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# Table 8 - Concept mapping to understand how work impacts health at the community level

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 11:30 AM - 1:00 PM
 <i>San Diego Convention Center - 31AB</i>

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**Session:** [Occupational Health & Safety Education and Training Roundtable](#)

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## Abstract

Introduction Community residents' perceptions on how work impacts health is largely unknown. The Greater Lawndale Healthy Work (GLHW) Project, in the UIC Center for Healthy Work (a NIOSH Total Worker Health® Center), used concept mapping, a mixed methods approach, as a mechanism to engage community members in developing a shared understanding of how work impacts health, at the community level, in two communities with high levels of precarious employment. Methods We recruited 138 participants in two high-hardship Chicago communities to brainstorm how work impacts their health. After reduction to 55 items, another 151 participants sorted items into piles "that made sense to them" and rated each item on prevalence and impact in the community. Software that pairs cluster analysis and hierarchical modeling with graphics production was used to aid in data display. A participatory process was used to direct analysis and interpretation of the data. Results The final map includes 11 clusters, with each cluster labeled in a way that reflects the items in the cluster. These clusters were further grouped into three general concepts-- healthy work, structural injustices, and workplace injustices. Residents identified characteristics of healthy work but consider them not very prevalent and without much impact on health in the community. Violation of workers' and human rights are not as prevalent but are perceived to have high impact on health. Residents report the impact of structural injustices and violation of rights result in physical and emotional stress. Findings from this CBPR study will guide community-identified interventions.

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## Authors

[Lorraine M Conroy](#)

[Jennifer Hebert-Beirne](#)

University of  
Illinois at Chicago

[Alisa Velonis](#)

University of  
Illinois at Chicago

[Dolores Castaneda](#)

University of  
Illinois at Chicago  
School of Public  
Health

[Suzanne Zoheri](#)

St. Anthony  
Hospital- Chicago

[Yvette Castañeda](#)

University of  
Illinois at Urbana  
Champaign

[Melissa Chrusfield](#)

University of  
Illinois at Chicago

[Linda Forst](#)

University of  
Illinois at Chicago

[Kathleen Rospenda](#)

University of  
Illinois at Chicago

University of Illinois at Chicago

[Natalie Merrick](#)

University of  
Illinois at Chicago

[Adlaide Holloway](#)

Sinai Urban  
Health Institute

[Maria Velazquez](#)

Telpochcalli  
Community  
Education  
Project

[Teresa Berumen](#)

St. Anthony  
Hospital- Chicago

[Patricia Pereda](#)

Telpochcalli  
Community  
Education  
Project

[Preethi Pratap](#)

University of  
Illinois at Chicago

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## Learning Areas

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## Learning Objectives

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Describe how work impacts health of individual workers but also impacts health at the community level Discuss work as a structural and social determinant of health

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## Keyword(s)

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Underserved Populations, Community-Based Partnership & Collaboration

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