

# PRIYANKA VYAS

Postdoctoral Researcher,  
Center for Tobacco Control Research and Education  
Cardiovascular Research Institute, School of Medicine  
530 Parnassus Avenue  
University of California, San Francisco, CA-94143  
Email: [Priyanka.vyas@ucsf.edu](mailto:Priyanka.vyas@ucsf.edu); [priyaanka.vyas@gmail.com](mailto:priyaanka.vyas@gmail.com)  
Website: <http://priyankavyas.info/>

## INTERESTS AND EXPERTISE

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Geography of health and public policy, Spatial approaches to public health and policy decision-making, media and public policy; health inequities and disparities; urban planning and health; evidence-based policy making, research design and methods

## EDUCATION

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Ph.D in Public Policy and Political Economy School of Economic, Political, and Policy Sciences, The University of Texas, Dallas Dissertation: <i>“Examining the spatial mismatch in the supply and demand for maternal and child health services in Bangladesh”</i> Committee: Brian J.L. Berry, Dohyeong Kim, Michael Tiefelsdorf, Richard Scotch	2017
Certificate in Geospatial Information Science School of Economic, Political, and Policy Sciences, The University of Texas, Dallas	2016
Master of Public Administration School of Public and International Affairs North Carolina State University, Raleigh	2011
Bachelor of Arts (Political Science) Wilson College, Mumbai	2006

## PROFESSIONAL EXPERIENCE

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Postdoctoral Researcher University of California, San Francisco,	July 2017-Present
Instructor of Record University of Texas, Dallas	Spring 2017
Program Assistant	Fall 2015-Summer 2017

Assessments and Accreditation  
University of Texas, Dallas

Research Associate ( Affiliation)  
Center for Geospatial Research in Global Health Policy  
University of Texas, Dallas

Fall 2015-Summer 2017

Graduate Teaching Assistant  
Undergraduate and graduate statistics  
University of Texas, Dallas

Spring 2013-Fall 2015

Research Assistant  
Prof. Karen Eggleston  
Walter H Shorenstein Asia Pacific Research Center, Stanford University

Feb-July 2012

Policy Research Intern  
Public School Forum, North Carolina

May-July 2012

Senior Reporter  
The Hindu Business Line newspaper, New Delhi

June 2006-2009

## **PUBLISHED RESEARCH**

Dohyeong Kim, Malabika Sarkar, **Priyanka Vyas**, “Role of spatial tools for public health decision-making in Bangladesh”, Journal of Health, Population, and Nutrition, February, 2016 . Funded by EPPS Advisory Council, Amount \$5000

Simon Fass, Divakaran Lal, Rami Youssef, **Priyanka Vyas**, “ Understanding the causes of construction safety related accidents : What differentiates construction safety in the Arabian Gulf region?”, Journal of Applied Ergonomics, May, 2016

**Priyanka Vyas**, Dohyeong Kim, Alayne Adams, “Understanding spatial and contextual factors influencing child immunization coverage in Bangladesh”. Asia Pacific Journal of Public Health, Nov, 2018

## **CONFERENCES AND INVITED TALKS**

- Presented at the **American Public Health Association Conference**, “Keeping unhealthy neighbors at bay: the effects of a density ordinance in reducing spatial clustering of tobacco and alcohol outlets”, San Diego, November, 2018
- Presented at the Center for Tobacco Control Research and Education, UCSF San Francisco, Annual Retreat, “Do good fences make good neighbors? Examining the role

of the San Francisco Retail Density Ordinance in reducing concentration in high-risk areas? ”, April 2017

- Presented at the Annual **American Association of Geographers conference**, “Fending off bad neighbors: Evaluating the role of San Francisco Retail Density ordinance in reducing concentration in high-risk areas”, April 2017
- Guest speaker at the UTD undergraduate global health and illness class, March 2016
- Attended ESRI Health and GIS conference in September 2015
- Selected for a paper presentation at **Association for Public Policy Analysis and Management** conference , “Bangladesh Immunization Divide: Going Beyond Regional Differentials”, Fall 2015
- Presented a poster at the **International Geo-computation Conference** hosted at the University of Texas, Dallas, May 2015
- Invited as a guest speaker for the UTD undergraduate global health class in March 2015
- Invited for a student presentation at the **University of Texas, Southwestern Medical School Global Health Symposium**, Dallas, January 2015
- Poster presentation at the **Association of Public Policy Analysis and Management** at the “Evaluating the role of spatial tools to scale up child immunization coverage in Bangladesh”, Fall conference 2014 at Albuquerque, New Mexico

## **MEDIA HIGHLIGHTS OF PUBLISHED WORK**

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Op-ed piece on “Too cagey about sharing geospatial data” featured in the Hindu Business Line newspaper, July 2016  
<http://www.thehindubusinessline.com/todays-paper/tp-opinion/too-cagey-about-sharing-geospatial-data/article8925897.ece>

Interview with Mohammed Arju featured in the Daily Sun on public health and GIS in Bangladesh July 2016  
<http://www.daily-sun.com/post/153248/Interview:-How-Bangladesh-can-improvepublic-health- with-GIS-tools>

Interview with Kim Horner on GIS and Public Health July 2016  
[https://www.utdallas.edu/news/2016/7/7-32048\\_Study-Tackles-Public-Health-in-Bangladesh- Using-Ge\\_story-wide.html](https://www.utdallas.edu/news/2016/7/7-32048_Study-Tackles-Public-Health-in-Bangladesh- Using-Ge_story-wide.html)

## **PROFICIENCY IN SOFTWARE AND STATISTICAL PACKAGES**

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STATA (Data management and statistical analysis)

R ( Statistical packages and spatial analysis)  
HLM 7 ( Multilevel Modelling)  
ArcGIS Desktop and Online, Geoda, Maptitude  
Nvivo, QDA Miner (Content Analysis)  
LaTeX (Professional reports, manuscripts, and publication preparation)

## **ADDITIONAL TRAINING**

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Bayesian Disease Mapping by Andrew Lawson, Professor 2017  
Medical University of South Carolina and Consultant to the World Health Organization,

Certificate in Teaching Effectiveness for Upcoming Professors 2018  
Office of Postdoctoral Career and Development,  
University of California, San Francisco

Advanced certificate in teaching effectiveness for Upcoming Professors 2018  
Office of Postdoctoral Career and Development  
University of California, San Francisco

## **ACTIVITIES AND INTEREST**

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- Member, Jindal School of Management Toastmasters 2015-2017  
At University of Texas at Dallas
- Vice President, Public Relations, Jindal School of Management 2016  
Toastmasters
- Member, UCSF Toastmasters 2018
- Secretary, UCSF Toastmasters 2018-19
- Member, American Association of Geographers
- Member, Association of Policy Analysis and Management
- Member, American Association of Policy Analysis and Management
- Member, American Public Health Association