

The BBVA Foundation and the Spanish National Research Council (CSIC)  
are pleased to invite you to the lecture:

## *Spatial Demography: Progress and Prospect*

**Stephen A. Matthews**

**Liberal Arts Professor of Sociology, Anthropology, and Demography, Penn State University (USA)**

### Summary:

In this talk I will define spatial demography and reflect on its position within the wider discipline, as well as discussing future or anticipated directions the field may take, with the focus once more on both research and instruction. I will discuss salient issues in conceptual and spatial thinking, data privacy, data and measurement, and methods and applications (including comparisons between multilevel, network and spatial analytical frameworks). Also, I will include a review of spatial demography as presented in the pages of some of our journals, along with a discussion on the future contribution of spatial demographers in big research questions, and their engagement in interdisciplinary and team science, including mixed method research and qualitative studies.

### Biography:

Stephen A. Matthews is Liberal Arts Professor of Sociology, Anthropology, and Demography (Courtesy Geography and School of International Affairs) and for the past five years has been director of the Graduate Program in Demography at Penn State. The Graduate Program in Demography is a multi-department, multi-college, dual-degree program with over 40+ faculty, 60+ graduate students and 30+ substantive and methods courses.

Matthews was trained in quantitative geography and planning and for eighteen years served as director of the Geographic Information Analysis (GIA) Core at Penn State's NICHD-funded Population Research Institute. He has led NIH-funded training initiatives in spatial thinking and methodologies applied to health and demographic research in the United States, and was co-editor of a recent book, *Recapturing Space: New Middle-Range Theory in Spatial Demography* (Howell, Porter, and Matthews, 2016). The central tenets of Matthews' teaching and research scholarship are population health and health inequality in community contexts. He has published in the leading journals in several fields - demography, sociology, geography, public health and epidemiology - on topics including residential segregation and neighborhood change, activity space research, physical activity, diet and obesity, food environments, alcohol outlets, adolescent risk-taking behaviors, access to health, women's health, mortality, border malaria, social/spatial networks, crime, and religious landscapes. Matthews was an associate editor for *Demographic Research* (2012-2016) and has recently served on the editorial boards of four other journals: *American Journal of Preventive Medicine* (2005-2016); *Spatial Demography* (2012-2016); and *Geo-Journal* (2010-2016). He has served on the editorial board of *Demography* since 2010, and in 2016 began formal duties as co-editor of the journal (term: 2016-2019).

The **Demography Today** lecture series aims to **promote and communicate** scientific work on demography through the dissemination of research and the **training of specialists** in issues related to demography, Big Data, longitudinal records and health, while informing society, in an accessible way, about issues currently in the foreground of scientific and political debate, such as the limits to longevity, pension systems, ageing, emerging diseases, migration and low fertility.

This lecture series enjoys the exclusive support of the BBVA Foundation and has been co-organized with the Spanish National Research Council and the LONGPOP project (Methodologies and Data Mining Techniques for the Analysis of Big Data based on Longitudinal Population and Epidemiological Registers). The LONGPOP project has received funding from the European Union's Horizon 2020 research and innovation program under a Marie Skłodowska-Curie grant.

All **lectures** are **available for viewing** on the interactive platform: [www.demografia.tv](http://www.demografia.tv)

The lecture series also forms part of the Postgraduate Courses run by the Spanish National Research Council (CSIC).

### Information and contact:

e-mail: [demografia@cchs.csic.es](mailto:demografia@cchs.csic.es)

Director of series: Diego Ramiro Fariñas

<http://demografia.iegd.csic.es>

Tel: (34) 916022403  
(34) 916022782

[twitter @demografia\\_csic](https://twitter.com/demografia_csic)



**Monday, May 21 at 19:00**  
**Fundación BBVA**  
Paseo de Recoletos, 10  
28001-Madrid

**REQUEST ATTENDANCE**

**Please confirm attendance. Limited seating**  
e-mail: [confirmaciones@fbbva.es](mailto:confirmaciones@fbbva.es)

**The lecture will be delivered in English without translation**