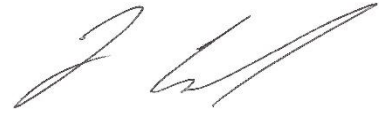


JASON T. CARBONE, PhD, MSW

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August 3, 2020

Wayne State University
Integrative Biosciences (IBio) Center
6135 Woodward Ave, Rm 119
Detroit, MI 48202

RESEARCH INTERESTS

The overarching theme of my research is to study the social, behavioral, and biological determinants of physical and mental health with an orientation towards communities. By focusing on the reciprocal relationship between individuals and the communities in which they live, I strive to fuse social epidemiological methods with social work practice to develop effective, evidence-based, community-level interventions that target social determinants of health (SDoH). More specifically, my research is linked to three broad and interrelated questions:

- 1) How do stressors, stress processing, and coping from an allostatic load perspective of biological dysregulation affect health outcomes?
- 2) How do neighborhood and community specific social relationships (e.g., collective efficacy, social capital, collective action), conditions of the built-environment, and neighborhood perceptions impact health and well-being outcomes?
- 3) How can big data along with advanced analytics and statistical methodologies be leverage to better understand and address SDoH and health disparities?

EDUCATION

- | | |
|-----------|--|
| 2016-2019 | Doctor of Philosophy in Social Work
<i>Graduate Minor in Research Methodology</i>
Saint Louis University
College for Public Health and Social Justice
School of Social Work |
| 2005-2006 | Master of Social Work
<i>Concentration in Social and Economic Development</i>
Washington University in St. Louis
Brown School of Social Work |
| 2001-2005 | Bachelor of Science in Social Work and Psychology
<i>Minor in Criminal Justice</i>
<i>Completion of the General Honors Program</i>
State University of New York at Plattsburgh |

ACADEMIC APPOINTMENTS

2019-Present	Assistant Professor School of Social Work Wayne State University	Detroit, Michigan
2019-Present	Director of Research Activity Office for Community Engaged Research (OCEnR) Translational Science and Clinical Research Innovation Initiative Integrative Biosciences (IBio) Center Wayne State University	Detroit, Michigan
Spring/Summer 2019	Adjunct Faculty Member Graduate School of Social Services Fordham University	New York, New York
Summer 2017/ 2018	Learning Lab Instructor Summer at SLU Program in Global Public Health Saint Louis University	Saint Louis, Missouri
2011-2016	Adjunct Assistant Professor School of Social Work College for Public Health and Social Justice Saint Louis University	Saint Louis, Missouri
2008-2012	Adjunct Faculty Member Brown School of Social Work Washington University in St. Louis	Saint Louis, Missouri

FUNDING UNDER REVIEW

Interpersonal Relationships and Substance Craving: An Ecological Assessment.
Funder: National Institutes of Health.
Role: Co-investigator (PI: Suzanne Brown)
Submission Date: March, 2020
Amount: \$1,783,696

UNFUNDED APPLICATIONS

AI Institute: Planning: Rethinking and redefining social determinants of health for promoting public health in AI era.
Funder: National Science Foundation.
Role: Co-principal investigator (with Dongxiao, Z., computer science; Tsveti, M., medicine; Ramona, B., nursing; Levy, P.D, medicine)
Submission Date: January, 2020.
Amount: \$499,964.
Panel Recommendation: Competitive

Assessing the Post-Recovery Effects of Covid-19 Infection and Stress on Cardiovascular Health Among First Responders and Frontline Health Care Workers

Funder: American Heart Association

Role: Co-investigator (PI: Levy, P.D.)

Submission Date: April, 2020

Amount: \$100,000

PEER-REVIEWED PUBLICATIONS

20. **Carbone, J. T.** (In Press). The mediating effect of allostatic load on the relationship between neighborhood perceptions and depression. *SSM Population Health*.
19. **Carbone, J. T.** (2020). Neighborhood perceptions and allostatic load: Evidence from Midlife in the United States Study. *Health & Place, 61*, 102263. doi: 10.1016/j.healthplace.2019.102263
18. **Carbone, J. T.**, Holzer, K. J., Vaughn, M. G., & DeLisi, M. (2020). Homicidal ideation and forensic psychopathology: evidence from the 2016 Nationwide Emergency Department Sample (NEDS). *Journal of Forensic Sciences, 65*, 154-159. doi: 10.1111/1556-4029.14156
17. Helton, J. J., **Carbone, J. T.**, Vaughn, M. G., & Cross, T. P. (2020). Emergency department admissions for child sexual abuse in the United States from 2010 to 2016. *JAMA Pediatrics, 174*, 89-91. doi:10.1001/jamapediatrics.2019.3988
16. Korzeniewski S. J., Bezold C., **Carbone J. T.**, Danagoulian S., Foster B., Misra D., El-Masri M. M., Zhu D., Welch R., Meloche L., Hill A., & Levy, P. (2020). The Population Health Outcomes and Information Exchange (PHOENIX): A transformative approach to reduce the burden of chronic disease. *Online Journal of Public Health Informatics, 12*(1), e13. doi: 10.5210/ojphi.v12i1.10456
15. Matthieu, M. M., & **Carbone, J. T.** (2020). Collective action among United States Veterans: Understanding the importance of self-efficacy, collective efficacy, and social support. *Journal of Community Psychology, 48*, 1985-96. doi: 10.1002/jcop.22397
14. McMillin, S. E. & **Carbone, J. T.** (2020). A skillset and a stance: Program planning for cultural competence and cultural humility in home visitation. *Evaluation and Program Planning, 81*, 101819. doi: 10.1016/j.evalprogplan.2020.101819
13. Vaughn, M. G., **Carbone, J. T.**, DeLisi, M., & Holzer, K. J. (2020). Homicidal ideation among children and adolescents in the United States: New evidence. *Journal of Pediatrics, 219*, 216-222. doi: 10.1016/j.jpeds.2019.12.045
12. **Carbone, J. T.** (2019). Bonding social capital and collective action: Associations with residents' perceptions of their neighbourhoods. *Journal of Community and Applied Social Psychology, 29*, 504-519. doi: 10.1002/casp.2415
11. **Carbone, J. T.**, Holzer, K. J., & Vaughn, M. G. (2019). Child and adolescent suicidal ideation and suicide attempts: Evidence from the Healthcare Cost and Utilization Project. *The Journal of Pediatrics, 209*, 225-231. doi: 10.1016/j.jpeds.2018.10.017

10. **Carbone, J. T.**, Holzer, K. J., & Vaughn, M. G. (2019). Posttraumatic stress disorder among low-income adolescents experiencing family-neighborhood income disparities. *Journal of Traumatic Stress*, 32, 899-907. doi: 10.1002/jts.22452
9. **Carbone, J. T.** & McMillin, S. E. (2019). Reconsidering collective efficacy: The roles of perceptions of community and strong social ties. *City & Community*, 18, 1068-1085. doi: 10.1111/cico.12413
8. **Carbone, J. T.** & McMillin, S.E. (2019). Neighborhood collective efficacy and collective action: The role of civic engagement. *Journal of Community Psychology*, 47, 311-326. doi: 10.1002/jcop.22122
7. Holzer, K. J., **Carbone, J. T.**, DeLisi, M., & Vaughn, M. G., (2019). Traumatic brain injury and coextensive psychopathology: New evidence from the 2016 Nationwide Emergency Department Sample (NEDS). *Journal of Psychiatric Research*, 114, 149-152. doi: 10.1016/j.jpsychires.2019.05.002
6. McMillin, S. E., & **Carbone, J. T.** (2019). Transit crime as a barrier to qualitative urban health research with older adults. *Journal of Gerontological Social Work*, 62, 399-404. doi: 10.1080/01634372.2019.1577320
5. Salas-Wright, C. P., **Carbone, J. T.**, Holzer, K. J., & Vaughn, M. G. (2019). Prevalence and correlates of cannabis poisoning diagnosis in a national emergency department sample. *Drug and Alcohol Dependence*, 204, 107564. doi: 10.1016/j.drugalcdep.2019.107564
4. Vaughn, M. G., Holzer, K. H., **Carbone, J. T.**, & Salas-Wright, C. P. (2019). Arthropod bites and stings treated in emergency departments: Recent trends and correlates. *Wilderness & Environmental Medicine*, 30, 394-400. doi: 10.1016/j.wem.2019.05.010
3. Xie, J., Hu, Y., Lu., C. Fu, Q., **Carbone, J. T.**, Wang, L., & Lu., D. (2019). What are the risk factors of negative patient experience? A cross-sectional study in Chinese public hospitals. *INQUIRY: The Journal of Health Care Organization, Provision, and Financing*, 56, 1-7. doi: 10.1177/0046958019847865
2. **Carbone, J. T.** & McMillin, S. E. (2018). More than place-based: Viewing geography on a continuum and the implications for social work practice. *Families in Society*, 99, 121-133. doi: 10.1177/1044389418768523.
1. **Carbone, J. T.**, & McMillin, S.E. (2017). Social impact bonds: A social impact approach to facilitating community development. *Perspectives on Social Work* 13(1), 4-13.

MANUSCRIPTS UNDER REVIEW

4. **Carbone, J. T.** (Revised and resubmitted). Allostatic load and mental health: A latent class analysis of physiological dysregulation. *Stress: The International Journal on the Biology of Stress*.
3. **Carbone, J. T.**, Dell, N. A., Issa, M., Watkins, M. A. (Under review). Associations between allostatic load and post-traumatic stress disorder: A scoping review. *Trauma, Violence, & Abuse*.

2. **Carbone, J. T.**, Jackson, D. B., Holzer, K. J., & Vaughn, M. G. (Under review). Adverse childhood experiences, suicidality, and non-suicidal self-injury among children and adolescents admitted to emergency departments. *American Journal of Preventive Medicine*.
1. Murugan, V., Holzer, K. J., Vaughn, M. G., **Carbone, J. T.**, Jackson, D. B., & Bitter, C. C. (Under review). Correlates of Diagnostic Coding of Sexual Assaults by Emergency Physicians. *Western Journal of Emergency Medicine*.

PEER-REVIEWED PRESENTATIONS

20. **Carbone, J. T.**, Jackson, D. B., Vaughn, M. G., & Testa, A. (2020). *Adverse Childhood Experiences and Homicidal Ideation: Findings From the 2012-2016 Nationwide Emergency Department Sample (NEDS)*. Oral presentation accepted for the American Society of Criminology Meeting, Washington, D.C. Meeting was canceled due to COVID-19 pandemic.
19. Cross, T. P., Helton, J. J., **Carbone, J. T.**, & Vaughn, M. G. (2020). *Increase in Emergency Department Admissions for Child Sexual Abuse in the United States from 2010 to 2016*. Oral presentation accepted for the American Society of Criminology Meeting, Washington, D.C. Meeting was canceled due to COVID-19 pandemic.
18. **Carbone, J. T.** & McMillin, S. E. (January, 2020). *Who Participates? Identifying the Profiles of Civic Engagement and Their Associated Sociodemographic Characteristics*. Poster presentation at the Society for Social Work Research Annual Conference, Washington, DC.
17. Holzer, K. J., Murugan, V., **Carbone, J. T.**, Vaughn, M. G. & Jackson, D. B. (January, 2020). *Emergency Department Visits for Confirmed Cases of Intimate Partner Violence*. Poster presentation at the Society for Social Work Research Annual Conference, Washington, DC.
16. McMillin, S. E. & **Carbone, J. T.** (January, 2020). *Positive Deviance as a Social Innovation for the Prevention Program Workforce*. Poster presentation at the Society for Social Work Research Annual Conference, Washington, DC.
15. McMillin, S. E., Wolfer, T. A., **Carbone, J. T.**, & Wilson, B. (January, 2020). *Roundtable on Positive Deviance for Social Work as an Approach to Reduce Racial and Economic Inequality*. Society for Social Work Research Annual Conference, Washington, DC.
14. **Carbone, J. T.** & Vaughn, M. G. (November, 2019). *Alcohol-related motor vehicle accidents and mental health disorders: Evidence from a national sample of emergency departments*. Oral presentation at the American Society of Criminology Annual Meeting, San Francisco, CA.
13. Holzer, K. J., Vaughn, M. G. **Carbone, J. T.**, Salus-Wright, C. P. (November, 2019). *Substance abuse and medical conditions among older persons diagnosed with antisocial personality disorder*. Oral presentation at the American Society of Criminology Annual Meeting, San Francisco, CA.

12. **Carbone, J. T.** (January, 2019). *Applying propensity score matching to assess if social integration predicts neighborhood perceptions*. Poster presentation at the Society for Social Work Research Annual Conference, San Francisco, CA.
11. **Carbone, J. T.** & Holzer, K. J. (January, 2019). *The association between low-income neighborhoods and post-traumatic stress disorder diagnoses among children on Medicaid: Applying the income inequality hypothesis*. Oral presentation at the Society for Social Work Research Annual Conference, San Francisco, CA.
10. **Carbone, J. T.** & McMillin, S. E. (January, 2019). *Community meetings as a predictor of collective action: Applying propensity score matching to strengthen causal inference*. Poster presentation at the Society for Social Work Research Annual Conference, San Francisco, CA.
9. McMillin, S. E. & **Carbone, J. T.** (January, 2019). *Resilience and routine as components of organizational mindfulness in home visitation*. Oral presentation at the Society for Social Work Research Annual Conference, San Francisco, CA.
8. McMillin, S. E. & **Carbone, J. T.** (January, 2019). *"Risky" Neighborhoods and "Local" Communities: Investigating How Managers Understand Neighborhoods and Communities in Home Visitation*. Poster presentation at the Society for Social Work Research Annual Conference, San Francisco, CA.
7. **Carbone, J. T.** (January, 2018). *Bonding social capital and collective action with neighbors: Associations with residents' perceptions of their neighborhoods*. Poster presentation at the Society for Social Work Research Annual Conference, Washington, DC.
6. **Carbone, J. T.** & McMillin, S. E. (January, 2018). *Does success strengthen trust? The role of community improvement efforts in building neighborhood trust*. Poster presentation at the Society for Social Work Research Annual Conference, Washington, DC.
5. McMillin, S. E. & **Carbone, J. T.** (January, 2018). *Perceptions of neighbors as predictors of liking where you live*. Poster presentation at the Society for Social Work Research Annual Conference, Washington, DC.
4. McMillin, S. E., **Carbone, J. T.**, & Naeger, S. (January, 2018). *"So I can sleep at night:" Nonprofit managers' responses to staff reductions*. Poster presentation at the Society for Social Work Research Annual Conference, Washington, DC.
3. **Carbone, J. T.** & McMillin, S. E. (January, 2017). *Does success strengthen trust? The role of community improvement efforts in building neighborhood trust*. Poster presentation at the Annual Saint Louis University College for Public Health and Social Justice Doctoral Research Symposium, Saint Louis, Missouri.
2. **Carbone, J. T.** (June, 2017). *Applying game theory to understand the role of stakeholder engagement in community development outcomes*. Poster presentation at the Community Development Society Annual International Conference, Big Sky, MT.
1. McMillin, S. E., Naeger, S. & **Carbone, J. T.** (January, 2017). *When you care about families, you are always willing to try something new: Social innovation in home visitation*. Oral presentation at the Society for Social Work Research Annual Conference, New Orleans, LA.

- 2020-Present *Committee Member*
Wayne State University School of Social Faculty Hearing Panel
- 2020-Present *Committee Member*
Student Academic Review Committee (Fall and Winter Semesters)

PROFESSIONAL MEMBERSHIPS

- 2020-Present *Member*
Community Development Advocates of Detroit (CDAD)
- 2017-Present *Member*
Society for Social Work Research (SSWR)

PROFESSIONAL BOARDS & COMMITTEES

- | | | |
|-----------|--|------------------------|
| 2016 | <i>Public Health Professionals Advisory Committee Member</i>
Schuyler County Department of Public Health | Watkins Glen, New York |
| 2015-2016 | <i>Housing Committee Member</i>
Schuyler County Planning Department | Watkins Glen, New York |
| 2015-2016 | <i>Comprehensive Plan Implementation Committee Member</i>
Schuyler County Planning Department | Watkins Glen, New York |
| 2015-2016 | <i>Board Member</i>
Community Dispute Resolution Center | Ithaca, New York |
| 2013-2014 | <i>Advisory Council Member</i>
Lemay Child & Family Center | Saint Louis, Missouri |
| 2013-2014 | <i>Generation NeXt Board Member</i>
Midwest BankCentre | Saint Louis, Missouri |
| 2012-2014 | <i>Façade Improvement Program Committee Member</i>
St. Louis County Port Authority | Saint Louis, Missouri |
| 2011-2014 | <i>Program Planning Advisory Committee Member</i>
Lemay Housing Partnership | Saint Louis, Missouri |
| 2011-2014 | <i>Technical Planning Subcommittee Member</i>
<i>Housing Subcommittee Member</i>
<i>Affordable Housing Working Group Chairperson</i>
East-West Gateway Coordinating Council of Governments
St. Louis Regional Plan for Sustainable Development | Saint Louis, Missouri |
| 2011-2012 | <i>Community Engagement Subcommittee Member</i>
American Planning Association – Saint Louis Chapter | Saint Louis, Missouri |

2011	<i>Developers Advisory Committee Member</i> Housing Action Illinois	Chicago, Illinois
2011-2014	<i>Social and Economic Development Concentration Advisory Committee Member</i> Brown School of Social Work at Washington University in St. Louis	Saint Louis, Missouri
2010-2014	<i>Community & Organizations Concentration Curriculum Committee Member</i> Saint Louis University School of Social Work	Saint Louis, Missouri
2009-2010	<i>Executive Committee Member</i> Affordable Workforce Housing Association (Now the Missouri Workforce Housing Association)	Saint Louis, Missouri