

Bhavneet Walia

Assistant Professor of Public Health
Syracuse University
bwalia@syr.edu

Work Experience

8/18- Present, Assistant Professor of Public Health, Syracuse University
8/16-8/18, Assistant Professor of teaching, Department of Economics, Syracuse University
8/15- 8/16, Associate Professor (with tenure), Western Illinois University
8/14-8/16, Director, WIU Business Analytics Post Bacc. Certificate Program
01/11-08/15, Assistant Professor (tenure-track), Western Illinois University
08/08/-01/11, Assistant Professor (tenure-track), Nicholls State University
2007-2008, Data Science Consultant for Kansas Health Institute
2007, Data Science Intern at Kansas Health Institute; *Research assistant to Dr. Candace Ayers at KHI*

Editorial Positions

2012-Present, Associate Editor, *Academy of Economics and Finance Journal*
2021-Present, Guest Editor, *International Journal of Environmental Research & Public Health*

Education

Kansas State University, U.S.

Ph.D. in Economics with Econometrics specialization, 2008
Dissertation Title: "Three Essays in Health and Labor Economics"

Punjab University, INDIA

M.A. in Economics with Econometrics specialization, 2003
B.A. in Economics Honors, 2001

Published Fields of Specialization

Healthcare Efficiency, Maternal-Child Health, Sports Epidemiology, Health & Labor Policy Analysis, Applied Econometrics/Statistics

Grant Funded Projects

Funded: External

"Community and Work Participation Disparities: A program of the ADA Participation Action Research Consortium: ADA PARC." \$469,000. NIH 2017-22; Co-PI.

"Exploring FIFA Video Games as a Channel to Promote Football Participation, Football Literacy, and Psychosocial Well-Being." \$ 20,000. FIFA 2021-2022; Co-PI.

"Role of Gardening in Refugee Resettlement: An empirical approach." \$19,000. Fahs-Beck Fund for Research and Experimentation. 2019-20; Co-PI.

"Early Childhood Development." \$20,186. Kansas Health Institute. 2007-2008; PI.

Funded: Internal

"Physicians Perspective on Telehealth." \$4000. 2020; SU-CUSE; PI

"Physicians Perspective on Telehealth." \$1000. 2020; Falk Seed Grant; PI

"Agricultural Guestworkers and the New Immigrant Economy." \$20,000; 2019; SU-CUSE. Co-PI

"E-sport, psychological well-being, and sport participation: Data collection and natural field experimental analysis." \$30,000, 2019; SU-CUSE. Co-PI

"Critical Mass of Women VP on Sports team boards." \$20,000. 2019; SU-CUSE grant. \$2000. 2019; SU-Falk College. Co-PI

"Estimating the Causal Effects of Organized Activities." \$5000; Falk Seed Grant: Co-PI.

"Impact of Gardening on Refugee Mental Health, Community Building, and Economic Well-being in Central New York." Lerner Faculty Fellows, Syracuse University. \$25,000. 2018; Co-Pi.

"Cause of Death, Longevity, and Career Statistical Characteristics among Former NFL Players: An Empirical Analysis using Categorical and Survival Models," CUSE Grant, Syracuse University. \$29,921. 2018; health economist consultant on grant.

"A Logistic Regression Analysis of Reported Concussion Risk among NCAA FBS Football Players," Falk College. Syracuse University. \$5,000. 2018; Co-PI.

"Correlates of Longevity among former NFL Players," Falk College. Syracuse University. \$7,500. 2017; Co-Pi.

"Moderating Effects of Physiological and Socio-behavioral Characteristics on the SU Football Team Injuries and Performance: A Pilot Cohort Study," Falk College. Syracuse University. \$5,000. 2017; Co-Pi.

“Correlates of Longevity among former NCAA Football Players,” Falk College Sport and Human Development Institute Grant. Syracuse University. \$5,000. 2017; Co-PI.

“Online Course Development for Undergraduate Econometrics,” Innovation Fund, Syracuse University. \$12,000. Funded for Summer 2017.

“Endogenous Breastfeeding: Effect on Obesity and Early Cognitive Development,” WIU Summer Research Stipend, \$3,000, 2013-2014; PI

Publications (Peer-Reviewed)

30. **Walia, B.**, Banga, H. & Larsen, D.L. (2022) Increased reliance on physician assistants: an access-quality tradeoff? *Journal of Market Access & Health Policy*, 10:1, DOI: [10.1080/20016689.2022.2030559](https://doi.org/10.1080/20016689.2022.2030559)
29. **Walia, B.**, Kmush, B. L., Ehrlich, J., Mackowski, M., & Sanders, S. (2021). Age at League Entry and Early All-Cause Mortality among National Football League Players. *International journal of environmental research and public health*, 18(24), 13356
28. **Walia, B.**, Shridhar, A., Arasu, P., & Kaur, G. (2021). US physicians' perspective on sudden shift to Telehealth: Physician Survey Study. *JMIR Human Factors*. 8(3), e26336.
27. **Walia, B.**, Kmush, B. L., Lane, S. D., Endy, T., Montresor, A., & Larsen, D. A. (2021). Routine deworming during antenatal care decreases risk of neonatal mortality and low birthweight: a retrospective cohort of survey data. *PLOS Neglected Tropical Diseases*, 15(4), e0009282.
26. **Walia, B.**, & Christopher, B (2021). Health Behaviors and Social Media. Chapter In: Scrimshaw, S. C., Lane, S. D., Rubinstein, R. A., & Fisher, J. (Eds.), *The SAGE Handbook of Social Studies in Health and Medicine*. SAGE
25. Kmush, B. L., **Walia, B.**, Neupane, A., Frances, C., Mohamed, I. A., & Larsen, D. A. (2021) Community-level impacts of sanitation coverage on maternal and neonatal health: a retrospective cohort of survey data. Forthcoming. *British Medical Journal Global Health*.
24. Appiah, B., **Walia, B.**, & Nam, S. H. (2021). Promoting COVID-19 vaccination through music and drama—Lessons from early phase of the pandemic. *British Journal of Clinical Pharmacology*.
23. McLorg, A., Omolo, K., Sifuna, P., Shaw, A., **Walia, B.**, & Larsen, D. A. (2021). Examining Wealth Trends in Kombewa, Kenya. *Social Indicators Research*, 1-21.
22. **Walia, B.**, & Boudreaux, C. J. (2020). The cost of players’ injuries to professional sports leagues and other sports organizations. *Managerial Finance*.
21. Kmush, B. L., Mackowski, M., Ehrlich, J., **Walia, B.**, Owora, A., & Sanders, S. (2020). Association of professional football cumulative head impact index scores with all-cause mortality among National Football League players. *JAMA Network Open*, 3(5), e204442-e204442.

Press Coverage: <https://www.sciencecodex.com/repetitive-head-impacts-lead-early-death-nfl-players-646919>

20. Graham, M. E., **Walia, B.**, & Robinson, C. (2020). Women executives and off-the-job misconduct by high-profile employees: A study of National Football League team organizations. *Journal of Organizational Behavior*, 41(9), 815-829. Lead Article

19. Salmon, K., Shin, D., Kmush, B., **Walia, B.**, Bellows, A., & Larsen, D. (2020). Evidence of Declining Dietary Diversity Among Children Aged 1–5 Years Between 2005 and 2017 in Lower-Income Countries. *Current Developments in Nutrition*, 4(Supplement_2), 561-561.

18. Ryan, S. J., Martin, A. C., **Walia, B.**, Winters, A., & Larsen, D. A. (2020). Comparing prioritization strategies for delivering indoor residual spray (IRS) implementation, using a network approach. *Malaria Journal*, 19(1), 1-9.

17. **Walia, B.**, & Boudreaux, C. J. (2019). Hospital mergers, acquisitions and regulatory policy implications. *Managerial Finance*.

16. **Walia, B.**, & Sanders, S. (2019). Curbing food waste: A review of recent policy and action in the USA. *Renewable Agriculture and Food Systems*, 34(2), 169-177.

15. Ehrlich, J., Kmush, B., **Walia, B.**, & Sanders, S. (2019). Mortality risk factors among National Football League players: an analysis using player career data. *F1000Research*, 8(2022), 2022.

14. Owora, A. H., Kmush, B. L., **Walia, B.**, & Sanders, S. (2018). A systematic review of etiological risk factors associated with early mortality among National Football League players. *Orthopaedic Journal of Sports Medicine*, 6(12), 2325967118813312.

13. **Walia, B.** (2017). Early childhood development and subsequent academic achievement. *Academy of Economic and Finance Journal*.

12. Sanders, S., & **Walia, B.** (2012). Shirking and “choking” under incentive-based pressure: A behavioral economic theory of performance production. *Economics Letters*, 116(3), 363-366.

11. **Walia, B.**, & Sanders, S. (2016). Teaching Preparation and placement in “Non-top-tier” Ph. D. programs. *Southern Economic Journal*, 83(1), 332-336.

10. Chang, Y. M., Sanders, S., & **Walia, B.** (2015). The costs of conflict: A choice-theoretic, equilibrium analysis. *Economics Letters*, 131, 62-65.

9. Boudreaux, C. J., Sanders, S. D., & **Walia, B.** (2017). A natural experiment to determine the crowd effect upon home court advantage. *Journal of Sports Economics*, 18(7), 737-749.

8. **Walia, B.** (2014). The home mortgage loan crisis: A lesson in ignoring sunk costs. *Journal of Management Policy and Practice*, 15(2), 30.

7. Ragan Jr, J. F., & **Walia, B.** (2010). Differences in student evaluations of principles and other economics courses and the allocation of faculty across courses. *The Journal of Economic Education*, 41(4), 335-352. **Most downloaded JEE article of 2010.*
6. Boudreaux, C., Coats, R. M., & **Walia, B.** (2012). Voting and abstaining in the US Senate: Mr. Downs goes to Washington. *Voting and Abstaining in the US Senate: Mr. Down's Goes to Washington. (2011). Southern Business and Economic Journal*, 1(34), 55-72.
5. Chang, Y. M., & **Walia, B.** (2007). Wage discrimination and partial compliance with the minimum wage law. *Economics Bulletin*, 10(4), 1-7.
4. Sanders, S., & **Walia, B.** (2014). Endogenous destruction in a model of armed conflict: Implications for conflict intensity, welfare, and third-party intervention. *Journal of Public Economic Theory*, 16(4), 606-619.
3. Sanders, S., Alakshendra, A., & **Walia, B.** (2014). National emissions standards, pollution havens, and global greenhouse gas emissions. *American Journal of Economics and Sociology*, 73(2), 353-368.
2. Sanders, S., **Walia, B.**, Potter, J., & Linna, K. W. (2011). Do more online instructional ratings lead to better prediction of instructor quality. *Practical Assessment, Research, and Evaluation*, 16(1), 2.
1. Chang, Y. M., Sanders, S., & **Walia, B.** (2010). Conflict persistence and the role of third-party interventions. *The Economics of Peace and Security Journal*, 5(1). Popular Article

Book Chapters

Walia, B., & Christopher, B (2021). Health Behaviors and Social Media. Scrimshaw, S. C., Lane, S. D., Rubinstein, R. A., & Fisher, J. (Eds.), *The SAGE Handbook of Social Studies in Health and Medicine*. SAGE

Press-Release: Selected. Non-Referred articles

1. Deworming women during pregnancy has a positive effect on child survival and health. Link: <https://www.who.int/news/item/29-04-2021-deworming-women-during-pregnancy-has-a-positive-effect-on-child-survival-and-health>
2. Community-level impacts of sanitation coverage on maternal and neonatal health: a retrospective cohort of survey data. Link: <https://reliefweb.int/report/world/community-level-impacts-sanitation-coverage-maternal-and-neonatal-health-retrospective>
3. Physicians in favor of permanent telehealth expansion. Link: <https://www.healthcareitnews.com/news/physicians-favor-permanent-telehealth-expansion>
4. HHS reports 63-fold increase in telehealth use during pandemic. Link: <https://www.medicaldesignandoutsourcing.com/hhs-reports-63-fold-increase-in-telehealth-use-during-pandemic/>

5. New research shows benefits of deworming expectant mothers to their infants: Link: <https://www.eurekalert.org/news-releases/807156>
6. Telehealth: Here to Stay. Link: <http://www.oswegocountybusiness.com/feature-stories/healthcare/telehealth-here-to-stay-2/>
7. "To Spur the Economic Recovery, Spend Your Stimulus Check" Syracuse.com. 2020 (Bhavneet Walia*) Link: https://www.syracuse.com/opinion/2020/05/to-spur-the-economic-recovery-spend-your-stimulus-check-commentary.html?_ga=2.250907590.1186300556.1606082249-1386023154.1541610234
8. "Should the Minimum Wage Be Raised? Expert Pick Sides" WalletHub. 2016 (Bhavneet Walia*)Link: <https://wallethub.com/blog/should-minimum-wage-be-raised/23681>

Presentations at Professional Meetings

1. **Bhavneet Walia***. WHO. Panelist. Are we doing enough to protect adolescent girls and women of reproductive age from the harm caused by worm infections? Feb 1, 2022 14:00 Amsterdam, Berlin, Rome, Stockholm, Vienna
2. **Bhavneet Walia***, Katie McDonald. ADA PARC Directors Presentation. Dec 3rd. Economic Equity.
3. **Bhavneet Walia***, Brittany Kmush*. Labor and Employment Relations Association. June 13th-16th. A logistic Regression Analysis of Reported Concussion Risk among NCAA FBS Football Players.
4. Mary Graham*, **Bhavneet Walia***. Labor and Employment Relations Association. June 13th-16th. Football: Employment-Related Issues Behind the Face Mask.
5. **Bhavneet Walia*** Brittany Kmush, Shane Sanders, Justin Ehrlich. "Age at league entry, ability, and mortality among former NFL athletes." APHA's 2020 Virtual Annual Meeting and Expo. Oct. 24-28)
6. Brittany Kmush, **Bhavneet Walia**, Justin Ehrlich, Shane Sanders. Preliminary Analysis of the Association between Mortality, Position, and Padded Playing Time among National Football League Players. Tenth International Conference on Sport & Society. June 21st, 2019.
7. Owora AH, Kmush BL, **Walia B**, Sanders S, and Pike B. "Injury risk among college football players." *Ninth International Conference on Sports & Society*. Florida International University. July 19-20th, 2018, Miami, FL. (30 min, volunteered by candidate)
8. Kmush BL, Ehrlich J, Owora A, **Walia B**, Sanders S. Preliminary; Analysis of the Association between Mortality and Position among National Football League Players. *Chronic Traumatic Encephalopathy Conference*, October 24-25, 2018, Boston, MA.
9. Mary Graham & **Bhavneet Walia**, Syracuse University and Christopher Robinson, Tulane University – Impact of Women Managers on Employee Conduct. The 2017 EEO DATANET CONFERENCE, June 22-23, 2017

University and Community Presentations (Recent)

1. **Bhavneet Walia**. Research in progress. Telehealth. September 18, 20
2. Laura-Anne Minkoff Zern, **Bhavneet Walia**. Agricultural Guestworkers and the New Immigrant Economy. Falk college Seed Grant Presentation. October 25, 2019.

3. Brittany Kmush, Madeline Mackowski, **Bhavneet Walia**, Shane Sanders, Justin Ehrlich. *A Logistic Regression Analysis of Reported Concussion Risk among NCAA FBS Football Players*. Falk College Research Colloquium. October 25, 2019
4. **Bhavneet Walia**, Laura-Anne Minkoff Zern. Promoting Economic Well-Being, Mental Health, and Food Security Through Gardening: A Multidisciplinary Perspective. Lerner Center Presentation. January, 2020
5. Kmush BL, Owora A, Sanders S, **Walia B**. Risk Factors for Short and Long Term Adverse Health Outcomes among College and Professional American Football Players. *Falk Research Colloquium*. Syracuse University. November 9, 2018.
6. **Bhavneet Walia**. National Longitudinal Surveys 79 Children and Young Adults: An Overview. Falk Research Center. April 20, 2018.
7. **Bhavneet Walia**. National Longitudinal Surveys: An Overview. Falk Research Center. October 27, 2017

Honors and Fellowships

Nominated for the Faculty of the Year Award Research, Falk College, Syracuse University, 2021
 Illinois Economics Association President, 2016
 Western Illinois University Provost Award, Excellence in Campus Internationalization, 2015
 Western Illinois University, College of Business and Technology Award Excellence in Campus Internationalization, 2014
National Association for Business Economics, Business Analytics Certification Program, Washington D.C., 2012
 Carroll B. Greene Award graduate program, 2007
 Graduate Teaching assistantship, Kansas State University, 2003

Educational Contribution

Courses Taught

Undergraduate Courses (since 2016)

Syracuse University, Syracuse, NY
 Econometrics (ECN 422), 2016-18
 Principles of Economics (ECN 212), 2017-18
 Public Health Data (PHP223), 2016-present

Graduate Courses (since 2016)

Syracuse University, Syracuse, NY
 U.S Healthcare Delivery (PHP 313), 2016-present
 Health Leadership and Management (PHP 627), 2016-present

Teaching Evaluations (most recent, 2021)

Spring 2021 (I gained a better understanding of the Public Health concepts covered in this class.):

HTW 223: **5.80, 5.57, 5.50**

HTW 313: **5.57**

Fall 2021 (I gained a better understanding of the Public Health concepts covered in this class.):

HTW 223: **5.50, 5.44**

HTW 313: **5.29**

Student Supervision

Shaelise Marie Tor (2020-2021): Ph.D. dissertation committee member.

Caroline Ruth King (2020-present); Public Health; Honors Capstone Advisor; Title: Impact of Affordable Care Act.

Emily Morris (2019-present); Public Health; Honors Capstone Advisor; Title: Bias In Stroke Care. Fall 2020 Renee Crown University Honors Program Award

Alizee McLorg (2019-2020) Public Health; Honors Capstone advisor: Title: Examining the Wealth Trends in Kombewa, Kenya

Madeline Mackowski (2018-2020) Public Health; Master's thesis committee member. Title: Identifying factors limiting effective coverage of Indoor residual spray campaigns.

Alexis Whellan (2016-2018) Economics Honors Capstone Advisor: Title: Maternal Mortality in the U.S.

Research Assistants: Lydia Rose Andrews, Jared N Zippin, Tim Bryant, Andrew Perry, Justin Thierry, Gursimar Singh, Savreen Kang, Shaelise Marie Tor, Julie Kappil, Dominique N Walker.

Mentee Grants (Funded)

Refugee Resettlement; Savreen Kang; SU SOURCE grant; 2020; Completed
 Telehealth Efficiency; Gursimar Singh; SU SOURCE grant; 2020; Completed
 Social Media and Health Behaviors, Kenna Kelley; SU SOURCE; Completed
 Refugee Resettlement, an empirical analysis; Savreen Kang, SU SOURCE; (2020-present)
 Telehealth Efficiency; Patient Perspective; Gursimar Singh; SU SOURCE; (2020-present)

Workshops

Demystifying NIH: Diverse Strategies for Finding and Securing NIH Funding, 2021

Summer Institute for Technology-Enhanced Teaching and Learning (2017), Syracuse University, Syracuse, NY

November 2011, National Association for Business Economics, Business Analytics Certification Program, Washington D.C.

August 2010, Quality Matters training, "Improving Your Online Course"

July 2010, Master Advisor training, Nicholls State University

July 2007, National Longitudinal Survey User Workshop, Columbus, Ohio

Reviewer Service

BMJ Open Respiratory Research, PLOS One; Cyberpsychology, Behavior, and Social Network; World Population Health; Healthcare; Journal of Economic Behavior & Organization; Journal of Applied Econometrics; Bulletin of Economic Research; Journal of Economic Education; Southern Business and Economic Journal; Economics Bulletin

Service and Activities

2018-present: Falk College Student Research Day Committee.
 2018-present: Department of Public Health Global Outreach Committee
 2013-2016, WIU India Recruiting Initiative Committee
 Attended a major recruiting conference in India toward the recruitment of students from India;
 Helped create an iBook presentation toward said recruitment
 2013-2015, Chair, WIU University Council for International Education
 2008-2010, External Speaker Coordinator, Introduction to American Business
 2009-2010, Co-advisor, Nicholls International Community, NSU
 2008-2010, Student Advising, NSU
 Have advised more than 10 students on curricular and scheduling matters.
 2008-2010, Undergraduate Curriculum Committee, NSU
 2010, Host Family, International (French) Students, NSU,
 2010, Faculty Co-Coordinator, Bhangra Dance and Cultural Celebration Event, NSU Library,
 2009-2010, NSU Master Advisor (Certification Completed in July 2010)
 2010, Quality Matters Online National Teaching Certification
 2007-2008, Trenary Chair Recruiting Committee, KSU,
 2003-2006, Social Committee Member, Department of Economics, KSU,
 2005-2006, Events Committee Member, Department of Economics, KSU,
 2004-2005, KSU Graduate Student Council, Health Insurance Committee

Professional Affiliations

American Public Health Association (APHA); 2017-present
 Labor and Employment Relations Association (LERA); 2020-present
 Sport and Society; 2019-present
 The American Society of Tropical Medicine and Hygiene; 2018-present
 Midwest Sports Analytics Meeting; 2017-present
 Academy of Economics and Finance; 2010-present
 Illinois Economics Association; 2013-2016