

BMJ Open The Understanding America Study (UAS)

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ABSTRACT

Purpose The Understanding America Study (UAS) is a probability-based Internet panel housed at the Center for Economic and Social Research at the University of Southern California (USC). The UAS serves as a social and health sciences infrastructure for collecting data on the daily lives of US families and individuals. The collected information includes survey data, DNA from saliva samples, information from wearables, contextual and administrative linkages, ecological momentary assessments, self-recorded narratives and electronic records of financial transactions. The information collected focuses on a defining challenge of our time—identifying factors explaining racial, ethnic, geographic and socioeconomic disparities over the life course, including racial discrimination, inequalities in access to education and healthcare, differences in physical, economic and social environments, and, more generally, the various opportunities and obstacles one encounters over the life course. The UAS infrastructure aims to optimise engagement with the wider research community both in data dissemination and in soliciting input on content and methods. To encourage input from the research community, we have reserved 100 000 min of survey time per year for outside researchers, who can propose to add survey questions four times a year.

Participants The UAS currently comprises about 15 000 US residents (including a 3500-person California oversample) recruited by Address-Based Sampling and provided with Internet-enabled tablets if needed. Surveys are conducted in English and Spanish.

Findings to date Since the founding of the UAS in 2014, we have conducted more than 600 surveys, including a sequence of surveys collecting biennial information on health and retirement (the complete Health and Retirement Study instrument), 11 cognitive assessments, personality, knowledge and use of information on Social Security programme rules, work disability and subjective well-being. Several hundreds of papers have been published based on the collected data in the UAS. Studies include documentations of the mental health effects of the COVID-19 pandemic and how this varied across socioeconomic groups; comparisons of physical activity measured with accelerometers and by self-reports showing the dramatic biases in the latter; extensive studies have shown the power of using paradata in gauging cognitive change over time; several messaging experiments have shown the effectiveness of information provision on the quality of decision-making affecting well-being at older ages.

Future plans The UAS national sample is planned to grow to 20 000 respondents by 2025, with subsamples

STRENGTHS AND LIMITATIONS OF THIS STUDY

- Probability-based Internet panels such as the Understanding America Study (UAS) avoid selection problems facing opt-in or convenience Internet panels, while several studies confirm their ability to provide population representative information.
- Attrition in the UAS is on a par with other population representative panels.
- By breaking up surveys in short (30-min or less) modules that are administered infrequently, the amount of longitudinal information collected per respondent is substantially larger than in traditional interviewer-administered surveys.
- The flexibility of the Internet as a survey mode allows for quick turn-around data collection and dissemination, and hence for fast response to new developments, such as the COVID-19 pandemic.
- As with any self-interviewing survey mode, Internet interviewing limits our ability to collect biomarker data, as these must be collected by respondents themselves without the help of an in-person interviewer.

of about 2500 African American, 2000 Asian and 3000 Hispanic participants and an oversample of rural areas. An increasing amount of non-interview data (contextual information, data from a suite of wearables and administrative linkages) is continually being added to the data files.

INTRODUCTION

The roots of the UAS lie in an early recognition by the Principal Investigator of the Health and Retirement Study (HRS), Robert J Willis, in 2001 that the Internet was going to be an important interview mode for national surveys. This resulted in two consecutive research grants awarded by the National Institute on Ageing (NIA) entitled 'Internet Interviewing and the HRS', which were jointly conducted by the University of Michigan and the RAND Corporation. As a direct result, the American Life Panel (ALP) was founded at RAND. The ALP was a probability-based Internet panel. It was used to conduct several mode experiments in conjunction with the HRS, but gradually became a platform for numerous research projects beyond

Understanding America

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Understanding America:

Understanding America's Greatest Existential Threats Dr. J. R. Maxwell, 2020-12-08 In this introductory volume readers will learn about the vital role that the various Critical Infrastructure CI sectors play in America in the context of homeland security The protection maintenance and monitoring of these interdependent CI assets is a shared responsibility of governments private sector owner operators first responders and all those involved in homeland security and emergency management As this foundational learning resource demonstrates rapidly advancing technologies combined with exponential growth in demand on the aging infrastructure of America s power grid is setting the stage for a potentially catastrophic collapse that would paralyze each and every facet of civilian life and military operations This meticulously researched primer will guide readers through the known world of power failures and cyber attacks to the emerging threat from a High altitude Electromagnetic Pulse HEMP A HEMP would cause cascading failures in the power grid communications water treatment facilities oil refineries pipelines banking supply chain management food production air traffic control and all forms of transportation Each chapter in America s Greatest Existential Threat Vol 1 begins with learning objectives and ends with a series of review questions to assess take up of the chapter material Similarly subsequent volumes will explore HEMP and emerging issues in closer detail with current research and analysis now in development [Understanding America's Gun Culture](#) Craig Hovey, Lisa Fisher, 2017-12-06 Understanding America s Gun Culture focuses on building understanding of some of the issues associated with US gun culture and the contemporary debate about the availability and use of guns This edited volume is unique in that it draws on a wide variety of disciplines and presents perspectives on both sides of the debate Contributors hail from the academic disciplines of history social work criminal justice sociology religion and theological ethics as well as policy agencies Some chapters examine the issues social psychologically to help readers better understand dynamics within the debate Others pose important ethical and philosophical questions about gun culture Still others address practical policy solutions for enhancing gun safety and minimizing gun violence even bringing in international perspectives Together the chapters create a thought provoking compilation that offers insightful findings considers theoretical and practical implications and invites further exploration of the topic **Beyond the Bamboo Curtain: Understanding America's Invisible Minority** Michael Soon Lee, 2023-11-08 Asian American History Memoir Non fiction English Beyond The Bamboo Curtain Understanding America s Invisible Minority This unique and informative book provides well documented but little known facts that will give readers a deeper understanding of the cultural experience of Asians in America Michael Soon Lee powerfully reveals how he overcame prejudice and discrimination to achieve success despite these obstacles Shedding light on the diverse Asian American experience mostly absent from history books and the media or distorted by stereotypes such as the myth of the model minority this book illuminates the many facets of Asian Americans lives and strives to educate to help reduce violence and anti Asian sentiment This work is a must read for those seeking to understand and

shed hidden prejudices toward Asians in America who could be your boss co worker or neighbor **The Booklist** ,1927
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