedback mechanisms should be context- and community-specific, taking into account both community 210 acceptability of and familiarity with the mechanism; a variety of feedback mechanisms may be required. 211 Expectations for community members and public health practitioners should be jointly established up front, with pre-determined check-ins to evaluate performance and implement necessary changes. 212 213 Feedback mechanisms must necessitate responsive action, including the acknowledgment of received 214 feedback and appropriate communication of actions taken.[32] 215 From an intervention perspective, Evidence-Based Practices (EBP) are recommended by funding 216 institutions due to scientifically backed results; to align with the evidence, such programs are

implemented as-is to ensure fidelity to the model. However, studies supporting EBPs often have small 217 218 sample sizes from culturally, linguistically, and/or socioeconomically diverse communities, limiting the 219 generalizability of the evidence base. [20] If the evidence base supporting EBPs has not been fully 220 established for the populations being served, more information is needed to ensure effectiveness beyond 221 acceptability and feasibility.[37] Given the high costs of EBPs, the potential for inefficient investments in 222 programs that are not well-evidenced for the communities experiencing health inequities must be 223 considered. Action-focused community feedback loops can detect potential inefficiencies of EBPs within 224 service communities and redirect resources more effectively for greater impact.[20]

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# 4. Address gaps in knowledge through Community-Based Participatory Research

Participatory research approaches such as CBPR and youth participatory action research (YPAR) are built on an understanding that more traditional, researcher-driven approaches to building knowledge often exclude the critical knowledge and insights of those most adversely impacted by social, economic, and political inequities.[14,38] Systemic inequities impact the information generated, knowledge gained, and ways in which data are collected and used. The resulting understanding of public health challenges is partial and distorted. This directly impacts resource allocation, community trust in public health systems, and uptake of public health activities. In order to meaningfully address systemic inequities, members of

disproportionately affected communities should be engaged in identification of research questions,

- 235 decisions about data needed to understand public health phenomena, the interpretation of findings, and
- 236 decisions about actions based on study findings.[27]

237 CBPR is a partnership approach to research that equitably involves community members, 238 organizational representatives, and researchers in all aspects of the research process, including leadership 239 and decision-making about how to apply research findings in public health practice and to support 240 relevant policy change. [10,14] All partners contribute their expertise and share responsibilities and 241 ownership of projects designed to enhance understanding of a given phenomenon as well as integrate the 242 knowledge gained with action to improve the health and well-being of community members. With roots 243 in emancipatory movements for equity in both the global South and North, CBPR is a feasible and 244 powerful approach that leverages multiple methods. [10,14,27] These include quantitative methods (e.g., 245 traditional, short-response surveys, validated scales, and the use of administrative data sets) and qualitative methods (e.g., in-depth interviews with numerous opportunities for substantive, personal, and 246 247 other insights; focus groups; and visual and narrative methods such as photovoice and storytelling) that 248 can fill gaps in public health knowledge, focus research on community priorities, identify barriers to 249 community wellness, create community-specific solutions to health challenges, and offer benefits to the 250 participants themselves.[14,27,39,40]

251 To advance and improve CBPR efforts, public health investments that amplify the capacity of 252 structurally marginalized communities to initiate and lead formal research activities on issues that directly 253 impact them are critical. Building career ladders for the workforce by investing in training and capacity 254 building for people with lived experience of inequities to lead research activities is one approach.[20,41] 255 This will not only benefit the expansion of knowledge required to advance health equity, but will sustain 256 and strengthen the field of public health over time. [42] For example, the National Institutes of Health 257 Community Engagement Alliance (CEAL) program built rapid new partnerships between researchers and 258 members of hard hit communities facing the COVID-19 pandemic to improve access to care.[43]

Participatory approaches to research can have substantial cost benefits. Not the least of these is 259 260 the additional effectiveness of interventions when the knowledge, insights, values, and priorities of 261 disproportionately impacted communities are understood and built into intervention efforts. Although this 262 aspect is rarely assessed in published literature, a 2020 study describes the hundreds of billions of dollars 263 wasted in medical research with a key contributor being limited relevance to communities served.[44] 264 Population health surveys are expensive to conduct and cost-saving strategies often limit the inclusion of 265 populations that are considered small, such as American Indian and Alaska Native (AI/AN) and 266 Multiracial populations. Many studies utilize census data, which are known to have significant flaws with 267 counting some structurally marginalized populations, to develop sampling plans.[10,45,46] The systemic

nature of racism requires us to acknowledge these limitations and consider alternative strategies to adjust for these deficiencies in the near term. Integrating participatory processes within these heavily funded research studies can improve the focus of research to result in clinically- and community-meaningful activities, while also reducing waste.[44,47]

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# 5. Operationalize data equity in Public Health

274 The COVID-19 pandemic demonstrated the limits of the Health Insurance Portability and Accountability Act when emergency exceptions waiving the Privacy Rule resulted in unprecedented 275 276 disclosure of Protected Health Information. The pandemic also brought to light deficiencies in an 277 antiquated data infrastructure, resulting in large investments in modernization efforts and cross-sectoral 278 data-sharing partnerships. Data equity refers to examination and improvement of the ways in which data 279 are collected, analyzed, interpreted, and distributed in the context of health equity; data equity is inherently participatory.[48] Failing to honor data equity in public health practice is counterproductive to 280 281 meaningful social change and can mask existing or emerging inequities. The Urban Indian Health Institute identifies the catastrophic impact of systemic "data genocide and data terrorism that is evident by 282 283 being eliminated in the data and what scarce data is available being used to harm tribal nations and their 284 citizens."[45] Similarly, inequitable data practices result in inaccurate interpretation of available 285 information, resulting in harmful practices, inadequate solutions, and worsening health inequities.[49,50]

286 As health inequities are often connected to historical trauma and prolonged oppression, data 287 equity, including indigenous data governance and data sovereignty, are critical concepts for the public 288 health community to adopt.[51,52] The Intersectionality Framework developed by American Civil Rights 289 advocate and contributing scholar of Critical Race Theory (CRT) Kimberlé Crenshaw is a theoretical 290 framework for understanding how multiple social identities intersect at the micro level of individual experience to reflect interlocking systems of privilege and oppression at the macro social-structural 291 292 level.[26] Intersectionality is critical to operationalize in any data plan because people experiencing the greatest risk for inequities often have multiple social identities that place them at a risk for oppression. 293 294 Racial Justice is a vision and transformation of society to eliminate racial hierarchies and advance collective liberation.[53] A Racial Justice Framework is foundational in all data practices because it is 295 296 impossible to advance health equity and social change without it. Successfully implementing these or 297 similar frameworks for data equity requires a participatory approach inclusive of structurally marginalized communities: communities determine when the goals have been achieved. 298

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# 300 6. Formalize power-sharing and collective control

Power-sharing and collective control have positive impacts on health.[54,55] Public health programs that focus on "empowerment" through unidirectional knowledge sharing are limited by reliance on a deficit-focused understanding of health inequities that overemphasizes individual responsibility and fails to acknowledge or address systemic and structural barriers that result in disempowerment and ongoing health inequities.[56,57] A deficit-focused approach neglects the existence and intersection of resources that are already present in the community.[58] This approach is paternalistic and does not reflect a truly participatory approach to engagement.[55]

Public health institutions can work effectively with other sectors and communities as partners for advancing health and wellbeing.[33] Public health can recruit people with lived experience of being marginalized into leadership positions, including executive-level and other roles that involve decisionmaking and oversight of activities, such as Boards of Directors.[42] Public health practitioners can also seek opportunities to partner with, and support, social movements for equity as foundational to promotion of health equity.[59] Such efforts are cost efficient in supporting and sustaining self-determined objectives and priorities of structurally marginalized communities.[59]

315 Public health research activities involving human subjects are normally overseen by Institutional 316 Review Boards (IRB), with responsibility for ensuring ethical and regulatory compliance. In many public 317 health departments, IRBs also review proposed interventions and evaluation activities. IRBs are an 318 essential part of the public health ecosystem, yet they often have requirements inconsistent with 319 CBPR/CBPP, and lack the ability to identify and assess community-specific concerns around research 320 and data, monitoring and evaluation activities, or interventions, unintentionally placing communities at 321 risk.[60,61] AI/AN communities responded to the inadequacy of many IRBs by establishing Tribal 322 Institutional Review Boards. [62] This approach can be adapted to any community context by establishing 323 Community Research Review Boards (CRRB), an approach that includes training community members to 324 conduct the formal review process of research, monitoring and evaluation activities, and public health 325 interventions.[63,64] Similar to IRBs, CRRBs establish guidelines for activities within their community 326 and have decision-making power on how activities proceed. These CRRBs are made up of individuals 327 with lived experience who represent the community to be studied, including community priorities and 328 concerns when it comes to research. The successful implementation of CRRBs demonstrates feasibility, 329 ethical alignment of research activities, and promotion of community benefit; Community Research 330 Review Boards are an important step towards addressing systemic inequities and long-standing ethical 331 dilemmas in research.[52,63]

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## 333 III. Action Steps to Implement Evidence-Based Strategies

Evidence-based strategies			Action Steps
1	0	1	Integrate community expertise in the public health process.
	experience is expertise	2	Compensate community experts: integrate within budgets, prioritize lived experience consultancies, and identify opportunities to integrate lived expertise into systems.
		3	Integrate a variety of participatory methods to capture unique aspects of lived expertise.
		4	Expand training, credentialing, and career ladder for the lived expertise workforce.
2	based approaches and	1	Prioritize community-defined geographies in place-based public health practice.
	environmental justice	2	Ensure accessibility of place-based activities.
		3	Incorporate environmental justice into the public health process.
3	focused community-	1	Identify, acknowledge, and address power dynamics within a community and historical oppression/injustice.
		2	Co-develop a collaborative decision-making and discussion plan.
		3	Ensure inclusion of intersectional identities, with specific attention towards accessibility.
		4	Utilize structured assessments that include feedback loops, such as Health Equity/Racial Equity Impact Assessments.
4	gaps through CBPR	1	Cultivate public and private support for CBPR that includes planning grants, training, and resources for documentation and evaluation.
	approaches	2	Establish CBPR as the gold standard for health equity advancing research.

		3	Integrate community expertise through multiple modalities throughout the research process; ensure research aims meet community priorities.
		4	Be reflexive about the identities of the research team and account for power dynamics in leadership plan and research design.
		5	Document a collaborative plan for achievement of consensus and conflict resolution.
		6	Include community in data collection and analysis, interpretation of results, and dissemination of findings.
5	Operationalize data equity in public health	1	Build capacity around intersectionality and racial justice; integrate within data management and analysis plans.
		2	Critically review existing data systems for knowledge gaps and to identify populations routinely underrepresented/excluded.
		3	Develop partnerships with identified communities to co-develop novel data streams.
		4	Ensure tools, methods, and approaches are community responsive.
		5	Ensure inclusion of communities in leadership and decision-making when interpreting data to mitigate biases, identify potential knowledge gaps, and center community strengths.
6	Formalize power- sharing and collective	1	Policymakers to engage community-public health partnerships in the process of policymaking and evaluation.
	control	2	Formalize power-sharing and shared leadership between institutional public health staff and community experts.
		3	Facilitate the development of CRRBs; incorporate into IRB workflows.

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# 335 IV. Opposing Arguments

336 Opposing arguments against CBPP in public health exist and are likely to evolve. They include:

338 1) The lack of perceived interest in engagement from communities. Communities that continue to 339 experience health inequities have both historical and present-day lived experience that result in 340 mistrust of public health systems. [65] It is important to consider that although there is no one "right" 341 way to engage the communities we serve, there is potential for missteps: community engagement has 342 historically been deployed to tokenize or exploit communities. Failure to correct missteps can lead to 343 the devaluation of community input, further disenfranchisement, and spread of misinformation. 344 Preventing potential missteps requires addressing the varied opinions that challenge the integration of 345 CBPP approaches, acknowledging the history and current realities of under-resourced communities, 346 political tensions, and socioeconomic inequities that hamper engagement, and being trustworthy, holding central the tenet that authentic community engagement is vital for public health.[19,66,67] 347 348 Additionally, funders, such as the National Institutes of Health, are now requiring or strongly 349 encouraging authentic community engagement.[68]

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351 2) Definition of "community." While evidence is clear that there is immense value in community-level strategies and partnerships, debate on the definition of 'community' can delay, impede, or even 352 353 restrict engagement efforts.[19,32,33] While institutions regularly define "community" based on 354 historic, administrative, or operational boundaries, communities often define themselves based on 355 solidarity or common perspectives which can be difficult to quantify, locate, and even 356 describe.[11,12,25] Public health practitioners must work in partnership with communities to consider 357 community definitions that may challenge historic institutionally-led definitions, which will often 358 require negotiation with and acceptance of ambiguity by institutional leadership.[32,33] Use of fluid 359 and community-driven definitions, and recognizing that communities may be geographic, identitybased, or some combination of these. is essential to effect partnerships.[14] 360

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362 3) Not "evidence-based." Leaders and community members may reject interventions that have not yet 363 been proven by a randomized controlled trial (RCT), despite known limitations of RCTs and costs associated with certifying a practice as "evidence based." [69,70] Limitations in the evidence base for 364 this type of work are plentiful, particularly due to the absence of representation of communities 365 366 experiencing health inequities.[71] Too often studies focus on demonstrating the feasibility or 367 acceptability of evidence derived from RCTs, while ignoring the critical need for evaluation of success, barriers, and consequences to communities. In addition, such approaches may ignore the 368 369 reality that evidence-based programs are organically adapted to be more suitable to the service 370 population, resulting in poor fidelity to the model. As with defining "community," negotiation with

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373 374 4) Insufficient resources. Public health practitioners work within the confines of modest and dwindling 375 resource environments. [72,73] CBPP is thought to be time and resource-intensive, and health 376 departments and CBOs may not have staff to support such projects.[72] At a time when public health 377 funding is under threat, many health departments, elected officials, and CBO leaders may be hesitant 378 to resources in work not seen as mission-critical, or whose gains may not be achieved within a fiscal 379 period or political term. [73,74] While it may be widely understood that there is demonstrable cost benefit in direct investment in in public health, health equity strategies, and in communities, cities and 380 381 states facing fiscal constraints will inevitably direct resources towards low-resource solutions with 382 shorter-term gains. [73,74] Increased engagement in CBPP may, over time, lead to innovations that 383 reduce resource intensity. [25,74] However, institutional leadership must be careful to avoid quick-384 win solutions that lack long-term sustainability and results; the long-term costs of growing health 385 inequities, ineffective interventions, and increasing mistrust outweigh the relatively small upfront 386 investment often required by participatory approaches.[73-75] In fact, with the increasing adoption of 387 online and virtual participatory strategies, resource limitations are becoming less of a concern.

institutional leadership may be required to implement CBPP, especially when working to implement

community-led and community-derived programs that may not yet have a robust evidence base.[68]

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Although truly participatory community engagement takes resources, time, effort and forethought on the part of all parties involved, it is never too late to initiate.[16] Public health is ultimately about people, not necessarily credentialed scientists, politicians, or academic institutions. We cannot afford to leave people and their communities out of the equation.[25]

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