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**Addressing Ethnoracial Disparities in Mental Health Risk, Assessment, and Service Delivery**

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References

Adeponle, A. B., Thombs, B. D., Groleau, D., Jarvis, E., & Kirmayer, L. J. (2012). Using the cultural formulation to resolve uncertainty in diagnoses of psychosis among ethnoculturally diverse patients. *Psychiatric Services*, *63*(2), 147-153.

Aggarwal, N. K., Cedeno, K., & Lewis-Fernandez, R. (2020). Patient and clinician communication practices during the DSM-5 cultural formulation interview field trial. *Anthropology & Medicine*, 27(2), 192-211.

Aggarwal, N. K., Jarvis, G. E., Gómez-Carrillo, A., Kirmayer, L. J., & Lewis-Fernández, R. (2020). The Cultural Formulation Interview since DSM-5: Prospects for training, research, and clinical practice. *Transcultural Psychiatry*, 57(4), 496-514.

Aggarwal, N. K., Pieh, M. C., Dixon, L., Guarnaccia, P., Alegria, M., & Lewis-Fernandez, R. (2016). Clinician descriptions of communication strategies to improve treatment engagement by racial/ethnic minorities in mental health services: a systematic review. *Patient education and counseling*, 99(2), 198-209.

Aguilera, A., Bruehlman-Senecal, E., Demasi, O., & Avila, P. (2017). Automated text messaging as an adjunct to cognitive behavioral therapy for depression: a clinical trial. *Journal of medical Internet research,* 19(5), e148.

Agurs-Collins, T., Persky, S., Paskett, E. D., Barkin, S. L., Meissner, H. I., Nansel, T. R., ... & Farhat, T. (2019). Designing and assessing multilevel interventions to improve minority health and reduce health disparities. *American Journal of Public Health*, 109(S1), S86-S93.

Alegria, M., Nakash, O., Johnson, K., Ault-Brutus, A., Carson, N., Fillbrunn, M., ... & Shrout, P. E. (2018). Effectiveness of the decide interventions on shared decision making and perceived quality of care in behavioral health with multicultural patients: a randomized clinical trial. *JAMA Psychiatry*, 75(4), 325-335.

Alegría, M., & McGuire, T. (2003). Rethinking a universal framework in the psychiatric symptom-disorder relationship. *Journal of Health and Social Behavior*, 257-274.

Alegría, M., Carson, N., Flores, M., Li, X., Shi, P., Lessios, A. S., ... & Shrout, P. E. (2014). Activation, self-management, engagement, and retention in behavioral health care: a randomized clinical trial of the DECIDE intervention. *JAMA Psychiatry*, 71(5), 557-565.

Alegría, M., Molina, K. M., & Chen, C. N. (2014). Neighborhood characteristics and differential risk for depressive and anxiety disorders across racial/ethnic groups in the United States. *Depression and Anxiety*, 31(1), 27-37.

Alegría, M., Polo, A., Gao, S., Santana, L., Rothstein, D., Jimenez, A., ... & Normand, S. L. (2008). Evaluation of a patient activation and empowerment intervention in mental health care. *Medical Care*, 46(3), 247.

Alegría, M., Álvarez, K., & DiMarzio, K. (2017). Immigration and mental health. *Current epidemiology reports*, 4(2), 145-155.

American Psychiatric Association (in press). Diagnostic and Statistical Manual, 5th edition, Text Revision. Washington DC: American Psychiatric Publishing, Inc.

Anderson, L. M., Adeney, K. L., Shinn, C., Safranek, S., Buckner‐Brown, J., & Krause, L. K. (2015). Community coalition‐driven interventions to reduce health disparities among racial and ethnic minority populations. *Cochrane Database of Systematic Reviews*, 6.

Arevian, A. C., Jones, F., Tang, L., Sherbourne, C. D., Jones, L., Miranda, J., & Community Partners in Care Writing Group. (2019). Depression remission from community coalitions versus individual program support for services: findings from Community Partners in Care, Los Angeles, California, 2010–2016. *American Journal of Public Health*, 109(S3), S205-S213.

Bauer, G. R., Churchill, S. M., Mahendran, M., Walwyn, C., Lizotte, D., & Villa-Rueda, A. A. (2021). Intersectionality in quantitative research: A systematic review of its emergence and applications of theory and methods. *SSM-population health*, 100798.

Bazemore, G., & Schiff, M. (2015). Restorative community justice: Repairing harm and transforming communities. Routledge.

Bourgois, P., Holmes, S. M., Sue, K., & Quesada, J. (2017). Structural vulnerability: operationalizing the concept to address health disparities in clinical care. *Academic medicine: journal of the Association of American Medical Colleges*, *92*(3), 299.

Brown, A. F., Ma, G. X., Miranda, J., Eng, E., Castille, D., Brockie, T., ... & Trinh-Shevrin, C. (2019). Structural interventions to reduce and eliminate health disparities. *American Journal of Public Health,* 109(S1), S72-S78.

Brown, R., Hailu, E. M., Needham, B. L., Roux, A. D., Seeman, T. E., Lin, J., & Mujahid, M. S. (2021). Neighborhood social environment and changes in leukocyte telomere length: The Multi-Ethnic Study of Atherosclerosis (MESA). *Health & Place*, 67, 102488.

Bruehlman-Senecal, E., Aguilera, A., & Schueller, S. M. (2017). Mobile phone–based mood ratings prospectively predict psychotherapy attendance. *Behavior Therapy*, 48(5), 614-623.

Castillo, E. G., Ijadi-Maghsoodi, R., Shadravan, S., Moore, E., Mensah, M. O., Docherty, M., ... & Wells, K. B. (2019). Community interventions to promote mental health and social equity. *Current Psychiatry Reports*, 21(5), 1-14.

Centers for Disease Control and Prevention [CDC] (2020).

Crenshaw, K. (2018). Demarginalizing the intersection of race and sex: A Black feminist critique of antidiscrimination doctrine, feminist theory, and antiracist politics [1989] (pp. 57-80). Routledge.

DeSilva, R., Aggarwal, N. K., & Lewis-Fernández, R. (2018). The DSM-5 Cultural Formulation Interview: bridging barriers toward a clinically integrated cultural assessment in psychiatry. *Psychiatric Annals*, 48(3), 154-159.

Díaz, E., Añez, L. M., Silva, M., Paris, M., & Davidson, L. (2017). Using the Cultural Formulation Interview to build culturally sensitive services. *Psychiatric Services*, *68*(2), 112-114.

Do, D. P., Locklar, L. R., & Florsheim, P. (2019). Triple jeopardy: The joint impact of racial segregation and neighborhood poverty on the mental health of black Americans. *Social Psychiatry and Psychiatric Epidemiology*, 54(5), 533-541.

Elbogen, E. B., Lanier, M., Montgomery, A. E., Strickland, S., Wagner, H. R., & Tsai, J. (2020). Financial strain and suicide attempts in a nationally representative sample of US adults. *American Journal of Epidemiology*, 189(11), 1266-1274.

FitzGerald, C., Martin, A., Berner, D., & Hurst, S. (2019). Interventions designed to reduce implicit prejudices and implicit stereotypes in real world contexts: a systematic review. *BMC Psychology*, 7(1), 1-12.

Gee, G. C., Walsemann, K. M., & Brondolo, E. (2012). A life course perspective on how racism may be related to health inequities. *American Journal of Public Health*, 102(5), 967-974.

Goldman-Mellor, S., Margerison-Zilko, C., Allen, K., & Cerda, M. (2016). Perceived and objectively-measured neighborhood violence and adolescent psychological distress. *Journal of Urban Health*, 93(5), 758-769.

Goodwin, L., Gazard, B., Aschan, L., MacCrimmon, S., Hotopf, M., & Hatch, S. L. (2018). Taking an intersectional approach to define latent classes of socioeconomic status, ethnicity and migration status for psychiatric epidemiological research. *Epidemiology and Psychiatric Sciences*, 27(6), 589-600.

Guidi, J., Lucente, M., Sonino, N., & Fava, G. A. (2021). Allostatic load and its impact on health: a systematic review. *Psychotherapy and Psychosomatics*, 90(1), 11-27.

Gusler, S., Guler, J., Petrie, R., Marshall, H., Cooley, D., & Jackson, Y. (2021). Adversity interpreted: a scoping review of adversity appraisal measurement. *Trauma, Violence, & Abuse,* 1524838020985544.

Hamilton, C. M., Strader, L. C., Pratt, J. G., Maiese, D., Hendershot, T., Kwok, R. K., ... & Haines, J. (2011). The PhenX Toolkit: get the most from your measures. *American Journal of Epidemiology*, *174*(3), 253-260.

Hankerson, S. H., & Weissman, M. M. (2012). Church-based health programs for mental disorders among African Americans: A review. *Psychiatric Services*, 63(3), 243-249.

Hankerson, S. H., Lee, Y. A., Brawley, D. K., Braswell, K., Wickramaratne, P. J., & Weissman, M. M. (2015). Screening for depression in African-American churches. *American Journal of Preventive Medicine*, 49(4), 526-533.

Hankerson, S. H., Wells, K., Sullivan, M. A., Johnson, J., Smith, L., Crayton, L. S., ... & Jones, L. (2018). Partnering with African American churches to create a community coalition for mental health. *Ethnicity & Disease*, 28(Suppl 2), 467.

Hargrove, T. W., Halpern, C. T., Gaydosh, L., Hussey, J. M., Whitsel, E. A., Dole, N., ... & Harris, K. M. (2020). Race/ethnicity, gender, and trajectories of depressive symptoms across early-and mid-life among the add health cohort. *Journal of Racial and Ethnic Health Disparities*, 7(4), 619-629.

Howard, J. A., & Renfrow, D. G. (2014). Intersectionality. In Handbook of the social psychology of inequality (pp. 95-121). Springer, Dordrecht.

Jackson, J. W. (2017). Explaining intersectionality through description, counterfactual thinking, and mediation analysis. *Social Psychiatry and Psychiatric Epidemiology*, 52(7), 785-793.

Jiménez-Solomon, O. G., Méndez-Bustos, P., Swarbrick, M., Díaz, S., Silva, S., Kelley, M., ... & Lewis-Fernández, R. (2016). Peer-supported economic empowerment: A financial wellness intervention framework for people with psychiatric disabilities. *Psychiatric Rehabilitation Journal*, 39(3), 222.

Joo, J. Y., & Liu, M. F. (2020). Culturally tailored interventions for ethnic minorities: A scoping review. *Nursing Open.*

Kirmayer, L. J., & Ramstead, M. J. (2017). 20 Embodiment and Enactment in Cultural Psychiatry. Embodiment, enaction, and culture: Investigating the constitution of the shared world, 397.

Lazarus, R. S., & Folkman, S. (1984). Stress, appraisal, and coping. Springer Publishing Co.

Leu, J., Yen, I. H., Gansky, S. A., Walton, E., Adler, N. E., & Takeuchi, D. T. (2008). The association between subjective social status and mental health among Asian immigrants: Investigating the influence of age at immigration. *Social Science & Medicine*, 66(5), 1152-1164.

Lewis-Fernández, R., Aggarwal, N. K., Hinton, L., Hinton, D. E., & Kirmayer, L. J. (Eds.). (2016). DSM-5 handbook on the cultural formulation interview. American Psychiatric Publishing, Inc.

Lewis-Fernández, R., & Kirmayer, L. J. (2019). Cultural concepts of distress and psychiatric disorders: Understanding symptom experience and expression in context. *Transcultural Psychiatry*, 56(4), 786-803.

Lewis-Fernández, R., Aggarwal, N. K., Lam, P. C., Galfalvy, H., Weiss, M. G., Kirmayer, L. J., ... & Vega-Dienstmaier, J. M. (2017). Feasibility, acceptability and clinical utility of the Cultural Formulation Interview: mixed-methods results from the DSM-5 international field trial. *The British Journal of Psychiatry*, 210(4), 290-297.

Maina, I. W., Belton, T. D., Ginzberg, S., Singh, A., & Johnson, T. J. (2018). A decade of studying implicit racial/ethnic bias in healthcare providers using the implicit association test. *Social Science & Medicine*, 199, 219-229.

McNally, R. J. (2016). Can network analysis transform psychopathology? *Behaviour Research and Therapy*, 86, 95-104.

Merino, Y., Adams, L., & Hall, W. J. (2018). Implicit bias and mental health professionals: Priorities and directions for research.

Merton, Robert K. (1968) Social Theory and Social Structure. New York: The Free Press

Metzl, J. M., & Hansen, H. (2014). Structural competency: theorizing a new medical engagement with stigma and inequality. *Social Science & Medicine*, 103, 126-133.

Mills, S., Xiao, A. Q., Wolitzky-Taylor, K., Lim, R., & Lu, F. G. (2017). Training on the DSM-5 Cultural Formulation Interview improves cultural competence in general psychiatry residents: a pilot study. *Transcultural Psychiatry*, *54*(2), 179-191.

Mitchell, U. A., Chebli, P. G., Ruggiero, L., & Muramatsu, N. (2019). The digital divide in health-related technology use: The significance of race/ethnicity. *The Gerontologist*, 59(1), 6-14.

Molock, S. D., Matlin, S., Barksdale, C., Puri, R., & Lyles, J. (2008). Developing suicide prevention programs for African American youth in African American churches. *Suicide and Life-Threatening Behavior,* 38(3), 323-333.

National Healthcare Quality and Disparities Report (2019). Agency for Healthcare Research and Quality, Rockville, MD. https://www.ahrq.gov/research/findings/nhqrdr/nhqdr19/index.html

National Institute of Mental Health [NIMH] (2020).

National Institute of Minority Health and Health Disparities [NIMHD] (2018). U.S. Department of Health and Human Services.

Paralikar, V. P., Deshmukh, A., & Weiss, M. G. (2020). Qualitative analysis of Cultural Formulation Interview: Findings and implications for revising the Outline for Cultural Formulation. *Transcultural Psychiatry*, *57*(4), 525-541.

Ralston, A. L., Andrews III, A. R., & Hope, D. A. (2019). Fulfilling the promise of mental health technology to reduce public health disparities: Review and research agenda. *Clinical Psychology: Science and Practice*, 26(1), e12277.

Richardson, L. J., & Brown, T. H. (2016). (En) gendering racial disparities in health trajectories: A life course and intersectional analysis. *SSM-population health*, 2, 425-435.

Sarkar, U., Gourley, G. I., Lyles, C. R., Tieu, L., Clarity, C., Newmark, L., ... & Bates, D. W. (2016). Usability of commercially available mobile applications for diverse patients. *Journal of General Internal Medicine*, 31(12), 1417-1426.

Scott, S. B., Munoz, E., Mogle, J. A., Gamaldo, A. A., Smyth, J. M., Almeida, D. M., & Sliwinski, M. J. (2018). Perceived neighborhood characteristics predict severity and emotional response to daily stressors. *Social Science & Medicine*, 200, 262-270.

Shim, R., Koplan, C., Langheim, F. J., Manseau, M. W., Powers, R. A., & Compton, M. T. (2014). The social determinants of mental health: An overview and call to action. *Psychiatric Annals,* 44(1), 22-26.

Smedley, B. D., & Myers, H. F. (2014). Conceptual and methodological challenges for health disparities research and their policy implications. *Journal of Social Issues*, 70(2), 382-391.

Substance Abuse and Mental Health Services Administration [SAMHSA] (2020).

Supplee, L. H., Kelly, B. C., MacKinnon, D. M., & Barofsky, M. Y. (2013). Introduction to the special issue: Subgroup analysis in prevention and intervention research. *Prevention Science*, 14(2), 107-110.

The COVID Tracking Project (2020). The Atlantic.

Thornton, R. L., Glover, C. M., Cené, C. W., Glik, D. C., Henderson, J. A., & Williams, D. R. (2016). Evaluating strategies for reducing health disparities by addressing the social determinants of health. *Health Affairs*, 35(8), 1416-1423.

Torres-Ruiz, M., Robinson-Ector, K., Attinson, D., Trotter, J., Anise, A., & Clauser, S. (2018). A portfolio analysis of culturally tailored trials to address health and healthcare disparities. *International Journal of Environmental Research and Public Health*, 15(9), 1859.

Vilsaint, C. L., NeMoyer, A., Fillbrunn, M., Sadikova, E., Kessler, R. C., Sampson, N. A., ... & Alegría, M. (2019). Racial/ethnic differences in 12-month prevalence and persistence of mood, anxiety, and substance use disorders: Variation by nativity and socioeconomic status. *Comprehensive Psychiatry*, 89, 52-60.

Wells, K. B., Jones, L., Chung, B., Dixon, E. L., Tang, L., Gilmore, J., Sherbourne, C., Ngo, V. K., Ong, M. K., Stockdale, S., Ramos, E., Belin, T. R., & Miranda, J. (2013). Community-partnered cluster-randomized comparative effectiveness trial of community engagement and planning or resources for services to address depression disparities. *Journal of General Internal Medicine*, 28(10), 1268–1278.

Williams, D. R. (2018). Stress and the mental health of populations of color: Advancing our understanding of race-related stressors. *Journal of Health and Social Behavior*, 59(4), 466-485.

Williams, D. R., & Collins, C. (2016). Racial residential segregation: a fundamental cause of racial disparities in health. Public health reports.

World Health Organization [WHO] (2010). A conceptual framework for action on the Social Determinants of Health. Geneva, Switzerland.

Zandi, T., Havenaar, J. M., Laan, W., Kahn, R. S., & van den Brink, W. (2011). Predictive validity of a culturally informed diagnosis of schizophrenia: A 30-month follow-up study with first episode psychosis. *Schizophrenia Research*, 133(1-3), 29-35.

Zandi, T., Havenaar, J. M., Limburg-Okken, A. G., Van Es, H., Sidali, S., Kadri, N., ... & Kahn, R. S. (2008). The need for culture sensitive diagnostic procedures. *Social Psychiatry and Psychiatric Epidemiology,* 43(3), 244-250.

Zandi, T., Havenaar, J. M., Smits, M., Limburg-Okken, A. G., Van Es, H., Cahn, W., ... & Van Den Brink, W. (2010). First contact incidence of psychotic disorders among native Dutch and Moroccan immigrants in the Netherlands: influence of diagnostic bias. *Schizophrenia Research*, 119(1-3), 27-33.

Zolnierek, K. B. H., & DiMatteo, M. R. (2009). Physician communication and patient adherence to treatment: a meta-analysis. *Medical Care*, 47(8), 826.