2024 ACHA "Hot Topics" Newsletter

To: ACHA Membership

Date: February 2024

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Introduction

2023 was the inaugural year of the ACHA "Hot Topics," shared initially by way of a Newsletter, and complimented by the Town Hall discussion in the fall 2023. This 2024 newsletter has been created by the ACHA's Continuing Competency Committee (CCC) to help the ACHA membership stay current with the latest trends and newest ideas in healthcare planning and design. This newsletter is intended to highlight the relevant topic, as well as a few resources (e.g.: articles, presentations, conferences, and research) that can support continuous learning around that topic. The supporting 2024 Town Hall discussion will be on May 15, 2024.

HOT for 2024

Health Equity and Health Design

When contemplating forces currently influencing Healthcare Design, it is hard not to consider Health Equity. The discussion inherently involves health-related diversity, equity and inclusion (DEI). The DEI emphasis has impacted many aspects of our communities, from the use of technology, to shifts in the work force demographics, to changes to how we work, knowledge share and collaborate. As Healthcare architects and designers, we strive to make a positive contribution to healing, from the processes engaged to pursue responsive design to the built products that live on and adapt to our clients, staff and patients. An enhanced understanding of health equity and its impact on health design is key to orchestrating design processes that yield effective solutions.

To help advance DEI discussions (directly or indirectly) when our ACHA membership is serving clients, we have compiled this brief reading list to support exploration into the topic. Please review the following articles with that in mind, as well as share new and additional resources for others to review.

Over the course of the year, information will be added to this list from your feedback or the input of others. In addition, look for the 2024 Master's Series presentations to embrace this topic, as well as the May 2024 ACHA Town Hall, which will have a HOT TOPICS focus, and the following guest speakers:

Tammy Thompson-	President, Institute for Patient-Centered Design; Director of Experience Engagement, Education & Design, ECU Health Adjunct Faculty, North Carolina A&T State University)
Troy Savage -	Associate/Project Manager, Mazzetti
Taft Cleveland -	Associate/Healthcare Planner, Smith Group

Your feedback on this content is encouraged. Which articles were most informative or shared a unique perspective? Let us know. Also, if you have articles or other resources to recommend, please share and we will fold them into this source to benefit others (see sub-committee members noted below). We look forward to hearing from you.

Feel free to share your thoughts and added resources with the Continuing Competency Committee sub-committee members: **Jodi Feldheim** (jodi.feldheim@hdrinc.com), **Dan Rectenwald** (djrectenwald61@gmail.com), **Mardelle Shepley**(mshepley@cornell.edu) or **Thane Eddington** (thane@pkaarchitects.com).

Overview of Articles

- ## *General – articles that introduce aspects of the topic*

  Steele, Jeffery (2021). Architecture Has a Diversity Issue; Forbes publication. June 23, 2021; https://www.forbes.com/sites/jeffsteele/2021/06/23/architecture-has-a-diversity-issue/?sh=3f3f19a95d20

  American Hospital Association (2022). Strengthening the Health Care Workforce- Strategies Near and Far (Chapter 7: Diversity and Inclusion https://www.aha.org/system/files/media/file/2022/09/Strengthening-the-Health- Care-   Workforce-Complete-20220909.pdf

- ## *Disability and Diversity- articles with an emphasis on understanding diversity in the workplace and beyond*

  Care, I. P. (2016). Building a Culture of Inclusion. https://www.researchgate.net/profile/Paula-Brown-12/publication/286219885_Building_a_Culture_of_Inclusion_Disability_as_Opportunity_forOrganizational_Growth_and_Improving_Patient_Care/links/56b4f8ea08ae5ad360577bad/Building-a-Culture-of-Inclusion-Disability-as-Opportunity-for-Organizational-Growth-and- Improving-Patient-Care.pdf

  Iakovou, K., Tsoukala, K. Y. R. I. A. K. I., & Tsolaki, M. A. G. D. A. (2019). Architecture as a means for social inclusion for people with dementia. In *Archdesign'19. VI International architectural design conference proceedings* (pp. 121 -134) https://books.google.com/books?hl=en&lr=&id=0A79DwAAQBAJ&oi=fnd&pg=PA121&dq=architecture+diversity+and+inclusion+healthcare&ots=eK1Lxb6VDF&sig=3k5Zhfeqnkkt8gfnHU9uAstL6Qc#v=onepage&q=architecture%20diversity%20and%20inclusion%20healthcare&f=false

  Liao, Alice (2019). Increasing Diversity in Architecture: Barriers to Entry .Architect Magazine Publication. May 13, 2019 Increasing Diversity & Inclusion in Architecture: Barriers to Entry (Architect Magazine) hhttps://pagepro.mydigitalpublication.com/publication/?i=588551&article_id=3381688&view= article Browser

  U.S. Department of Health & Human Services. Disability and Health Inclusion Strategies. https://www.cdc.gov/ncbddd/disabilityandhealth/disability-strategies.html

  Zallio, Matteo and Clarkson, P. John (2022). The Inclusion, Diversity, Equity and Accessibility audit. A post-   occupancy evaluation method to help design the buildings of tomorrow. *Building and Environment,* Volume 217, June 2022 https://www.sciencedirect.com/science/article/pii/S0360132322002979

- ## *Participatory Design- articles with and emphasis on guiding the design process*

  Berry, Leonard L., Letchuman, Sunjay, Khaldun, Joneigh, and Hole, Michael (2023) How Hospitals Improve Health Equity Through Community-Centered Innovation *https://catalyst.nejm.org/doi/full/10.1056/CAT.22.0329*

  Mdakane, D. T. (2008). *The role of architecture in the development of indigenous and biomedical collaborative healthcare facilities: designing a joint indigenous and biomedical healthcare centre for Durban* (Doctoral dissertation).

https://ukznspace.ukzn.ac.za/bitstream/handle/10413/9403/Mdakane_Dumisani_Talent_2008.pdf?sequence=1&isAllowed=y

Sandholdt, C. T., Cunningham, J., Westendorp, R. G., & Kristiansen, M. (2020). Towards inclusive healthcare delivery: potentials and challenges of human-centered design in health innovation processes to increase healthy aging. *International Journal of Environmental Research and Public Health*, *17*(12), 4551. https://www.mdpi.com/1660-4601/17/12/4551

Jolley, Chandra Emanuel, DNP, BA, RN Commander, US Public Health Service and Peck, Jessica L, DNP, APRN, CPNP-PC, CNE, CNL, FAANP, FAAN (2022). Diversity, Equity, & Inclusion Policies of National Nursing Organizations*. The Online Journal of Issues in Nursing,* Volume 27 - 2022 Number 2: May 2022 https://ojin.nursingworld.org/table-of-contents/volume-27-2022/number-2-may-2022/diversity- equity--inclusion-policies-of-national-nursing-organizations/

Piatkiwski, Melissa (2022). Call to Action: DEI in Healthcare Design. In *Healthcare Design, May 6, 2022.* *https://healthcaredesignmagazine.com/trends/perspectives/call-to-action/*

Franklin, Joseph B, Huang, Erich S., Mega, Jessica L., Abernethy, Amy P (2022). Diversity, Equity, and Inclusion in Clinical Research: A Path Toward Precision Health for Everyone. *The American Society of Clinical Pharmacology and Therapeutics*. Volume 113, Issue 3, March 2023, pages 575-584 (first published online on November 24, 2022)   *https://ascpt.onlinelibrary.wiley.com/doi/10.1002/cpt.2804*

- ***Universal Design-   articles with a broader overview of the design process, inclusion in design and/or best practices***

Garofolo, I. (2022, September). Designing Hospitals Through the Lens of Universal Design. An Evaluation Tool to Enhance Inclusive Healthcare Facilities. In *Transforming Our World Through Universal Design for Human Development: Proceedings of the Sixth International Conference on Universal Design (UD2022)* (Vol. 297, p. 331). IOS Press. *https://books.google.com/books?hl=en&lr=&id=7JGREAAAQBAJ&oi=fnd&pg=PA331&dq=architecture+diversity+and+inclusion+healthcare+facility&ots=SuJ5wPEBRC&sig=srbMXcktmd49MPVkOjxYYhxiypo#v=onepage&q=architecture%20diversity%20and%20inclusion%20healthcare%20facility&f=false*

Mosca, E. I., Steinfeld, E., & Capolongo, S. (2020). Universal Design assessment tool to promote well-being and inclusion in healthcare environment. *European Journal of Public Health*, *30* (Supplement_5), ckaa165-589. *https://watermark.silverchair.com/ckaa165.589.pdf?token=AQECAHi208BE49Ooan9kkhW_Ercy7Dm3ZL_9Cf3qfKAc485ysgAAA5UwggORBgkqhkiG9w0BBwaggOCMIIDfgIBADCCA3cGCSqGSIb3DQEHATAeBglghkgBZQMEAS4wEQQMvOnTchhPIIXk0llHAgEQgIIDSHVPlQB_oE1aaWkcEndnlrNhWqRY2jyN_aV27lsd_h20dW53wO_m0n8aRAcTQYk7CQtOe9O_0ml2YPuv43sa9neuw4UPmPdZsiyU8qA2U0wbWetKV3ifwtvl_cDEQPSvQND1fQDgDzMnTyyuWPQaTlghjd3v1dFvaBlkifOHMQEDF0gkX04e8T0GyClk6FFl0Iav9bT9JJMw5ygLRQqYmie3RFl_UrmGRpcWxvvuCoZOkms4OAVyfFLJBU2AaI2qOeDk6BgdJsochjPQN-JEXDYYm22-RPymyCdrZsqjEscB8BfcPDIF-GJNIZ5R_zUcF2Ki0w_AZHaoD7TI_eihPiXj6AGdFzzN6c34tmvm6gCt7NtQLDaxR0LggZ_xvkM1toTIYdEl09KDlfPDmLuGqP-ze_gQtKQYIy9QCa4Q5lCQKYbGel-B0FQPFIp7fZSEwe4vwN4cyzdN06K_puPlRQtXr8li1y7KsAsS47nRr6aYULYWSc3BC80BiyKWaSSkQ90GQhYf_5A_IG-*

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xPmXFxGnxpOc-5eAtWLsZ-fUs4cFuRjSLtrGg51C5rnqFrTXSnQLEIp6_MespM-cg*

Zallio, Matteo (2023). A study to depict challenges and opportunities building industry professionals face when designing inclusive and accessible buildings. Taylor & Francis Online. November 1, 2023   *Full article: A study to depict challenges and opportunities building industry professionals face when designing inclusive and accessible buildings (tandfonline.com)*
https://www.tandfonline.com/doi/full/10.1080/00038628.2023.2270983?src=exp-la

- ### *Wellness Equity- articles with a broad focus and an emphasis on wellness*

American Hospital Association Institute for Diversity and Health Equity. The Health Equity Roadmap.
https://equity.aha.org/

The Center for Health Design. The State of the Healthcare Design Industry: Perspectives on Health Equity and Wellness.
https://www.healthdesign.org/insights-solutions/state-healthcare-design-industry-perspectives-health-equity-and-wellness

Harris, E., Franz, A., & O'Hara, S. (2023). Promoting Social Equity and Building Resilience through Value-Inclusive Design. *Buildings*, *13*(8), 2081. *https://www.mdpi.com/2075-5309/13/8/2081*

Lanteigne, V. A., Rider, T. R., & Stratton, P. A. Advancing health equity through inclusive design. Environments By Design: Health, Wellbeing And Place. AMPS Health and Design Network
https://www.swinter.com/wp-content/uploads/AMPS-Article-Advancing-Health-Equity-Through-Inclusive-Design.pdf

Marques, B., McIntosh, J., & Kershaw, C. (2021). Therapeutic environments as a catalyst for health, well-being and social equity. *Landscape Research*, *46*(6), 766-781.
https://openaccess.wgtn.ac.nz/articles/journal_contribution/Therapeutic_environments_as_a_catalyst_for_health_well-being_and_social_equity/14450001/1/files/27642684.pdf

University of Cambridge (2024). Exploring the Challenges Faced by Architectural Design Practitioners in Embracing Inclusive Design   Techxplore.com. January 1, 2024
https://techxplore.com/news/2024-01-exploring-architectural-practitioners-embracing-inclusive.html#:~:text=Key%20factors%20hindering%20the%20widespread,highlighted%20to%20influence%20clients%20positively.

END of LIST *(so far….)*

Feel free to share your thoughts and added resources with the Continuing Competency Committee sub-committee members: **Jodi Feldheim** (jodi.feldheim@hdrinc.com), **Dan Rectenwald** (djrectenwald61@gmail.com), **Mardelle Shepley**(mshepley@cornell.edu) or **Thane Eddington** (thane@pkaarchitects.com).