



2017 Texas Demographic Conference

May 25-26, 2017

Final Agenda (5-23-17)

Please note: AICP Continuing Education Credits denoted in **Green*

May 25th: Workshops and Training		
8:00 a.m.	Registration and Continental Breakfast – SALON E	
8:30 – 9:00 a.m.	Plenary Session (Welcome) – SALON E <i>Lloyd Potter, State Demographer</i>	
9:00 – 12:00 noon	<u>2020 Census Planning</u> (LONE STAR ROOM) Road to 2020-How Communities can Prepare <i>Rebecca Briscoe, U.S. Census Bureau</i> <i>James D. Castagneri, U.S. Census Bureau, Denver Regional Office</i>	<u>Infographics and Visualizations</u> (SALON GH) Bring Your Data to Life Through Infographics <i>Chris Essig, News Apps Developer, Texas Tribune</i>
	<i>Beverage Break and Networking mid-morning (15 min.) – SALON E</i>	
12:00 – 1:30 p.m.	Lunch: Topic Tables and Networking	
1:30 – 4:30 p.m.	<u>Census Bureau</u> (LONE STAR ROOM) CM 3 Census Data and GIS <i>James D. Castagneri, Geographer, U.S. Census Bureau, Denver RO</i> <i>You may bring your own GIS ready laptop to follow training examples</i>	<u>Demographic Data Use</u> (SALON GH) CM 3 Demography 101 <i>Lloyd Potter, State Demographer</i>
	<i>Break and Networking mid-afternoon (15 min.) – SALON E</i>	
<i>Participants may bring a laptop to better experience the examples provided in training sessions during both days of the conference. Wireless Internet will be available in all conference rooms.</i>		
May 26th: Conference with Speakers		
7:30 – 8:30 a.m.	Registration and Continental Breakfast – SALON E	
8:30 – 9:30 a.m.	Welcome and Plenary Speakers – SALON E Texas Demographic Center: Updates <i>Lloyd Potter, State Demographer</i> U.S. Census Bureau: Data and Product Updates <i>Susana Privett, U.S. Census Bureau</i>	

9:30 – 10:20 a.m.	<p>Census Bureau (LONE STAR ROOM) CM 0.75 Accessing Your Community with Census Data <i>Susana Privett, U.S. Census Bureau</i></p>	<p>Texas GIS (SALON FG) CM 0.75 A Vision for a Statewide Parcel Database <i>Richard Wade, GIO, TNRIS and Felicia Retiz, Deputy GIO, TNRIS</i></p>	<p>Texas Population (SALON H) CM 0.75 Data and Methods Used in Producing the 2017 Population Projections in Texas <i>Helen You, Texas Demographic Center</i></p>
10:20 - 10:40 a.m.	Break and Networking – SALON E		
10:40 - 11:30 a.m.	<p>Census Bureau Tools (LONE STAR ROOM) CM 0.75 An Overview of Census Business Builder (CBB) <i>Lacey Loftin, U.S. Census Bureau</i></p>	<p>Transportation (SALON FG) CM 0.75 Preparing for the Impacts of Connected and Automated Vehicles: A (non) Driver of Change <i>Tom Williams, TTI-Austin</i></p>	<p>Texas Population (SALON H) CM 0.75 Texas Demographic Components of Change <i>Lloyd Potter, State Demographer</i></p>
11:30 -1:00 Lunch	<p>Lunch: Keynote Speaker – SALON E On the Challenges of Non-Partisan Information in Partisan Times James Henson, Ph.D. - Director, Texas Politics Project University of Texas at Austin</p>		
1:15 - 2:15 p.m.	<p>Census Bureau (LONE STAR ROOM) CM 0.50 Geographic Programs Supporting the 2020 Census <i>James D Castagneri, Geographer, Census Bureau, Denver RO</i></p>	<p>Aging (SALON FG) CM 1 State Services & Supports for Aging in Texas <i>Cody Rothschild (organizer) Health and Human Services Commission Panel</i></p>	
2:15 - 2:30 p.m.	Break and Networking – SALON E		
2:30 - 3:30 p.m.	<p>Water for Texas (LONE STAR ROOM) CM 1 Water for Texas - Water for the Future <i>Kathleen Jackson, Board Member, Texas Water Development Board</i></p>	<p>Health Care Topics (SALON FG) CM 1 Factors that affect Health Care Access: Housing and Transportation in Travis County <i>Marianna Gomez, Central Health (Austin)</i></p>	

<p>3:30 - 4:30 p.m.</p>	<p>Census Bureau (LONE STAR ROOM) How City Software Development Kit and API Work (City SDK) <i>Jeff Meisel, Chief Marketing Officer, U.S. Census Bureau</i></p>	<p>Urban Planning & GIS (SALON FG) CM 1 A Simpler but Potent Integrated Land Use Demographic Forecasting Model for Metropolitan Planning <i>Ardeshir (Ard) Anjomani, UT-Arlington</i></p> <p>Establishing a Historical Model for Suburban Growth in San Antonio, Texas 1890-2010 <i>Ian Caine, UT-San Antonio</i></p>	
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*American Planning Association (APA) information regarding the Texas Demographic Conference is available at <https://www.planning.org/events/eventmulti/9123344/>



2017 Texas Demographic Conference

May 25-26, 2017



KEYNOTE

Friday, May 26, 2017

On the Challenges of Non-Partisan Information in Partisan Times

James Henson , Ph.D.

*Director of the Texas Politics Project
The University of Texas at Austin*

The combination political polarization and changes in the media environment over the last decade have increased the difficulties in being viewed as an object source of data and other information for use by the public and by policymakers. James Henson will discuss how the Texas Politics Project at UT Austin works to meet these challenges in their efforts to serve as a public resources for data on public opinion and other aspects of politics and policy in Texas.

Dr. James Henson directs the Texas Politics Project and teaches in the Department of Government at the University of Texas at Austin, where he also oversees a digital media development group. Since 2008, he has co-directed the University of Texas/Texas Tribune Poll, and has designed and implemented polls and provided strategic analyses for both non-profits and interest groups. He is a frequent contributor to *The Texas Tribune* and their companion site *TribTalk*, and his analyses of Texas politics appear regularly in media including *The New York Times*, *the Los Angeles Times*, *The Wall Street Journal*, *The Guardian*, and other outlets. He is the co-author of a web-based textbook on Texas government, now in its third edition, that is used by thousands of students both at UT and at colleges and universities across Texas,.

He earned his MA and PhD from the Department of Government at the University of Texas at Austin. He served as a member and chairman of the City of Austin Ethics Review Commission from 2009 to 2012, is a member of the Travis County Elections Study Group, and has been a member of the Subiendo Leadership Academy Advisory Board since it's founding in 2010. He recently co-founded a private political research and analysis firm based in Austin.

Presentation Descriptions

May 25, 2017: Workshops and Training

Road to 2020 - How Communities can Prepare

Rebecca Briscoe - Partnership Specialist, U.S. Census Bureau, Denver Regional Office

James D Castagneri - Geography Programs Coordinator, U.S. Census Bureau, Denver Regional Office

The U.S. Constitution requires that each decade, we take a count—or a census of America’s population. The Decennial census, which has been taken every decade since 1790 as mandated by the Constitution, provides an important tally that helps to determine how many House seats are apportioned to each state in Congress, how congressional districts are drawn and how federal funds are distributed to states.

In 2020, the U.S. Census Bureau is implementing innovations to make it easier than ever to respond to the census. For the first time, the public will be able to participate in the census online, by phone, or on paper. We are also building a more accurate address list and automating our field operations—all while keeping information safe and confidential.

Come and learn what your community needs to do now to get ready. The presentation will provide an early overview of 2020 Census innovations, timeline, critical Geographic program deadlines, and Community Partnership and Engagement program outreach plans.

Bring Your Data to Life Through Infographics

Chris Essig - News Apps Developer, Texas Tribune

Texas has an overwhelming amount of open data that the public would benefit from understanding. The problem is, data can be difficult to interpret when numbers are packed in spreadsheets and lengthy reports. In this workshop, you will learn how to present your audience with the most important data points through infographics. Together, we will go through the basic principles of data visualization, and create infographics, while avoiding common pitfalls.

Census Data and GIS

James D Castagneri – Geographer, Census Bureau, Denver Regional Office

Have you ever struggled to integrate data from the Census Bureau's website into your GIS? This 3-hour session will cover everything you need to know. Everything from selecting the proper census data, to formatting the data in ArcGIS. We'll cover the various types of Census Geography, basic data retrieval from American Fact Finder and data representation in ArcGIS. Although laptops are not provided, you may bring your own GIS ready laptop to this session to following along in creating your own customized Census dataset.

Demography 101

Lloyd Potter, Ph.D., M.P.H. - State Demographer

Texas Demographic Center, The University of Texas at San Antonio

This workshop introduces some basic techniques of demographic analysis. Participants will become familiar with the sources of data available for demographic research. Population composition and change measures will be presented. Measures of mortality, fertility, marriage and migration levels and patterns will be defined.

Workshop Objectives: After completion of this workshop, the participant will be able to identify appropriate sources of data, perform basic demographic analyses using various techniques and ensure their comparability across populations. The student will also be able to produce population projections and interpret the information gathered by the different demographic methods.

The workshop leader will:

- Identify and compare the advantages and disadvantages of the different sources of demographic data.
- Present appropriate techniques to ensure comparability of the measures across population.
- Describe basic demographic indicators and elaborate on their computation and interpretation.
- Introduce population projection concepts

Upon completion, participants should be able to:

- Identify different sources of data and describe the advantages and disadvantages of each.
- Define and differentiate the demographic concepts, terminology and formulas.
- Describe the distribution of a population using various demographic characteristics.
- Estimate the rate of change in a population
- Project a population using appropriate simple models
- Recognize and analyze typical demographic patterns arising from the data.

May 26, 2017: Presentations

Accessing Your Community with Census Data

Susana Guerra Privett - Data Dissemination Specialist, U.S. Census Bureau

This workshop will train participants on using the most relied-on source for detailed, up-to-date socio-economic statistics covering every community in the nation.

Who should come? This workshop is designed for local governments and organizations that use data for community analysis, grant writing, needs assessment and planning.

With hands on training, attendees will use the American Factfinder (data search tool) and QuickFacts; to gain a better understanding of the Census terms and geography levels, learn differences between 2010 Census for population numbers/basic characteristics, and American Community Survey for social/economic characteristics such as age, household income, poverty status, disability, transportation and housing. Suggestions for tables and topics are offered.

Data and Methods Used in Producing the 2017 Population Projections in Texas

Helen You, Texas Demographic Center

The 2017 population projections for Texas are in the pipeline! In this session, new findings from the Texas Demographic Center Population Projection research and planned changes the projections will be discussed. Preliminary results for the state projections may be revealed.

A Vision for a Statewide Parcel Database

Richard Wade, GIO, TNRIS

Felicia Retiz, Deputy GIO, TNRIS

Land ownership is a fundamental right and one of the greatest resources for economic development.

Land parcels are the basic unit for monitoring economic activity and future conditions for Texas. Divided by 254 counties, there are approximately 20 million parcels individually maintained at 253 county appraisal districts. This session will focus on the need for a statewide parcel database and the challenges and recommended activities to meet that goal. Please join us for a lively discussion on how a statewide parcel database could benefit the 2020 United States Census.

An Overview of Census Business Builder (CBB)

Lacey Loftin - Data Dissemination Specialist & Media Relations, Customer Liaison and Marketing Services, U.S. Census Bureau

Please join us for an overview of Census Business Builder (CBB); this free online tool provides selected Census Bureau demographic and economic data in a simple to access and use format.

The Census Business Builder was created for chambers of commerce and regional planning staff who need a broad portrait of the people and business in their service area. It presents data for all sectors of the economy and for a user-defined region. Census Business Builder features easy to use menus and search tools; interactive maps; customizable dashboards that include time series and geographic comparison charts and provides interactive and downloadable reports that can easily be incorporated into your research.

Preparing for the Impacts of Connected and Automated Vehicles: A (non) Driver of Change

Tom Williams - AICP, Texas A&M Transportation Institute, Austin, Texas

Automated vehicles (AV) and connected vehicles (CV) are potentially transformative technologies although impacts, costs, and benefits to the transportation system are highly uncertain. The magnitude of potential impacts of AV/CV to the transportation system is clear; the technology could be transformational and require significant changes to transportation plans and investment. But many aspects remain in deep uncertainty and we lack the ability to assess any form of reliable predictions. AV/CV technology could impact many aspects of society, including levels of employment and work patterns, trip and delivery patterns, land used for parking, residential location choice, levels of mobility for mobility impaired, elderly, and younger population cohorts, and transportation cost-related equity. Although the technology has the potential to have significant impacts, there remains large uncertainty in the capability of the technology, economics, timeframes of adoption, and social and cultural adaptability to wide-scale presence of highly automated vehicles.

Geographic Programs Supporting the 2020 Census

James D Castagneri - Geographer, U.S. Census Bureau, Denver Regional Office

This 30-minute presentation will present several key programs that local governments may participate in which support the 2020 census. This includes the census tract program (PSAP), the Local Update of Census Addresses (LUCA), the Boundary and Annexation Survey (BAS), and others.

State Services & Supports for Aging in Texas

Cody Rothschild (Session Organizer) - Age Well Live Well Coordinator, Texas Health and Human Services Commission

Heather Blackwell - Manager, Local Procedure Development and Support, Office of the Area Agencies on Aging, Texas Health and Human Services Commission

Julian Christian III - Community Care Services Training Specialist, HHSC Curriculum Development, Community Care Services Eligibility Unit

Dr. Edli Colberg - Demographer, Center for Analytics and Decision Support, Texas Health and Human Services Commission

Liliana Santoyo - Researcher/Demographer, Center for Analytics and Decision Support, Texas Health and Human Services Commission

This session will discuss data trends and predictions for an increasing older adult population and will highlight the services that Texas Health and Human Services has to meet the demand.

Water for Texas – Water for the Future

Kathleen Jackson - Board Member, Texas Water Development Board

Board Member Kathleen Jackson will discuss the role of the Texas Water Development Board (TWDB) and the need to develop a wide range of solutions, promising technologies and collaborative partnerships with communities to meet our current and future water supply and infrastructure needs. These ongoing efforts help ensure Texas maintains a healthy and vibrant economy. TWDB is actively engaged in community outreach across the state to address the common goal we all share, which is to develop water for Texas. Director Jackson will highlight TWDB financial assistance programs, including an update on implementing the State Water Implementation Fund for Texas (SWIFT). She will also discuss the important role of communities planning for the future to ensure we have enough water for our children and our children's children.

Factors that affect Health Care Access: Housing and Transportation in Travis County

Marianna Gomez - Strategy Analyst, Central Health

Central Health helps the low-income uninsured in Travis County get access to health care and improve the health of our community. Utilizing both point-in-time and 5-year trend data they will present an analysis of the effects an increasing and shifting population on housing and transportation in Travis County and discuss how these changes could impact health care access in one of the fastest growing communities in the nation.

How City Software Development Kit and API Work (City SDK)

Jeff Meisel, Chief Marketing Officer,
U.S. Census Bureau

With the goal of supporting data users across the country, recent tools for Developers and Data Scientists have been developed to help lower the barrier to use Census data. One case study is the CitySDK (software development kit) which is a collaboration between the US Census Bureau, the Department of Commerce, HUD, USDA, and other agencies in the federal government. The CitySDK helps streamline the development of applications that use open data. Join us to learn more about the U.S. Census Bureau's open source efforts more broadly and additional case studies. These initiatives help city planners and development officers better allocate their investments, businesses optimize their operations, and non-profits understand if their programs are being successful.

A Simpler but Potent Integrated Land use Demographic forecasting Model for Metropolitan Planning

Ardeshir (Ard) Anjomani, Ph.D. - Professor, College of Architecture, Planning and Public Affairs,
The University of Texas at Arlington

U.S. urban areas are going through continuous growth decline with current trends suggesting continued and substantial growth over the next decades in most cities and metro areas in states such as Texas, California and Florida. With this growth come a greater demand for residential, commercial, and office development, as well as improvements in transportation infrastructure to facilitate the needed social and economic interactions. All of these imply the need for prudent planning for development of urban areas which would help achieving a sustainable social and economic development in our urban regions while avoiding problems such as congestion, pollution, environmental degradation, and a general decline in the eco system and quality of life.

This presentation briefly introduces integrated demographic/land use transportation modeling/planning processes with a focus on a GIS based applied process as an integrated model. It introduces new innovative approaches into the modeling of urban area including land use/environmental suitability analysis which helps derivation of needed results for real world practical applications. It also discusses the related planning support system of the applied process as well as the details of model components. Application examples for a metropolitan region, a sub-region and a city as well as scenario analysis will also be briefly presented. The educational purpose is to teach planners how to initiate and implement integrated demographic/land use transportation planning of different levels.

Establishing a Historical Model for Suburban Growth in San Antonio, Texas 1890-2010

Ian Caine - Assistant Professor of Architecture, University of Texas at San Antonio

Rebecca Walter, Ph.D. - Assistant Professor of Urban and Regional Planning, University of Texas at San Antonio

Nathan Foote - Rutgers University

This paper examines the form, location and type of suburban expansion in San Antonio, Texas between the years 1890 and 2009. The research confirms three critical trends: first, that historically concentric growth patterns have given way to a polycentric structure in the last decades of the twentieth century; second, that the centrifugal expansion of the city accelerated significantly during the same period; and third, that the relative increase of multifamily completions has surpassed that of single-family completions in five of the last six decades. These findings align with current literature on the growth of U.S. cities and reinforce the necessity for the City of San Antonio to continue planning for polycentric, suburban growth in the coming decades.