

NISHMEET SINGH

Doctoral Researcher- Agriculture and Food Security

I am a passionate food systems researcher. I use quantitative and participatory qualitative approaches, to gather evidence for research and programs that focus on improving food security, dietary habits, nutrition and health, while promoting equity across diverse populations.

CONTACT

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EDUCATION

2022 - (in-progress)

UNIVERSITY OF EDINBURGH, UK

- PhD, Agriculture and Food Security

2013 - 2015

SOUTH ASIAN UNIVERSITY, INDIA

- Masters in Development Economics

2010 - 2013

UNIVERSITY OF DELHI, INDIA

- Bachelors in Economics

SKILLS

- Primary research - design and implementation
- Participatory qualitative methods
- Coding and Analysis- R, Stata
- Geospatial analysis
- Lit reviews- Covidence
- Citation manager: Zotero
- Digital surveys: SurveyCTO

RESEARCH EXPERIENCE

University of Edinburgh

DEC 2022 - Present

Doctoral Researcher

Mentors: Prof. Lindsay Jaacks, Prof. Marisa Wilson

- Characterize the drivers of food choice among women in rural Northern Tanzania (East Africa), and assess their influences on consumption and dietary intake of fruit and vegetables by linking individual, household, and food environment data
- Using a mixed-methods approach, including designing and implementing participatory qualitative inspired by ethnographic research and food geography

International Food Policy Research Institute

2019 - 2022

Research Analyst

- Worked on a quasi-experiment that provided evidence of the impacts of nutrition-sensitive programs in Sri Lanka
- Secondary data analysis of quantitative Demographic Health Surveys from India, to understand trends and opportunities in nutrition and health outcomes
- Prepare research and policy briefs to guide the Indian government's nutrition policy

Energy Policy Institute, University of Chicago

2017 - 2019

Senior Research Associate

- Understanding defensive health behaviour among urban poor in India. An RCT estimating the willingness to pay for pollution masks and the health impacts of pollution
- Does household electrification supercharge economic development? Analysis of spatial data to understand 'missing night lights' in Africa (2019). <https://www.aeaweb.org/content/file?id=11509>

PEER-REVIEWED ARTICLES

- Jaacks, L. M., **Singh, N.**, & Awasthi, A, et.al. (2025). Association of membership in a farmer producer organization with crop diversity, household income, diet diversity, and women's empowerment in Uttar Pradesh, India. PloS one, 20(3), e0319704.
- **Singh N.**, Scott S, Kumar N, et al. Food Insecurity and Perceived Effects of COVID-19 on Livelihoods in Rural Sri Lanka. Food and Nutrition Bulletin. 2023;44(4):229-239.
- Nguyen PH, **Singh N.**, & Menon P, et al. (2022). Unequal coverage of nutrition and health interventions for women and children in seven countries. Bulletin of the World Health Organization, 100(1), 20-29.
- Nguyen PH, Scott S, Headey D, **Singh N.**, ... & Menon P, et al. (2021). The double burden of malnutrition in India: Trends and inequalities (2006-2016). PLoS ONE 16(2): e0247856.
- Harish, S., **Singh, N.**, & Tongia, R. (2020). Impact of temperature on electricity demand: Evidence from Delhi and Indian states. Energy Policy, 140.

AWARDS

- Fellowship: USD 30000 (Individual, 2023-2024)
CGIAR's Standing Panel on Impact Assessment
- International Science Partnerships Fund: USD 4000 (Individual, 2024)
University of Edinburgh
- Student Experience Grant: USD 6500 (Co-applicant, 2025)
University of Edinburgh

RESEARCH MANAGEMENT EXPERIENCE

Anuvaad Solutions, India.

2023 - 2024

Research Consultant

- Exploring evidence-based strategies for the promotion of Farmer Producer Organizations (FPOs) engaged in the production of nutri-dense crops.

Edinburgh Futures Institute, University of Edinburgh

February 2023 - May 2023

Research Consultant

- A rapid review to inform the use of satellite data to improve estimates of child wasting, with a focus on seasonal dimensions ([Final report](#))

Outline India

2015- 2016

Research Analyst

- Supported data collection activities for an impact evaluation on child labor in India

PEER-REVIEWER

- The Lancet Child & Adolescent Health
- Food Security
- Social Sciences & Humanities Open

CONFERENCE AND RESEARCH PRESENTATIONS

- Oral presentation at the International Congress of Nutrition (ICN), Paris (August 2025, accepted)
- Poster Presentation at Africa Research Day, University of Edinburgh (2024)
- Oral presentation at the Development for Nutrition (D4N) annual conference (2023)
- Oral presentation at the American Society of Nutrition (ASN) annual conference (2021)
- Oral presentation at the Development for Nutrition (D4N) annual conference (2021)
- Oral presentation for the Ministry of Health and Agriculture, Sri Lanka (2021)
- Poster presentation at the American Society of Nutrition (ASN) annual conference (2020): Health and nutrition interventions in South Asia

RESEARCH AND POLICY BRIEFS

- Margolies, A; Choo, E; **Singh, N**; Olney, D et.al. 2024. Resilient Cities Urban Nutrition Profile: Bangladesh. Resilient Cities Country Profile. Washington, DC: International Food Policy Research Institute. Resilient Cities Urban Nutrition Profile: Bangladesh
- Kapoor, R; **Singh, N**; S. Chamois, et.al. 2023. How is India Doing on Malnutrition and Non Communicable Diseases? Insights from the National Family Health Surveys (2005 06 to 2019-21). POSHAN Data Note No. 92. New Delhi, India: International Food Policy Research Institute (IFPRI).
- District Nutrition Profiles (2022): **Singh. N.**, P.H. Nguyen,.., and P. Menon. 2022. District Nutrition Profile: International Food Policy Research Institute. <https://poshan.ifpri.info/district-nutrition-profiles-directory/>
- State Policy Papers (2021): **Singh, N.**, R. Avula,...P.H. Nguyen. 2021. State Nutrition Profiles for Assam, Gujarat, Nagaland. POSHAN Data Notes. New Delhi, India: International Food Policy Research Institute. <https://www.niti.gov.in/policy-papers>
- Research brief (2021): **Singh. N.**, M. Jangid, S. Kim, P. Menon. 2021. Measuring food security in the context of COVID-19 in India: A review of measurement tools and adaptations to phone-based data collection. New Delhi: DataDENT / International Food Policy Research Institute. <https://datadent.org/2021/11/01/why-harmonization-of-food-security-measurement-in-phone-surveys-is-needed-lessons-from-india/>