

CURRICULUM VITAE
TESSA BONNEY, MPH, PhD, CIH

University of Illinois Chicago
School of Public Health
Division of Environmental and Occupational Health Sciences
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EDUCATION

- 2016 – 2019 **Doctor of Philosophy in Public Health** Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois Chicago, *Role of Technical Assistance and Relationships in Development of Initiatives to Address Precarious Work.*
- 2014 – 2016 **Master of Public Health**, Division of Health Policy and Administration, School of Public Health, University of Illinois Chicago, *Addressing Insufficient Workplace Health and Safety Protections for Temporary Workers in Illinois.*
- 2008 – 2012 **Bachelor of Science**, DePaul University, Biological Sciences.

ACADEMIC POSITIONS

- 2021 – Present **Assistant Professor (Tenure-Track)**, Industrial Hygiene and Occupational Safety, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois Chicago
- 2020 – 2021 **Research Assistant Professor**, Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois Chicago
- 2019 – 2021 **Postdoctoral Fellow**, T42 National Institute for Occupational Safety and Health (NIOSH) Great Lakes Center for Occupational Health and Safety, University of Illinois Chicago
- 2016 – 2019 **Predoctoral Trainee (Industrial Hygiene)**, T42 National Institute for Occupational Safety and Health (NIOSH) Great Lakes Center for Occupational Health and Safety, University of Illinois Chicago

RESEARCH & TEACHING INTERESTS

Precarious Employment; Work as a Determinant of Health; Measurement and Survey Methodology; Psychosocial Hazards in the Working Environment; Occupational Health and Safety; Industrial Hygiene.

SPONSORED RESEARCH AND TRAINING ACTIVITIES

Awarded

- 2023 – 2026 Principal Investigator
Employment Precarity and Adverse Behavioral Health Outcomes in the NLSY79 and 97 Cohorts, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health (CDC/NIOSH Grant: K01OH012319).
Amount funded: \$324,000.
- 2023 – 2025 Co-Investigator 01/23 – 09/23 [MPI AlMBERG/HARRIS]
Mental Illness in US Coal Miners: A Collaborative Approach to Understand Risk Factors and Prevalence, Alpha Foundation for the Improvement of Mine Safety and Health, Inc. (Grant: AFCTG22R2-158).
Amount funded: \$499,891.
- 2022 – 2027 Co-Principal Investigator 09/22 – 09/23 [Center PI Forst; Project MPI Bonney/Forst]
Measuring Farmworker Health and Well-being, National Institute for Occupational Safety and Health (CDC/NIOSH Grant: U54OH012503).
Amount funded: \$678,165 (Research Project).
- 2021 – 2023 Co-Investigator [PI Sietsema]
Prevention Epicenters Program: Protecting Patients from Infections, Antibiotic Resistance and Other Adverse Events - Intermountain Program on Antibiotic Resistance and Microbial Threats (IMPART) Supplement, National Center for Emergent and Zoonotic Infectious Diseases (CDC/NCEZID Grant: 5U54CK000602-02).
Amount funded: \$255,606.
- 2020 – 2023 Principal Investigator
COVID-19 Intergovernmental Personnel Act (IPA) Agreement, National Institute for Occupational Safety and Health (CDC/NIOSH Contract: IPA 20IPA2014093).
Amount funded: \$55,868.
- 2020 – 2023 Co-Investigator [PI Giles]
Suburban Cook County COVID-19 Health Equity Initiative, US Centers for Disease Control and Prevention (CDC Contract: NH75OT000024).
Amount funded: \$2,029,905.
- 2020 -2021 Co-Investigator [PI Welter]
Cook County Department of Public Health COVID-19 Contact Tracing Initiatives Evaluation, US Centers for Disease Control and Prevention (CDC Contract: H20-25-092).
Amount funded: \$508,385.
- 2020 – 2021 Principal Investigator
Boone County Work, Mental Health, and Substance Use Study, Pilot Project Research Training (PPRT) Grant, Great Lakes Center for Occupational Health and Safety, National Institute for Occupational Safety and Health (CDC/NIOSH Pilot Grant).
Amount funded: \$19,635.

- 2019 - 2024 Co-Investigator 08/22 – 06/24, Occupational Safety Training Program [PI Buchanan] *Great Lakes Center for Occupational Health and Safety*, National Institute for Occupational Safety and Health (CDC/NIOSH) Occupational Safety and Health Education and Research Center (T42).
Amount funded: \$1,620,000 (Center Grant).
- 2018 – 2019 Principal Investigator
Impacts of Technical Assistance Providers' Participation in a Health, Labor, and University Capacity Building Process, Pilot Project Research Training (PPRT) Grant, Great Lakes Center for Occupational Health and Safety, National Institute for Occupational Safety and Health (CDC/NIOSH Pilot Grant).
Amount funded: \$15,893.
- 2017 – 2018 Co-Investigator [PI Madigan]
Reemployment Needs Assessments of Users of Workforce Development Programs, Pilot Project Research Training (PPRT) Grant, Great Lakes Center for Occupational Health and Safety, National Institute for Occupational Safety and Health (CDC/NIOSH Pilot Grant).
Amount funded: \$12,677.

Submitted (Under Review)

- 2023 Co-Investigator, Director of Occupational Safety Training Program [PI Buchanan] *Great Lakes Center for Occupational Health and Safety*, National Institute for Occupational Safety and Health (CDC/NIOSH) Occupational Safety and Health Education and Research Center (T42). Grant period: 2024-2029.

Submitted (Not Funded)

- 2021 Principal Investigator [Center PI Conroy]
Boone County Work, Mental Health, and Substance Use 5-Year Follow-up Study, National Institute for Occupational Safety and Health (CDC/NIOSH). Grant period: 2021 – 2024.
- 2021 Co-Investigator [Center PI Conroy; Research Project PI Welter]
Suburban Cook County Healthy Work Initiative, National Institute for Occupational Safety and Health (CDC/NIOSH). Grant period: 2021 – 2026.
- 2020 Co-Investigator [PI Forst]
COVID-19 Protecting Health and the Food Supply Chain, US Centers for Disease Control and Prevention (CDC). Grant period: 2020 – 2021.

PUBLICATIONS

Published Manuscripts

- 2024 **Bonney, T.**, Rospenda, K.M., Chaudry, A., Forst, L., Conroy, L.M., Holloway, A., Berumen, T., Castaneda, D., Castaneda, Y., Gonzalez, S. and Hebert-Beirne, J. (2024). The Nature of

- Employment in a High Socio-economic Hardship Community: Data from the Greater Lawndale Healthy Work Survey. *Journal of Occupational and Environmental Medicine*, 10-1097.
- 2023 **Bonney T.**, Grant M. (2023) Local Health Department Engagement with Workplaces during the COVID-19 Pandemic – Examining Barriers of and Facilitators to Outbreak Investigation and Mitigation. *Frontiers in Public Health*.
- 2022 **Bonney T.**, Rospenda KM., Forst, L., Conroy LM., Castañeda D., Avelar S., Castañeda Y., Holloway A., Hebert-Beirne J. Employment Precarity and Increased Risk of Hazardous Occupational Exposures Among Residents of High Socioeconomic Hardship Neighborhoods. *Annals of Work Exposures and Health*, 24 August 2022.
- 2022 Forst L, **Bonney T.** (2022) Health Equity and Worker Justice in Temporary Staffing: The Illinois Case. *International Journal of Environmental Research and Public Health*.
- 2022 Welter, C., Jarpe-Ratner, E., **Bonney, T.**, Pinsker, E., Fisher, E., Deb, N., Yankelev, A., Kapadia G., Love M., Zaroni, J. (2022) Evaluation Results from the Healthy Work Collaborative: A Cross-Sectoral Capacity Building Partnership to Address Precarious Employment. *Health Promotion and Practice*.
- 2022 Welter, C., Jarpe-Ratner, E., Sewery, S., **Bonney, T.**, Verma, P., Weller Pegna, S. (2022) Results from a National Mixed-Methods Study Exploring Community Health Improvement Implementation: An Opportunity to Strengthen Public Health Systems Through Collective Action. *Journal of Public Health Management and Practice*.
- 2021 Welter, C., Jarpe-Ratner E., **Bonney, T.**, Fisher, E., Yankelev, A., Kapadia G., Love M., Pinsker E., Zaroni, J. (2021) Development of the Healthy Work Collaborative: Results from an Action Research Study to Inform a Capacity Building Initiative Addressing Precarious Employment. *Health Promotion and Practice*.
- 2021 Madigan, D., **Bonney, T.** (2021) Reemployment Needs and Barriers of Users of Workforce Development Programs: A Mixed-Methods Study. *Workplace Health and Safety*.
- 2020 **Bonney, T.**, Welter, C., Jarpe-Ratner, E., Velonis, A. Conroy, L. (2020) Role of Technical Assistance in U.S. Labor and Health Sector Collaboration to Address Precarious Work. *Health Promotion International*.
- 2019 **Bonney, T.**, Welter, C., Jarpe-Ratner, E., Conroy, L. Understanding the Role of Academic Partners as Technical Assistance Providers: Results from an Exploratory Study to Address Precarious Work. *International Journal of Environmental Research and Public Health*.
- 2017 **Bonney, T.**, Forst, L., Rivers, S., Love, M., Pratap, P., Bell, T., Fulkerson, S. Occupational Safety and Health in the Temporary Services Industry: A Model for a Community-University Partnership. *New Solutions*, May 2017.

Submitted Manuscripts

Bonney T., Massuda Barnett G., Zaman S., Ortega K., Olazaba S., Rubin R., Welter C. The Cook County Department of Public Health's COVID-19 Worker Protection Program: Implementation and Evaluation of a Public Health and Worker Advocacy Collaborative Program. Submitted to *New Solutions*, June 2024.

Shannon B., Ryder C., Abasilim C., Alberg K., **Bonney T.**, Forst L., Friedman L. The Role of Occupation as a Determinant of Health for Indigenous people - Findings from The National Health Interview Survey, 2020-2022. Submitted to *American Journal of Public Health*, May 2024.

Friedman LS., Alberg K., Shannon B., **Bonney T.**, Richardson D., Dang N., Cohen RA., Go LHT. The Association between Employment in Coal Mining and History of Injury, Chronic Pain and Prescription Opioid Use. Submitted to *Pain*, April 2024.

Manuscripts in Preparation

Bonney, T., Tecuanhuey, M., Sietsema, M. Health Care Providers' Perceptions of Communicable Disease Risk and Implications for PPE Usage in Healthcare Settings.

Bonney T., Madigan D., Espinosa-Ravi V., Forst L. Conceptualizing Worker Wellbeing for Migrant and Seasonal Farmworkers in the United States: A Review of the Literature.

Shannon B., Ryder C., Abasilim C., Alberg K., **Bonney T.**, Forst L., Friedman L. Work related injuries and illnesses presenting to Illinois hospitals 2017-2021: the importance of emergency department data.

Shannon B., Forst L., Ryder C., Alberg K., **Bonney T.**, Friedman L. Depression and Work in Indigenous People.

Other, Non-Peer-Reviewed Publications and Reports

2022 **Bonney, T.**, Ortega, K., Welter, C. UIC Evaluation of the CCDPH Contact Tracing Initiative Worker Protection Program. Posted online at <https://p3rc.uic.edu/evaluation-of-covid-19-health-equity-initiatives-at-cook-county-department-of-public-health/>.

2021 **Bonney, T.**, Diaz, E., Tecuanhuey, M., Wendland, M., Morales Reyes, E., Mehl, A. Summary Report for the Boone County Work, Mental Health, and Substance Use Research Study. Posted online at <https://healthywork.uic.edu/boone-county-work-mental-health-and-substance-use-study/>.

2021 Parvanta, C., **Bonney, T.**, Newman, L., Betit, E., Garza, E. COVID-19 Poses Big Challenges for Small Construction Firms. NIOSH Science Blog. Centers for Disease Control and Prevention. Posted online blogs.cdc.gov March 9, 2021.

2020 Forst, L., Szwiec, E., **Bonney, T.** Workers' Compensation Should Protect the Illinois Workforce. UIC Public Health Policy Brief. Posted online at publichealth.uic.edu/policybriefs.

- 2019 Welter, C., Zanoni, J., **Bonney, T.**, et al. Healthy Work Collaborative: Examples from the Field. Partnerships to advance *Total Worker Health*® through policy, systems, and environmental change. Posted online at healthywork.uic.edu in 2019.
- 2019 Welter, C., Jarpe-Ratner, E., Seweryn, S., **Bonney, T.** Evaluation of NACCHO's Mobilizing for Action through Planning and Partnerships (MAPP) Framework. Final report. Published in 2019.
- 2019 Welter, C., Jarpe-Ratner, E., **Bonney, T.** Evaluation of Pathways to Health. Final report. Published in 2019.
- 2016 Contributor to *The Skokie Environmental Action Plan: 2016 – 2021*. Published on the Village of Skokie's website: <https://www.skokie.org/1351/Sustainability>.

CONFERENCE PRESENTATIONS

- 2024 "Mental Health of Former US Coal Miners." International Congress on Occupational Health (ICOH). April 2024. Marrakesh, Morocco.
- 2024 "Measuring Migrant & Seasonal Farmworker Health and Well-being." International Congress on Occupational Health (ICOH). April 2024. Marrakesh, Morocco.
- 2023 "Conceptualizing Well-Being for Migrant and Seasonal Farmworkers: A Systematic Literature Review." American Psychological Association (APA) Work, Stress, and Health Conference. November 2023. Virtual.
- 2022 "Capacity of United States local health departments to investigate, prevent and mitigate workplace transmission of COVID-19." American Public Health Association (APHA) Conference. November 2022. Boston, MA.
- 2022 "Employment precarity and occupational hazard exposure: results from two geographically distinct samples." American Public Health Association (APHA) Conference. November 2022. Boston, MA.
- 2021 "Employment Precarity as a Risk Factor for Adverse Behavioral Health Outcomes." Midwest Injury Prevention Alliance (MIPA) Summit. December 2021. Virtual.
- 2021 "Employment Precarity and Behavioral Health in a Rural Community: Data from the Boone County Work, Mental Health, and Substance Use Study." American Psychological Association (APA) Work, Stress, and Health Conference. November 2021. Virtual.
- 2020 "Employment Precarity Predicts Increased Risk for Occupational Hazard Exposure: Results from the Greater Lawndale Healthy Work Project Community Health Survey." American Public Health Association (APHA) Conference. October 2020. Virtual.
- 2019 "Impacts of Technical Assistance in a Capacity Building Process to Address Precarious Work." American Public Health Association (APHA) Conference. November 2019. Philadelphia, PA.

- 2018 “Needs Assessment for Re-employment.” American Public Health (APHA) Association Conference. November 2018. San Diego, CA.
- 2018 “Turning Unhealthy Work into Healthy Work: Healthy Communities through Healthy Work Action Research.” Symposium to Advance *Total Worker Health*[®]. May 2018. Bethesda, MD.
- 2018 “Building Resistance to Hazardous Work among Chicago’s Contingent Workers.” International Congress on Occupational Health (ICOH). April 2018. Dublin, Ireland.
- 2016 “I Do Have Rights: Taking Action Against Hazardous Conditions in the Temporary Services Industry.” American Public Health Association (APHA) Conference. November 2016. Denver, CO.
- 2016 “I Do Have Rights: Fight for Safe Working Conditions.” Labor Research & Action Network Conference. July 2016. Chicago, IL.
- 2015 “Twelve Years On – Still Shaping the Future of OHS.” American Public Health Association (APHA) Conference. November 2015. Chicago, IL.

INVITED PRESENTATIONS

Invited Presentation: University of Illinois Chicago SparkTalks. *Starting Strong: The School of Public Health’s SPH Success Program*. (February 2024).

Invited Talk: National Institute for Occupational Safety and Health (NIOSH) COVID-19 IPA Symposium. *COVID-19 Local Health Departments & Workplaces Survey*. (September 2022).

Invited Talk: University of Utah, Center for Promotion of Work Equity – Research Seminar Series. *Employment Precarity Predicts Occupational Hazard Exposure: Results from Two Geographically Distinct Samples*. (March 2022).

Invited Talk: Work Wellness Institute. *Healthy Work Collaborative: Addressing Precarious Work Through Social Change*. (October 2019).

TEACHING EXPERIENCE

University of Illinois Chicago – Graduate Courses Taught

IPHS 420: Interprofessional Education. Engages graduate students enrolled in the School of Public Health in an applied collaborative experience with students from other disciplines. Students are introduced to team science, values, and ethics in interprofessional collaborative practice. (Spring 2024, Summer 2024)

EOHS 427: Evaluation and Control of the Psychosocial Work Environment. Introduces students to predominant theories of work stress and evidence for the contribution of work-related stressors to adverse health outcomes. Covers basic survey design and analysis of survey data and prepares students to conduct quantitative evaluations of stressors in the workplace.

(Fall 2023, Fall 2022, Spring 2021)

EOHS 503: Occupational Safety. Covers advanced topics in occupational safety. Students utilize frameworks to identify and classify safety and health hazards, apply safety control principles to eliminate or minimize hazards, and develop a high level of understanding of the regulatory landscape relevant to the practice of occupational safety.

(Fall 2023)

EOHS 421: Occupational Health and Safety Practice. Foundational course in industrial hygiene and occupational safety that covers, at an introductory level, classes of occupational hazards and how to anticipate, recognize, evaluate, and control those hazards.

(Fall 2022)

IPHS 595: Doctoral Student Seminar: Scientific Writing and Publication. Introduces doctoral students to scientific writing and publishing in peer-reviewed journals. Seminar style course with opportunities for students to prepare and submit an academic manuscript.

(Fall 2021)

Classroom Guest Lectures

EOHS 421: Occupational Health and Safety Practice. Graduate level. *Introduction to Psychosocial Hazards in the Workplace*. October 2023.

HON 201: Environmental and Occupational Health Seminar. Undergraduate level. *Understanding Psychosocial Workplace Exposures*. October 2023, March 2022.

EOHS 495: Seminar in Environmental and Occupational Health. Graduate level. *The Role of Local Health Departments & Occupational Health Research and Practice*. April 2023.

IPHS 514: Quantitative Methods for DrPH. Graduate level. *Overview and Application of Qualtrics Platform for Survey Research*. February 2023, 2022, 2021, 2020.

EOHS 402: Systems Approaches in Environmental and Occupational Health. Graduate level. *Exposure Assessment and Estimating Risk in an Occupational Setting*. January 2023.

MENTORING EXPERIENCE

Individual Mentorship and Advising:

Van Schyndel, A., Maternal and Child Health (PhD Dissertation Committee; 2023 – Present)

Vega, S., Industrial Hygiene (MS Advisor; 2023 – Present)

Shannon, B., Occupational Health (PhD Prelim Committee 2022 & Dissertation Committee 2023 – 2024)

Quintana, L., Industrial Hygiene (PhD Dissertation Committee; 2022 – Present)

Devaughn, A., Industrial Hygiene (MS Thesis Committee; 2022 – 2024)

Espinosa-Ravi, V., Occupational Safety (MS Advisor and Committee Chair; 2022 – 2024)

Hedges, K. Occupational Safety (MPH Integrated Learning Experience/Capstone; 2024)

Pecak, M., Occupational Safety (MPH Integrated Learning Experience/Capstone; 2024)
 Wilk, A., Occupational Safety (MPH Integrated Learning Experience/Capstone; 2024)
 Caruvana, K. Occupational Safety (MPH Integrated Learning Experience/Capstone; 2023)
 Grey, D., Occupational Safety (MPH Integrated Learning Experience/Capstone; 2023)
 Brand, S., M.P.H. Occupational Safety (MPH Integrated Learning Experience/Capstone; 2023)
 Morales Reyes, E., Environmental and Occupational Health Generalist (MPH Integrated Learning Experience/Capstone; 2023)
 Tecuanhuey, M., Occupational Safety (MS Thesis Committee; 2021 – 2023)
 Wendland, M., Public Health (BA Independent study in survey research; Fall 2021, Spring 2022)
 Ortega, K., Health Policy and Administration (MPH Applied Practice Experience; 2021)
 Ndiaye, C., Biostatistics (MPH Integrated Learning Experience/Capstone; 2021)
 Mitchell, N., Industrial Hygiene (MPH Integrated Learning Experience/Capstone; 2020)
 Lawson, M., Industrial Hygiene (MS research support; 2019)

Group Mentorship:

Boone County Work, Mental Health, Substance Use Study Analysis Team (3 undergraduate and 2 graduate research assistants; 2020 – 2022)
 Targeted Research Training Program, University of Illinois Chicago Great Lakes Center for Occupational Health and Safety (3 graduate students; 2019 – 2021)

HONORS & AWARDS

2024	Golden Apple Award (Nominee)
2023	School of Public Health Research Article Award for Multidisciplinary Collaboration, University of Illinois Chicago
2023	Golden Apple Award (Nominee)
2022	National Institute for Occupational Safety and Health (NIOSH) Bullard-Sherwood Award for Research Practice, Honorable Mention
2019	American Industrial Hygiene Association (AIHA) Chicago Local Section Fred Tremmel Presentation Award
2018	Graduate Travel Award, University of Illinois Chicago
2014 – 2016	Health Policy and Administration Director’s Scholarship, University of Illinois Chicago
2012	Outstanding Student Leader Award, DePaul University
2012	St. Louise de Mirrellac Women of Spirit and Action Award, DePaul University

SERVICE ACTIVITIES

Service to the University of Illinois Chicago

2022 – Present Honors College Faculty Fellow

Service to the School of Public Health

2024 Abstract reviewer for the UIC Minority Health Conference

2023 – Present	SPH MPH Oversight Committee
2023 – Present	Working Group for Student Retention
2020 – Present	SPH Success Program (Development and instruction lead)
2021, 2022	Reviewer and judge, SPH Student Research Competition
2020 – 2023	SPH Committee on Admissions and Recruitment Policies

Service to the Division of Environmental and Occupational Health Sciences

2023 – Present	Recruitment Committee
2022 – Present	Co-Director of the Occupational Safety Program
2021 – Present	Industrial Hygiene ABET Accreditation Committee
2022 – 2023	Curriculum Committee

Service to the Public Health Profession

Ad hoc Reviewer

Journals: American Journal of Industrial Medicine, Annals of Work Exposures and Health, International Journal of Environmental Research and Public Health, Journal of Occupational and Environmental Medicine, New Solutions.

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

Member	American Conference of Governmental Industrial Hygienists (ACGIH)
Member	American Industrial Hygiene Association (AIHA)
Member	American Public Health Association (APHA)
Member	American Society of Safety Professionals (ASSP)

CERTIFICATIONS

Certified Industrial Hygienist (CIH)	2023
Certified in Public Health (CPH)	2015
Certificate of Professional Writing, UIC Graduate College	2014
Illinois State Board of Education (ISBE) Secondary Teaching License, Grades 6 – 12	2012