SOUTHERN DEMOGRAPHIC ASSOCIATION

2016 ANNUAL MEETING
PROGRAM AND AGENDA

OCTOBER 12-14, 2016
THE GRADUATE HOTEL
ATHENS, GEORGIA
SOUTHERN DEMOGRAPHIC ASSOCIATION
2016 OFFICERS AND BOARD OF DIRECTORS

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  Jeralynn S. Cossman, West Virginia University
Local Arrangements: Matt Hauer, University of Georgia
2016 Annual Meeting Program: Mark Fossett, Texas A&M University

SDA PAST PRESIDENTS

2015 Lloyd Potter
2014 Ronald Cossman
2013 Kathryn Harker Tillman
2012 Robert Freymeyer
2011 Mark D. Hayward
2010 Charles Tolbert
2009 Jeralynn Cossman
2008 Michael D. Irwin
2007 Barbara E. Johnson
2006 Elwood D. Carlson
2005 Robert A. Hummer
2003-2004 Karen Woodrow-Lafield
2002-2003 Peter Morrison
2001-2002 Carl Schmertmann

2000-2001 C. Jack Tucker
1999-2000 Judith Waldrop
1998-1999 Louis G. Pol
1997-1998 Richard Rogers
1996-1997 Jack Marcum
1995-1996 Joachim Singelmann
1994-1995 Steve H. Murdock
1993-1994 Kirsten West
1992-1993 William O’Hare
1990-1991 Isaac W. Eberstein
1989-1990 Stanley K. Smith
1988-1989 Julia H. Martin
1987-1988 Omer R. Galle

1986-1987 W. Parker Frisbee
1985-1986 V. Jeffrey Evans
1984-1985 William Serow
1983-1984 Daniel O. Price
1982-1983 Jeanne C. Biggar
1981-1982 Anne S. Lee
1980-1981 Thomas J. Espenshade
1979-1980 Gladys K. Bowles
1978-1979 Robert H. Weller
1977-1978 Leon F. Bouvier
1975-1977 Dudley L. Poston, Jr.
1973-1975 George C. Myers
1970-1973 Everett S. Lee
### Registration and Welcome Reception

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tbody>
<tr>
<td>4:00 – 6:00 pm</td>
<td>Registration</td>
<td>Foundry Ballroom Hallway</td>
</tr>
<tr>
<td>7:00 – 9:00 pm</td>
<td>SDA Welcome Reception</td>
<td>Foundry</td>
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### Overview of Events

<table>
<thead>
<tr>
<th>Time</th>
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<th>Room</th>
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<tbody>
<tr>
<td>7:00 am – 8:45 am</td>
<td>SDA Board Meeting</td>
<td>Room 305 Athena Suite</td>
</tr>
<tr>
<td>7:00 am – 5:00 pm</td>
<td>Registration</td>
<td>Foundry Ballroom Hallway</td>
</tr>
<tr>
<td>9:00 am – 10:10 am</td>
<td>Session Period I</td>
<td>Multiple venues</td>
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<tr>
<td>10:20 am – 11:30 am</td>
<td>Session Period II</td>
<td>Multiple venues</td>
</tr>
<tr>
<td>12:00 pm -1:30 pm</td>
<td>Luncheon Presentation</td>
<td>Foundry Ballroom</td>
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<tr>
<td></td>
<td>Steven R. Holloway</td>
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### THURSDAY, OCTOBER 13, 2016 – AFTERNOON AND EVENING OVERVIEW

**Overview of Events**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:40 pm – 2:50 pm</td>
<td>Session Period III</td>
<td>Multiple venues</td>
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<tr>
<td>3:00 pm – 4:10 pm</td>
<td>Session Period IV</td>
<td>Multiple venues</td>
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<tr>
<td>4:20 pm – 5:00 pm</td>
<td>Poster Session</td>
<td>Foundry Ballroom</td>
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<tr>
<td>5:00 pm – 5:45 pm</td>
<td>Awards</td>
<td>Foundry Ballroom</td>
</tr>
<tr>
<td>5:45 pm – 6:30 pm</td>
<td>Presidential Address</td>
<td>Foundry Ballroom</td>
</tr>
<tr>
<td></td>
<td>Stephanie A. Bohon</td>
<td></td>
</tr>
<tr>
<td>6:30 pm</td>
<td>SDA Dinner</td>
<td>South Kitchen + Bar</td>
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### FRIDAY, OCTOBER 14, 2016 - OVERVIEW

**Overview of Events**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tr>
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<td>Registration</td>
<td>Foundry Ballroom Hallway</td>
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<tr>
<td>8:00 am – 9:10 am</td>
<td>Session Period V</td>
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<tr>
<td>9:20 am – 10:30 am</td>
<td>Session Period VI</td>
<td>Multiple venues</td>
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<tr>
<td>10:40 am – 11:50 am</td>
<td>Session Period VII</td>
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<tr>
<td>12:00 pm -1:30 pm</td>
<td>Luncheon Presentation</td>
<td>Foundry Ballroom</td>
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<tr>
<td></td>
<td>Jennifer S. Barber</td>
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</tr>
<tr>
<td>1:40 pm – 3:00 pm</td>
<td>Session Period VIII</td>
<td>Multiple venues</td>
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**THURSDAY, OCTOBER 13, 2016 – SESSION PERIOD I, 9:00 – 10:10 AM**

**Session 1A, 9:00 – 10:10 am Thursday, October 13**

<table>
<thead>
<tr>
<th>Socio-Demographic Background and Cancer</th>
<th>Galleria I</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presider: Rebecca Clark, National Institute of Child Health and Human Development</td>
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</tbody>
</table>

Socioeconomic Disparities in the Uptake of Colorectal Cancer Screenings  
*Erin Ice, University of Kansas*

Breast Cancer Between Immigrant Women: The Impact of Family Cancer History on Breast Cancer Prevention by Region of Birth  
*Federico Ghirimoldi, University of Texas at San Antonio*

Marital Status and its Effect on Never Receiving Cervical Cancer Screenings Among Minorities  
*Sandte Stanley, Rice University*

**Session 1B, 9:00 – 10:10 am Thursday, October 13**

<table>
<thead>
<tr>
<th>Spatial Effects and Spatial Pattern</th>
<th>Galleria II</th>
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</thead>
<tbody>
<tr>
<td>Presider: Jamie M. Lewis, U. S. Census Bureau</td>
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</tbody>
</table>

Spatio-Temporal Effects of Labor Markets on College Enrollment  
*Bricio E. Vasquez, University of Texas at San Antonio*

Financing Crisis: The Effects of State Infrastructure Spending on Real-Estate Markets  
*Chris D. Poulos, University of Illinois at Chicago*

Handheld Device Ownership: Reducing the Digital Divide?  
*Jamie M. Lewis, U.S. Census Bureau*
### Session 1C, 9:00 – 10:10 am Thursday, October 13
Health Research with an International Focus Foundry

Presider: Mark Fossett, Texas A&M University

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>The Role of Salat Prayer in Preventing Acute Malnutrition and Acute Morbidity in Mothers and Children: Evidence from Wave 5 of the Indonesian Family Life Survey</td>
<td>Natalie A. Jansen, University of Kansas</td>
</tr>
<tr>
<td>Exploring Trends in Chinese Household Structure, Gender, &amp; Chronic Disease: Findings from the China Health &amp; Nutrition Survey</td>
<td>Benjamin Jones, University of North Carolina at Chapel Hill</td>
</tr>
</tbody>
</table>

### Session 2A, 10:20 – 11:30 am Thursday, October 13
Infant and Child Health Galleria I

Presider: Rebecca Clark, National Institute of Child Health and Human Development

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>The Effects of a Home Visitation Program on Low Birth Weight Incidence in Leflore County, Mississippi</td>
<td>Chris King, Delta Health Alliance</td>
</tr>
<tr>
<td></td>
<td>Wesley James, University of Memphis</td>
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<td></td>
<td>Rhonda Okoth, Regional Medical Center</td>
</tr>
<tr>
<td></td>
<td>Karen Matthews, Delta Health Alliance</td>
</tr>
<tr>
<td>Socio-Political Context, Chronic Stress and Birth Outcomes</td>
<td>Stephanie Otte, Florida State University</td>
</tr>
<tr>
<td>Family, Peer, and School Influences on Children’s Developing Health Lifestyles</td>
<td>Stefanie Mollborn, University of Colorado Boulder</td>
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<td></td>
<td>Elizabeth Lawrence, University of North Carolina-Chapel Hill</td>
</tr>
<tr>
<td>Collateral Damage: How Household Debt Influences Child Health and Development</td>
<td>Mackenzie Brewer, Rice University</td>
</tr>
</tbody>
</table>
Session 2B, 10:20 – 11:30 am Thursday, October 13
Youth Wellbeing and Transition to Adulthood Pavilion
Presider: Amy Kate Bailey, University of Illinois at Chicago

Gender Differences in Early Life Origins of Alcohol Use Initiation
  Lynn M. Fahey, Rice University

The Role of Parental Involvement as Social Capital in the Warehousing Hypothesis
  Bricio E. Vasquez, University of Texas at San Antonio

Family Structure Transitions and Children’s Socioemotional Wellbeing
  Catherine Boyd, Rice University
  Laura Freeman, Rice University
  Rachel Tolbert Kimbro, Rice University

Working Class Youth and the Transition to Adulthood
  Amy Kate Bailey, University of Illinois at Chicago

Session 2C, 10:20 – 11:30 am Thursday, October 13
Mortality Studies Foundry
Presider: Carl P. Schmertmann, Florida State University

The Influence of Public Health Infrastructure on Racial Mortality Disparities
  Wesley James, University of Memphis
  Lynne Cossman, West Virginia University
  Julia Wolf, West Virginia University

Working to Death: An Analysis of Mortality among Migrant Workers in the Secondary Sector
  Nathan Dollar, University of North Carolina at Chapel Hill

Bayesian estimation of age-specific mortality and life expectancy for small areas with defective vital records
  Carl P. Schmertmann, Florida State University
  Marcos R. Gonzaga, Universidade Federal do Rio Grande do Norte (Brazil)
Racial Disparities in Social Relationships and Mortality Risk in the National Health and Aging Trends Study

*Nyesha Black, University of Alabama at Birmingham*

Racial/Ethnic Contrasts in the Relationships between Physical Disability, Perceived Discrimination, and Depressive Symptoms

*Quentin Kilpatrick, Florida State University*

*John Taylor, Florida State University*

Levelling the Playing Field? Racial/Ethnic Differences in Infant Mortality among Socially Advantaged Women in the United States

*Robert A. Hummer, University of North Carolina, Chapel Hill*

*Samuel Fishman, University of North Carolina, Chapel Hill*

*Gracia Sierra, University of Texas at Austin*

*Daniel A. Powers, University of Texas at Austin*

*Richard G. Rogers, University of Colorado, Boulder*
Segregated Diversity and the Changing Geography of Urban Poverty

Steven R. Holloway
SDA Plenary Speaker 2016

Dr. Steven R. Holloway (PhD 1993, Geography with Sociology Minor, University of Wisconsin) is Professor of Geography at the University of Georgia. He currently is serving as Interim Head in the Department of Geography and is Fellow with the Institute for Behavioral Research.

Professor Holloway has a wide range of research interest including residential segregation, neighborhood dynamics, segmented housing markets, and community context and environmental risk. He has published the books *Urban Geography* (multiple editions) and *Segregation in Cities* and dozens of book chapters and peer-reviewed journal articles in *Demography, Urban Geography, Ethnic & Racial Studies, Population, Space, and Place, Environment and Planning A, Journal of Urban Affairs, Social Forces,* and *Urban Affairs Review.* His research and scholarship have been supported by the National Science Foundation, the Russell Sage Foundation, the Ford Foundation, the Centers for Disease Control, and the U.S. Forest Service, and the Fannie Mae Foundation.

Professor Holloway established the “MixedMetro.com: Mapping Segregation and Diversity in America’s Cities” website which provides an interactive cartographic experience examining the racial configuration of the residential landscape and patterns of neighborhood change in US cities with populations of 1,000,000 and above. The website and related research has been spotlighted by U.S. News and World Report’s “At The Edge” blog, The Atlantic Cities website, and The Washington Post.
The urban geography of spatially concentrated poverty has re-emerged in the consciousness of scholars and policymakers over the last several years. Driven by post-recession poverty increases, some prominent scholars and practitioners accentuate the rise in suburban poverty, reflecting in part the geographic concentration of pre-recession housing market abuses and failures. The Brookings Institute’s Elizabeth Kneebone, for example, published (in 2013 with Alan Berube) the book *Confronting Suburban Poverty in America*, and actively maintains a website of the same name dedicated to the topic, rich with data, maps, community vignettes, policy recommendations, and much more. Tragically illustrating the salience of suburban poverty, Ferguson, Missouri, site of the shooting death of black teenager Michael Brown by a white police officer in 2014, is one of St. Louis’ high-poverty suburbs. Ironically, despite endless media coverage, many people have not recognized Ferguson’s suburban setting.

We intervene in this arena by arguing that our emerging concern with suburban poverty must also understand and account for the dynamic racialization of metropolitan residential contexts. Recent research recognizes that increasing racial diversity does not unequivocally translate into reduced racial residential segregation. Instead, our urban landscapes are marked with newly emerging patterns of residentially segregated racial diversity. We argue that both areas of research and policymaking will be greatly enhanced by examining the underlying trends in tandem.

We present here initial findings from empirical research that intersects time series data on neighborhoods’ changing racial composition with time series data on their poverty rates. Undergirding our analysis is an historical approach to spatially defining urbanization that transcends the methodological simplicity of much of the existing suburban poverty research. We find that the emerging patterns of segregated diversity are essential to our attempt to understand the changing geography of urban poverty. Specifically, we find that we need new typologies of racialized suburbanization to account for the emerging concentrations of urban poverty.
### Session 3A, 1:40 – 2:50 pm Thursday, October 13

**Demographic Models and Applications**

**Galleria I**

**Presider**: Peter A. Morrison, RAND (retired)

- **Scenario-Based Local Demographic Projection: Combining Housing Growth Scenarios, Housing Unit Method, and Cohort Component Model**  
  *Simon Choi, Southern California Association of Governments*

- **Devising a Demographic Accounting Model for Class Action Litigation: An Instructional Case**  
  *Peter A. Morrison, RAND (retired)*  
  *Thomas Bryan, Bryan GeoDemographics*

- **Using Modified Cohort Change and Child Woman Ratios in the Hamilton-Perry Forecasting Method**  
  *Jeff Tayman, University of California-San Diego*  
  *David A. Swanson, University of California-Riverside*

### Session 3B, 1:40 – 2:50 pm Thursday, October 13

**Spatial Variation in Age Structure and Mortality**

**Galleria II**

**Presider**: Lloyd Potter, University of Texas – San Antonio

- **As the Boomers Age, So Do Some States**  
  *Jason Devine, U.S. Census Bureau*  
  *Tiffany Yowell, U.S. Census Bureau*

- **Understanding Spatial Variation in Mortality: Rural Regions and Cultural Variations**  
  *Jeralynn Cossman, West Virginia University*  
  *Julia Wolf, West Virginia University*  
  *Douglas Myers, West Virginia University*

- **Natural Decrease and Associated Factors in U.S. Counties, 2000-2014**  
  *Lloyd Potter, University of Texas at San Antonio*
Decomposing trends in adult body mass index, obesity, and morbid obesity, 1971-2012
   Ashley Wendell Kranjac, Rice University
   Robert L. Wagmiller, Temple University

Unhealthy Weight Among Young Children in the Middle East and North African Region
   Rebecca Jones, Emory University
   Solveig Cunningham, Emory University

Food Insecurity and Childhood Obesity: The Association with Food Assistance Programs
   Sarah Smith, University of Kansas
   Jarron M. Saint Onge, University of Kansas

Obesity in the Bayou City: How Distinct Neighborhood Contexts Influence Obesity Risk Differently by Race/Ethnicity and Socioeconomic Status
   Ashley Wendell Kranjac, Rice University
   Rachel Kimbro, Rice University
   Justin Denney, Rice University
### Session 3D, 1:40 – 2:50 pm Thursday, October 13

**Migration and Immigration**  
*Pavilion*

**Presider:** Mark Fossett, Texas A&M University

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
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</table>
| Secondary Migration of the Foreign-Born: Recent Results              | Jason Schachter, U.S. Census Bureau  
                             | Anthony Knapp, U.S. Census Bureau  
                             | Heather King, U.S. Census Bureau  
                             | Megan Benetsky, U.S. Census Bureau                                   |
| The New Trend of Chinese Peasant Workers in the Migration to Urban Areas | Zongli Tang, Auburn University at Montgomery                            |
| Who is at Risk of Migrating? Using the American Community Survey for a Gross Migration Model for Boston | Phillip Granberry, Boston Redevelopment Authority, University of Massachusetts-Boston  
                             | Matthew Resseger, Boston Redevelopment Authority                       |
                             | Christina Kim, Boston Redevelopment Authority                           |
                             | Jonathan Lee, Boston Redevelopment Authority                            |
                             | Kevin Kang, Boston Redevelopment Authority                              |
                             | Alvaro Lima, Boston Redevelopment Authority                             |
THURSDAY, OCTOBER 13, 2016 – SESSION PERIOD IV, 3:00 – 4:10 PM

Session 4A, 3:00 – 4:10 pm Thursday, October 13

Empirical and Model-Based Demographic Analyses

Presider: David A. Swanson, University of California - Riverside

The Impact of Aging Populations on Local Businesses and Government Services in Rural Communities
   Warren A. Brown, Cornell University
   Jan K. Vink, Cornell University

Demographics or Something More? Exploring the Veteran Voting Gap
   Thom File, U.S. Census Bureau; Kelly Ann Holder, U.S. Census Bureau

Equality and Inequality in Stationary Populations
   David A. Swanson, University of California-Riverside
   Lucky Tedrow, Western Washington University

Session 4B, 3:00 – 4:10 pm Thursday, October 13

Latino/a Health

Presider: Joseph T. Lariscy, University of Memphis

Mexican Neighborhoods: Understanding the Complex Relationships among Legal Status, Neighborhood Types, and Neighborhood Perceptions among Mexican-Origin Adults
   Aggie J. Noah, Arizona State University

“Puedo Seguir Adelante”: Impact of Personal Health Navigators on Mexican Migrant HIV Experiences
   Anna Caudill, University of North Carolina at Chapel Hill

Nativity status, adolescent sexual risk-taking behavior, and marital dissolution among Hispanic women in the U.S.
   Bricio E. Vasquez, University of Texas at San Antonio

Paradox by Number: Mortality Compression and Rectangularization among U.S. Hispanics
   Joseph T. Lariscy, University of Memphis
Session 4C, 3:00 – 4:10 pm Thursday, October 13

Aging and Health

Presider: Mark Fossett, Texas A&M University

Does the Predictive Power of Comparative Health Status for Subsequent Mortality Vary by Comparison Frame among Elder Puerto Ricans?

Alexis R. Santos-Lozada, Pennsylvania State University
Diego N. Caraballo-Orozco, University of Puerto Rico, Medical Sciences Campus

Determinants of Self-Rated Health and Health Satisfaction in Older Adults Living in Mexico

Alison L. Reynolds, University of Missouri-Columbia
Claire E. Altman, University of Missouri-Columbia

Older Adult Health Transitions (2007-2009 Recession)
Andy Sharma, University of Denver

Session 4D, 3:00 – 4:10 pm Thursday, October 13

Undergraduate Research Papers I

Presider: Dudley L. Poston, Jr., Texas A&M University

Exposure to Household Air Pollution from Cooking and Association with Tuberculosis Prevalence Among Primary Cooks in Peri-Urban Malawi

Anna Gallerani, University of North Carolina at Chapel Hill

Demographic Determinants of the Birth Rate in Ten European Countries, Circa-2010

Colette Allred, Texas A&M University

Transition to Adulthood: Barriers for Working Class Youth

Israel Flores, University of Illinois at Chicago
Poster Session, 4:20 – 5:00 pm Thursday, October 13

   Federico Ghirimoldi, University of Texas at San Antonio

   Vivianna M. De Jesus-Monge, University of Puerto Rico

Poster 3. Parent and Adolescents Attitudes About Sex: The Importance of Concordance/Discordance for the Transition to First Vaginal Intercourse
   Stephanie Otte, Florida State University
   Kathryn Tillman, Florida State University

   Yetty Shobo, Virginia Department of Health Professions
   Jen D. Wong, Ohio State University
Thursday, October 13 – Evening Overview

Awards, Presidential Address, SDA Dinner

Foundry Ballroom

5:00 – 5:45 pm Awards

5:45 – 6:30 pm Presidential Address

Demography in the Big Data Revolution: Changing the Culture to Forge New Frontiers

Stephanie A. Bohon

6:45 – 8:30 pm SDA Dinner

Group Dinner at South Kitchen + Bar

South Kitchen + Bar is an affordable casual dining experience that is best described as fresh, creative and contemporary. Chef Chris Benson’s flavor-obsessed menu combines his traditional culinary training with a passion for Southern cooking. It’s a perfect blend of comfort and cuisine with dishes varying from a muenster grilled cheese; to a deviled egg trio of masala curry, cayenne blue cheese and pimento-bacon; to our grilled rosemary pork belly with truffled mac + cheese and fried pickled okra. Our sophisticated but approachable drink menu reflects a kinship with sister restaurants Trappeze Pub and Highwire Lounge but maintains a unique Southern charm that we can call our own.

247 East Washington Street
Downtown Athens, GA
5:45 – 6:30 pm Thursday, October 13
SDA Presidential Address Foundry Ballroom

Demography in the Big Data Revolution: Changing the Culture to Forge New Frontiers

*Stephanie A. Bohon*

*SDA President 2015-2016*

Stephanie Bohon is an Associate Professor of Sociology at the University of Tennessee, Director of Graduate Studies, and the Associate Director of the Center for the Study of Social Justice. She received her doctorate in demography and sociology from Penn State University in 1998. Her work on Latino immigration and immigration policy has been published in prominent journals including *Population Research and Policy Review, Social Problems, Rural Sociology, Social Science Quarterly,* and *The Journal of Latinos and Education.* She is the author of *Latinos in Ethnic Enclaves: Immigrant Workers and the Competition for Jobs* and *Immigration and Population* as well as two forthcoming books. She, along with Bridget Gorman, edited *Population Research and Policy Review* from 2012-2015.

Stephanie’s research uses critical race theory and demographic techniques to examine the integration of ethnic minorities, especially Latinos, into new destination communities in the US Southeast. This work interrogates the racialization of immigrants, “crimmigration” policies, and institutionalized processes of discrimination in housing and transportation. Making use of supercomputing resources at Oak Ridge National Laboratory, Stephanie is also working with physicists to create new data visualization and computational methods using big data for understanding how and how well metropolitan areas absorb immigrants.

Dr. Bohon has received numerous teaching and research awards including the M. G. Michael Award for innovative research and the Southern Program Excellence through Research award for the application of research to public policy. She received the Martin Levin Award for service from the Southern Sociological Society. Her work has been reported by several national and international media including Time Magazine, National Public Radio, BBC-London, The New York Times, The Boston Globe, The Chicago Sun-Times, and USA Today.
To date, demographers have used big data analytics to study poverty eradication, promote sustainable agriculture, end hunger, and improve health. In recent years, cell phone records, Twitter tweets, Google search queries, night-light satellite images, and online prices at retailer websites have been analyzed to obtain information in data-poor countries, capture real time data, and obtain data more cheaply than what is usually available. However, these data represent what Ruggles (2014) refers to as “big shallow data.” Indeed, the types of data frequently categorized as big are exhaust data—data accidentally created from a non-data purpose. In fact, these types of data are so common that some US government analysts actually define big data as “non-sampled data, characterized by the creation of databases from electronic sources whose primary purpose is something other than statistical inference” (Horrigan 2015). The fact that these data have questionable generalizability is problematic. Because of this, demographers at the United Nations have recently called for a new data ecosystem which goes beyond exhaust data and encompasses the types of population-generalizable data that are the bases of good demographic analyses.

I agree with Ruggles that demographers have long collected and analyzed potentially “big deep data.” Certainly, the entirety of coded US Census data would be one example. Currently, however, our methodological, statistical, and computer training as demographers have left us ill-prepared to tackle the types of problems that can be addressed with big data. That is, we have big data, but we treat it in a small fashion. Even if we knew how to pull four decades of the US Census into a system with a large enough memory, would we know what to do with it? Usually not. So parsing data into easily useable but small pieces is de rigueur, but doing so also prevents us from seeing data in its entirety. What are we missing? Additionally, current security practices for handling confidential data (such as geo-referenced individual records) limit the computing platforms on which data can be analyzed, which prevents us from building and analyzing really large predictive models, such as big networks. In this talk, I discuss demography’s new frontier as it is comprised of advances in computing and availability of new data. I also explore the ways that demography—and demographers—must change, to fully explore this new frontier.
FRIDAY OCTOBER 14 – SESSION PERIOD V, 8:00 – 9:10 AM

Session 5A, 8:00 – 9:10 am Friday, October 14

Family Demography

Galleria I

Presider: Karen L. Brewster, Florida State University

The Deinstitutionalization of Marriage and Family Among the Academic Elite: The Marriage, Family, and Career Expectations of Graduate Students

Marbella Allen, Rice University

Marriage Patterns of Undocumented Male and Female Mexican Immigrants in the United States: 2008-2012

Cristina Elizabeth Cruz, Texas A&M University

Majors and Marriage

Jessica W. Davis, U.S. Census Bureau

Romantic Relationship Scripts in Adolescence

Karin L. Brewster, Florida State University

Stella N. Min, Florida State University

Session 5B, 8:00 – 9:10 am Friday, October 14

Health and Non-Traditional Sexuality and Dating

Galleria II

Presider: Kathryn Harker Tillman, Florida State University

Medical Comfort at the Intersection of Sexual Orientation and Gender Identity

Zelma Tuthill, Rice University

Family Relationships and the Psychological Wellbeing of Interracially Dating Adolescents

Kathryn Harker Tillman, Florida State University

Byron Miller, University of South Florida St. Petersburg

Same-Sex Experiences and Health Outcomes

Giuseppina Valle Holway, University of Texas at San Antonio

Karin L. Brewster, Florida State University

Kathryn Harker Tillman, Florida State University
### Session 6A, 9:20 – 10:30 am Friday, October 14

**Demographic Factors and Attitudes and Mental Health**  
Galleria I

Presider: Benjamin Walker, Mississippi State University

- **Risk Factors for Depression**  
  *Xiaoling Liang, University of Texas at San Antonio*

- **Mothers’ Attitudes about Their Own Experiences with Motherhood: Examining the Roles of Race/Ethnicity, and Social Class.**  
  *Hena Wadhwa, Florida State University*

- **What Does Self-Rated Health Really Mean? The Shifting Importance of Physical and Mental Health in Self-Rated Health Across Age**  
  *Benjamin Walker, Mississippi State University*  
  *Dustin Brown, Mississippi State University*

### Session 6B, 9:20 – 10:30 am Friday, October 14

**Undergraduate Papers: Texas A&M NSF-REU Students**  
Pavilion

Presider: Mark Fossett, Texas A&M University

- **The Means of Moving Peoples: Urban Decline and Public Transportation in Dayton, Ohio**  
  *Ellen Emeric, University of Tulsa*

- **Latino-White Education Gap in New Destinations**  
  *Angelica Ruvalcaba, Texas A&M University*

- **Demographic Change in Historical Neighborhoods of College Station, Texas**  
  *Jani Wertin, Texas A&M University*

- **Establishing the Link Between Toxic Emissions and Cancer Rates in the Houston Ship Channel: The Basis for a Cohort Study**  
  *Sania Kamran, University of Miami*

- **IDEA: Examining the Overrepresentation of African American Students with Disabilities from 2013-2014**  
  *Lakysha Robinson, Kent State University*
Session 6C, 9:20 – 10:30 am Friday, October 14

Demographic Trends
Galleria II

Presider: Jennifer M. Ortman, U.S. Census Bureau

Loosening the Belt: The Changing Distinctiveness of Southern Religion
Robert H. Freymeyer, Presbyterian College

Emerging Trends Among Latino Youth in the United States
Mark Mather, Population Reference Bureau
Patricia Foxen, National Council of La Raza

Updating the 2010 Demographic Analysis Estimates of the Hispanic Population
Eric Jensen, U.S. Census Bureau
Megan Benetsky, U.S. Census Bureau
Samuel Garrow, U.S. Census Bureau

Session 6D, 9:20 – 10:30 am Friday, October 14

Food Insecurity in the South and Delinquency in Appalachia
Foundry

Presider: Margaret Ralston, Mississippi State University

A Contextual Analysis of Racial Disparities in Food Access between Black and White Mississippi Adults
Sarah Rutland, University of Alabama – Birmingham
Benjamin Walker, Mississippi State University
John McCown, Mississippi State University
Linda Southward, Mississippi State University

Obesity, Mental Health and County-Level Food Insecurity: The Influence of Persistent Poverty and Age Composition in a Rural State
Margaret Ralston, Mississippi State University
Kecia R. Johnson, Mississippi State University
Leslie Hossfeld, Mississippi State University
Bettina Beech, University of Mississippi Medical Center

Delinquency and Family Structure in Appalachia
Bethany Nelson, University of Tennessee
Christine Vossler, University of Tennessee
In the 2010 U.S. Decennial Census, the net undercount of children age 0 to 4 was 4.6 percent which is higher than the net undercount for any other age group. The net undercount for young children has been relatively high for several decades. The U.S. Census Bureau is pursuing several research projects to provide additional details about the scope of this problem, identify the characteristics of the children that the census missed, and propose methods to reduce this coverage error in the 2020 Census. These projects use data from vital statistics, the 2010 Census Coverage Measurement program, the 2010 Census, administrative records, and the American Community Survey. This session provides an opportunity to hear about several of those studies.

A New Look at 2010 Census Omissions of Young Children by Age

Howard Hogan, U.S. Census Bureau
Deborah Griffin, U.S. Census Bureau (retired)

Household Structure and the Undercount of Young Children in the 2010 Census

Eric Jensen, U.S. Census Bureau
Laurie Schwede, U.S. Census Bureau

Relationship of Child to the Householder as a Contributing Factor to the Undercount of Young Children in the Decennial Census

Scott Konicki, U.S. Census Bureau

Linking Administrative Records and the 2010 Census to Assess the Characteristics of Undercounted Young Children

Leticia Fernandez, U.S. Census Bureau
James Noon, U.S. Census Bureau
Rachel Shattuck, U.S. Census Bureau
Session 7B, 10:40 – 11:50 am Friday, October 14

Macro-Level Demographic Patterns

Presider: Elwood Carlson, Florida State University

The Impact of War Exposure on Early Childhood Malnutrition in War-Torn African Societies?: The Orphan Dimension.

Aramide Kazeem, Western Kentucky University
John M. Musalia, Western Kentucky University

Sea Level Rise Induced Migration Likely To Impact Almost All US Communities

Mathew E. Hauer, University of Georgia

Rampant Consumption: The Impact of Colonization on Tuberculosis Prevalence

Elizabeth Breen, University of Illinois at Chicago

Patterns of Advantage and Disadvantage in the Second Demographic Transition

Elwood Carlson, Florida State University
Tayelor Valerio, Florida State University

Session 7C, 10:40 – 11:50 am Friday, October 14

Neighborhood Experiences and Neighborhood Effects

Presider: Victoria N. Locke, Pearson Clinical Assessment

Neighborhood Experiences and Residential Circumstances: Understanding the Role of Public and Private Support

Ellen Whitehead, Rice University

The Mediating Role of Allostatic Load in Assessing the Impact of Residential Segregation on Individual Mortality Risks

P. Johnelle Sparks, University of Texas at San Antonio
Jeffrey Howard, US Army Institute of Surgical Research

The Impact of Living in a Multilingual Environment on Verbal Ability for Francophone Children in Canada

Victoria N. Locke, Pearson Clinical Assessment
Jessie Miller, Pearson Clinical Assessment
James Holdnack, Pearson Clinical Assessment
Methods and Tools for Introducing American Community Survey and U.S. Census Data into Undergraduate Courses

John P. DeWitt, University of Michigan

This session will focus on how professors and graduate instructors can integrate analyses of U.S. Census and American Community Survey (ACS) data in relevant, user-friendly ways into such courses as Intro Sociology, Intro Public Health, Social Problems, Stratification, Race Relations, the Family, Sociology of Aging, Population, and more. Adding data analysis to substantive undergraduate sociology courses supports initiatives to introduce students to data “early and often” throughout the undergraduate social science curriculum. This session will introduce resources available for integrating data analysis into a wide range of social sciences course subjects and levels.

Participants will learn about the Social Science Data Analysis Network (SSDAN) directed by Professor William Frey at the University of Michigan. The session will begin with an overview of the SSDAN project and data analysis materials before moving into a broad assortment of tools from other projects that ease adoption of these data into a variety of courses.

Brief tutorials on the easy-to-use software tools will follow, with classroom-relevant examples demonstrating the use of these U.S. Census and ACS access tools. Those attending the session will also learn about PiPS, an online portal providing resources to undergraduate students interested in pursuing graduate studies or careers in the population sciences.
The Paradox of Unintended Pregnancy:
Why Do So Many Young American Women
Who Say They Don’t Want to Get Pregnant
Get Pregnant Anyway?

Jennifer S. Barber
SDA Plenary Speaker 2016

Dr. Jennifer S. Barber (PhD 1997, Sociology and Demography, Pennsylvania State University) is Professor of Sociology at the University of Michigan and serves as Associate Director, Population Studies Center, Director of Graduate Training, Population Studies Center, and Associate Chair, Department of Sociology. She also is William T. Grant Foundation Distinguished Fellow. Professor Barber’s research and teaching interests include social demography, family sociology, social psychology, data collection methods, and social statistics. She has published dozens of book chapters and peer-reviewed journal articles in Population Studies, Journal of Adolescent Health, Contraception, Journal of Marriage and the Family, Demography, Social Science Research, Population and Environment, Social Psychology Quarterly, Social Forces, Sociological Quarterly, and Journal of health and Social Behavior. Her research and scholarship have been supported by the William T. Grant Foundation and the National Institutes of Health National Institute of Child Health and Human Development.

Barber’s research is conducted at the intersection of family sociology, demography, and social psychology, with a focus on teen pregnancy. She recently completed an NICHD-funded intensive longitudinal project, the Relationship Dynamics and Social Life study, that collected weekly data on 1,000 18- and 19-year-old women for 2.5 years, along with semi-structured interview data, observational data, and administrative data. The RDSL study identifies the types of attitudes, relationship characteristics, and contraceptive practices that affect early and/or unintended pregnancy. Barber also recently completed a William T. Grant Foundation Distinguished Fellowship, a mid-career opportunity to immerse herself in a practice setting – in this case a teen pregnancy prevention center in Detroit and a Planned Parenthood clinic in southeastern Michigan.
FRIDAY OCTOBER 14 – SESSION PERIOD VIII, 1:40 – 3:00 PM

Session 8A, 1:40 – 3:00 pm Friday, October 14
Identifying and Addressing Challenges in Measurement
Presider: Sandra Colby, U.S. Census Bureau

Internet Use on the Move: The Challenges of Measuring Mobile Broadband Connections
   Thom File, U.S. Census Bureau

The Slippery Concept of High School Graduation Rates
   Edward Neuse, Florida State University
   Elwood Carlson, Florida State University

Measurement Error in SNAP Take-Up: Does the Unit of Analysis Impact National SNAP Statistics?
   Sandra Colby, U.S. Census Bureau
   Misty Heggeness, U.S. Census Bureau
   Jose Debora, U.S. Census Bureau

Session 8B, 1:40 – 3:00 pm Friday, October 14
Historical Demography
Presider: Mark Fossett, Texas A&M University

The Civil War's Demographic Impact on Non-Hispanic White Males in the 11 Confederate States: An Analysis by State and Selected Age Groups
   David A. Swanson, University of California-Riverside
   Richard Verdugo, NEA (retired)

A Tale of Two Cities: Exploring White-Black Segregation in Charleston and Buffalo in 1940
   Nicole E. Jones, Texas A&M University

Revisiting Spatial Assimilation Theory: Analyzing Residential Segregation of European Ethnic Groups Using Restricted Micro Data for 1940
   Mark Fossett and Xinyuan Zou, Texas A&M University

A New Estimate of the Hawaiian Population for 1778, the Year of First European Contact
   David A. Swanson, University of California-Riverside
Session 8C, 1:40 – 3:00 pm Friday, October 14

Interconnections of Policy with Population and Health

Presider: Yetty Shobo, Virginia Department of Health Professions

A Stitch in Time: Examining Interventions for Physician Workforce Shortages
   Yetty Shobo, Virginia Department of Health Professions
   Jen D. Wong, Ohio State University

Labor Supply and Returns to Healthcare: Evidence from India’s Rural Health Insurance Program
   Uttara Balakrishnan, University of Maryland

Different and Not Equal: How Poverty, Race, and State-Level Abortion Laws Shape Abortion Timing
   Alexa Solazzo, Rice University

Academic Progression Among Nurses: Is It All Roses?
   Yetty Shobo, Virginia Department of Health Professions
   Jen D. Wong, Ohio State University
NOTES FOR SESSION PRESIDERS AND PRESENTERS

The role of the presider is to (1) call the session to order at the scheduled time, (2) to introduce the papers in order of sequence in the program listing, (3) to monitor time so each presenter receives equal time, (4) to open the floor for questions, time permitting, when presentations conclude, and (5) conclude the session at the scheduled time.

Most sessions are 70 minutes long and have either 3 or 4 presentations. A session with 4 papers can allow 15 minutes per presentation and still have 10 minutes for questions at the end of the session. A session with 3 papers can allow a bit more time for each paper.

SDA will provide Windows (PC) laptop computers for each session. The laptops will display PowerPoint and PDF slide sets. Do not assume internet access will be available. Presenters and presiders may substitute their own computer if desired.