

UCR Retirees' and Emeriti Associations
and UCR Osher Present

The Edward A. Dickson Emeritus/a Professorship Lecture Series

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"The Accuracy of Hamilton-Perry Population Projections for Census Tracts in the United States"

Tuesday, February 9, 2021

3:30 - 5:00 p.m.

All lectures meet online via Zoom

Featuring

David A. Swanson

Edward A. Dickson Emeritus Professor,
Department of Sociology, UCR



Description

In a first-ever nation-wide census tract evaluation, Swanson assesses the accuracy of the Hamilton-Perry population projection method for 65,221 census tracts. The test uses 1990 and 2000 census tract data by age and gender to construct cohort change ratios, which are then applied to 2000 census tract data to generate 2010 Hamilton-Perry projections. These ratios are evaluated in an ex post facto test against the reported 2010 census tract data by age and gender. As this project explains, simple linear extrapolation provides more accurate projections of the total population than does the Hamilton-Perry Method.

Join the Zoom Meeting:

<https://ucr.zoom.us/j/92846252979?pwd=bnNGamMxaHpUK1lhWEtYkVia2Mrdz09>

Meeting ID: **928 4625 2979** | Passcode: **862652**

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Speaker Biography



David A. Swanson serves on the external advisory committee for the Geospatial and Population Studies Center at the University of New Mexico and the advisory board for Penn State University's online MA Program in Applied Demography. He has served as an

expert witness and testified before Congress, state legislatures and local government bodies. In addition to being a Fulbright specialist in Demography, he has received two Fulbright awards and more than \$2.3 million in grants and contracts. In the Spring of 2020, Swanson wrote 12 articles on the COVID-19 Pandemic for Northwest Citizen. He is an affiliated faculty member with the Center for Studies in Demography and Ecology at the University of Washington and a Research Fellow with the Social Science Research Center at Mississippi State University. His B.Sc. is from Western Washington State College (now known as Western Washington University), and his Ph.D. and M.A. are from the University of Hawai'i. He also holds a Graduate Diploma in Social Sciences from the University of Stockholm.

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