

Contact

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Current Position

Working as Research Assistant, in Clinical Epidemiology Research Group, Research Institute of Medical and Health Sciences, University of Sharjah, Sharjah-UAE.

Job description

- Development of research proposals, preparing technical report and research articles on identification of prevalent chronic diseases in UAE and underlying risk factors.
- Conducting epidemiological studies, training field investigators, determining sample size, developing data collection tools (eg- CAPI) and supervising data collection (both qualitative and quantitative))
- Advanced Statistical analysis (e.g.- multi-level analysis, decision tree modelling etc.) of primary and secondary data related to public health and chronic diseases.

Research Interest & Skills

Statistical Techniques ; Demography ; Public Health ; Qualitative Research Methods, Development of reports, research proposals and policy documents, Competent in use of advanced data analysis software (STATA, SPSS, R, ATLAS Ti, NVIVO, SPECTRUM, MORTPAK)

Education

2019 PhD in Population Studies. International Institute for Population Sciences (IIPS), Mumbai, India

- Dissertation : “ District level Mortality in India: Understanding the spatial clustering, inequality, neighborhood effect and attributable risks in mortality”

2013: Qualified **University Grant Commission’s (UGC) National Eligibility Test (NET)** an eligibility test for college and university level lectureship for Indian Nationals

2013 Master in Population Studies. International Institute for Population Sciences (IIPS), Mumbai, India

- Dissertation : Obesity and Associated Co-morbidities in India

2012 MSc in Health Statistics. Banaras Hindu University (BHU), Varanasi, India

- Dissertation : Awareness about Hypertension and Diabètes among highly educated personals

2010 BSc (Hons) majoring in Statistics. Banaras Hindu University (BHU), Varanasi, India

Work Experience

March 2017 -March 2021 : Program Officer, Population Council (a research organization), Reproductive Health division, New Delhi, India.

- Engaged in Monitoring, Learning and evaluation (MLE) of the Investments in family planning in India, a project funded by Bill and Melinda Gates Foundation.
- Supported the evaluation study of a small scale intervention aiming to reduce repeat unintended pregnancies by increasing the uptake and continuation of contraception among women who accessed the MA drugs from the pharmacists
- Mentored young research students in developing research articles as part of 'Research and analyses for scientific transformation and advancement (RASTA) initiative, undertaken by Population Council, India

May-Oct 2019 : Consultant for qualitative content analysis – for “UNICEF funded project- scale and nature of deprivation among children and adolescents in urban India”, National Institute for Urban Affairs (NIUA), New Delhi, India

June-Aug 2016 : Research Assistant – in Young Scientists Summer Program (YSSP), World Population, International Institute for Applied Systems Analysis (IIASA), Austria

Peer Reviewed Publications

1. Vázquez-Quesada L, **Shukla A**, Vieitez I, Acharya R and RamaRao S (2020). Abortion Self-Care: A Forward-Looking Solution to Inequitable Access. *International Perspectives on Sexual and Reproductive Health* 46 (No. Supplement 1, Focus on Abortion) pp. 91-95
2. **Shukla A**, Acharya R, Kumar A, Mozumdar A. et al (2020). 'Client-provider interaction: understanding client experience with family planning service providers through the mystery client approach in India'. *Sexual and Reproductive Health Matters* 28(1):1822492.
3. Bhasin S, **Shukla A**, Desai S (2020). 'Services for women's sexual and reproductive health in India: an analysis of treatment-seeking for symptoms of reproductive tract infections in a nationally representative survey'. *BMC Womens Health* 20(1):156. doi:10.1186/s12905-020-01024-3
4. Kumar, A., Jain, A.K., Ram, F. Acharya R, **Shukla A**. et al (2020). 'Health workers' outreach and intention to use contraceptives among married women in India'. *BMC Public Health* 20, 1041. <https://doi.org/10.1186/s12889-020-09061-1>
5. **Shukla A**, Jain AK, Acharya R, Ram F, Mazumdar A, Kumar A, Mondal S and Saggurti N (2020). 'Share of current unmet need for modern contraceptive methods attributed to past users of these methods in India' forthcoming in *Journal of Biosocial Sciences*,1-2
6. **Shukla A**, Kumar A, Mazumdar A, Aruldas K, Acharya R, Ram F and Saggurti N (2020) 'Association between modern contraceptive use and child mortality in India: A calendar data analysis of the National Family Health Survey (2015-16)' *SSM - Population Health* 11, 100588

7. Vázquez-Quesada L, **Shukla A**, Vieitez I, Acharya R and RamaRao S (2020). Abortion Self-Care: A Forward-Looking Solution to Inequitable Access. *International Perspectives on Sexual and Reproductive Health* 46 (No. Supplement 1, Focus on Abortion) pp. 91-95
8. **Shukla A**, Acharya R, Kumar A, Mozumdar A. et al (2020). 'Client-provider interaction: understanding client experience with family planning service providers through the mystery client approach in India'. *Sexual and Reproductive Health Matters* 28(1):1822492.
9. Bhasin S, **Shukla A**, Desai S (2020). 'Services for women's sexual and reproductive health in India: an analysis of treatment-seeking for symptoms of reproductive tract infections in a nationally representative survey'. *BMC Womens Health* 20(1):156. doi:10.1186/s12905-020-01024-3
10. Kumar, A., Jain, A.K., Ram, F. Acharya R, **Shukla A**. et al (2020). 'Health workers' outreach and intention to use contraceptives among married women in India'. *BMC Public Health* 20, 1041. <https://doi.org/10.1186/s12889-020-09061-1>
11. **Shukla A**, Jain AK, Acharya R, Ram F, Mazumdar A, Kumar A, Mondal S and Saggurti N (2020). 'Share of current unmet need for modern contraceptive methods attributed to past users of these methods in India' forthcoming in *Journal of Biosocial Sciences*,1-2
12. **Shukla A**, Kumar A, Mazumdar A, Aruldas K, Acharya R, Ram F and Saggurti N (2020) 'Association between modern contraceptive use and child mortality in India: A calendar data analysis of the National Family Health Survey (2015-16)' *SSM - Population Health* 11, 100588

Manuscripts in Submission/Preparation

Singh I, **Shukla A**, Thulaseedharan J, and Singh G (2021) 'Contraception for married adolescents (15-19 years) in India: Insights from National Family Health survey (NFHS)' under review in *BMC reproductive Health*

Shukla A, Vazquez L, Vieitez I, Acharya R and RamaRao S (2020) 'A women-Focused Framework for Abortion Quality of Care (A-Qoc)' under review in *International Perspectives on Sexual and Reproductive Health*

Singh, A and Arnold, F and **Shukla, A** and Kumar, K (2020). 'Potential Interviewer Bias in the 2005–06 National Family Health Survey in India'. Available at SSRN: <https://ssrn.com/abstract=3635905>

Samir KC, Mishra R, Mishra R and **Shukla A**. (2020) 'Community COVID-19 Vulnerability Index in India'. Available at : IIASA website <http://pure.iiasa.ac.at/id/eprint/16481/>.

Shukla A, Karabchuk T and Al Neyadi LM. (2021) 'Gender roles and desired number of children among Emirati youths', to be submitted.

Kundu D, **Shukla A**, Mishra R and Pandey A. (2021) 'Crime and children in india: mapping the Vulnerabilities through content analysis' to be submitted.

Teaching & Training
Experience

2013: Qualified **University Grant Commission's (UGC) National Eligibility Test (NET)** an eligibility test for college and university level lectureship for Indian Nationals

December 2020 : Delivered Online Training sessions on "*Using Microsoft Excel For Research Data Analysis*" organized for Masters Students of School of Health Systems Studies, Tata Institute of Social Sciences, Mumbai.

March-June 2020 : Mentored two masters students in developing research articles on the topics- 1. Contraception for married adolescents (15-19 years) in India and 2. Women empowerment and contraceptive use in Indian urban poor.

Invited presentations
at scholarly
meetings/workshops

2018 : Presented a paper entitled 'Persistence of Deprivation and its effect on health in India' at the **15th International conference on Urban Health** 'Managing Urbanization for Health : A Priority for all Nations', Nov 26-30, 2018, Kampala, Uganda

2018 : Presented a paper entitled 'Client-provider interaction : Evaluating client's experience with family planning service providers through mystery client approach in India' at **the International conference of Family Planning (ICFP)**, November 12-15, 2018, Kigali, Rwanda

2018 : Presented a paper entitled 'Contribution of contraceptive discontinuation on unmet need for family planning' at the **International conference of Family Planning (ICFP)**, November 12-15, 2018, Kigali, Rwanda

2018 : Presented a paper entitled 'Hysterectomy: Unpacking the state variation' in 'Consultation on Hysterectomy: New Evidence & Directions for Research, Advocacy and Programs', September 2018, New Delhi, India

2017 : Presented a paper entitled 'Contribution of Environmental risks on child mortality disparities in districts of India' at the International population conference (IPC), organized by **International Union for the Scientific Study of Population (IUSSP)**, 29 Oct-3 Nov 2017, Cape town, South Africa

2017 : Presented a paper entitled 'Effect of neighboring areas socio-economic status on mortality inequalities in India' at the **International Seminar on Urban Health Transformations, organized in collaboration with the University of Cambridge**, United Kingdom, July 11-12, 2017

2016: Presented a paper entitled 'Residential Segregation and Mortality rates: A geospatial inequality of mortality rates in India' at **International Sociological Association (ISA) 2016 Summer Conference**, Research Committee on Social Stratification and Mobility (RC28), May 26-28, 2016, Singapore.

2015: Presented a paper entitled '*Impact of Abortions on women's health and child outcomes in India*' at the **12th SEA Regional Scientific Meeting of the International Epidemiological Association**, November 24-26, 2015, Bangkok, Thailand

2015: Presented a paper entitled 'Trends in inequality in length of life in India: a decomposition analysis by age and causes of death' at the 3rd **Asian Population Association (APA) Conference**, July 2015, Kuala Lumpur, Malaysia, July 27-31, 2015.

2015 : Presented a paper entitled 'Contribution of Education in the changing Female Wage Structure in last two Decades in India' at the 3rd **Asian Population Association (APA) Conference**, July 2015, Kuala Lumpur, Malaysia, 27-31 July 2015

2014 : Presented a paper entitled 'Economic inequalities and health among older adults in rural India and China' at the Annual Conference of **Indian Association for the study of Population (IASP)**, November 2014, Kerala

2014 : Presented a paper entitled 'Urban Area Disadvantage and Under-5 Mortality in India' at the workshop on **National Health Mission: Achievement and Challenges held at Institute for Economic Growth**, Delhi from September 8-12, 2014

2013 : Presented a paper entitled 'Obesity and Associated co morbidities in India' at the Annual Conference of **Indian Association for the study of Population (IASP)**, December 2013, Rohtak, Haryana, India

Training & Workshops

2020 : Attended training on '**Python, Machine Learning, and Artificial Intelligence**' conducted Population Council, New delhi, India, February 5-9

2019 : Attended workshop on '**R for demography and Sub national projection**' conducted by Asian Demographic Research Institute, Shanghai University, Shanghai, China, October 5-17

2018 : Attended '**RASTA Family Planning workshop**' conducted by Population Council, New Delhi, India, February 9-11, 2018.

2017 : Attended '**Training Course on Bayesian Population Projections : Theory and Practice**', Graduate School of Business, University of Cape Town, 28-29 October

2016 : Attended Workshop on '**Customised Hands-On GIS Training**' held at IIPS, Mumbai during January 2016

2015 : Workshop on '**Scientific Writing for Research Publication**' held at IIPS, Mumbai during December 11-15

2014 : Attended the '**Training workshop on Demographic Computations Series 2 Multistate Population Projection in Excel and R**' held at ISEC, Bangalore during November 24- December 2, 2014

2014 : Attended the national workshop on '**National Health Mission : Achievements and Challenges**', September 8-12, 2014, held at IEG, Delhi

2012 : Attended a short-term training course on '**Data collection and its management**' at camp office, Kala-Azar Medical Research, Muzaffarpur, Bihar, India

Honors & Awards

2019: Awarded “**Excellent work performance**” in the organization Population Council, India for the year 2018-19

2018: Young researcher scholarship to attend '**International conference of Family Planning (ICFP)**', November 12-15, 2018, Kigali, Rwanda

2017: Full scholarship to attend '**Training Course on Bayesian Population Projections: Theory and Practice**', October 28-29, 2017, Graduate School of Business, University of Cape Town

2017: Full financial aid on behalf of the **Scientific Panel on Historical Demography of the International Union for the Scientific Study of Population (IUSSP)**, to attend International Seminar on Urban Health Transformations, organised in collaboration with the University of Cambridge

2016: Financial aid from the Indian National Member Organization (NMO), Technology Information, Forecasting and Assessment Council (TIFAC) to attend three months **Young Scientists Summer Program (YSSP), World Population 2016, International Institute for Applied Systems Analysis (IIASA), Austria**

2016: Student travel award for attending **International Sociological Association (ISA) 2016 Summer Conference**, Research Committee on Social Stratification and Mobility (RC28), May 26-28, 2016, Singapore

2015: Full scholarship for attending **12th SEA Regional Scientific Meeting of the International Epidemiological Association**, Bangkok, Thailand

2015: Asian Population Associations' travel grant to participate in **3rd Asian Population Association conference** held at Kuala-Lumpur, Malaysia

2013: University Grant Commission's (UGC) Junior Research Fellowship for pursuing PhD Course in International Institute for population Sciences from 2013 onwards

2013: Gold medalist in 'Masters in Population Studies', 2012-2013, IIPS, Mumbai

Professional Affiliations

Annual Member of **Indian Association of Population Sciences (IASP)** since 2013

Student Member of **IIPS Alumni Association (IIPSAA)** since 2015

Student Member of **International Sociological Association (ISA) RC28** since March 2016

Student Member of **International Union for the Scientific Study of Population (IUSSP)** since March 2017

Annual Member of **International Society for Urban Health** since December 2018