

# 24th Annual New Mexico Data Users Conference 2022

## *About the Presenters*

### Larry Brotman

Larry Brotman is the GIS resource for the New Mexico Taxation and Revenue Department. He's been with TRD since 2006 when he and his family moved back to Albuquerque from Seattle. His roles at TRD include supporting the Department's Property Tax Division and the parcel mapping work of their partners at thirty-three County Assessor Offices, supporting the gross receipts tax program with data, maps, and apps, and serving as the State Certifying Official for the Census Boundary and Annexation Survey.

Larry has a Bachelors in History from Cal State Long Beach and a K-8 Teaching Certificate and Masters from UNM.

### Michelle Doran

Michelle Doran is an Economist for the Economic Research and Analysis Bureau with the State of New Mexico's Department of Workforce Solutions. She has worked for the Bureau for 20 years after she received her Bachelor's and Master's degrees in Economics from UNM. Michelle is currently the Program Lead on the Quarterly Census of Employment and Wages program, and the Database Administrator for the One Stop Labor Market Information (LMI) grant. As the Database Administrator, Michelle works with Geographic Solutions' labor market products to publish New Mexico LMI data and helped develop youth career exploration and planning websites for students.

### Earlene Dowell

Earlene Dowell is a Supervisory Program Analyst for the Data Users Trade and Outreach Branch at the U.S. Census Bureau. Dowell has been promoting and training people on the Longitudinal Employer-Household Dynamics (LEHD) products for over 12 years. LEHD makes available several online applications for dissemination and visualization to the public through Quarterly Workforce Indicators (QWI), LEHD Origin-Destination Employment Statistics (LODES) and Job-to-Job (J2J) data sets, Post-Secondary Employment Outcomes (PSEO) and Veteran Employment Outcomes (VEO). These applications include OnTheMap, OnTheMap for Emergency Management, LED Extraction Tool, QWI Explorer, Job-to-Job Flows Explorer, PSEO Explorer, and VEO Explorer.

Prior to joining the LEHD Program, Dowell played a key role during the 2010 Census in the Public Information Office and taught communication courses at the College of Southern Maryland.

Dowell received her master's degree in communication, a bachelor's degree in public relations from Hawaii Pacific University, and a master's certificate in Business Analysis from Duke University.

### Ryan Eustice

Ryan Eustice is the Economist for the New Mexico Economic Development Department and has been in the position for 2 years. He is the lead in the State Data Center Census Bureau program for NM. Originally from Santa Fe, New Mexico he attended college in Denver, Colorado where he received two bachelor's degrees, one in Economics and the other in Finance. He has been married for 8 years and his wife and he have four boys .

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## Michael Hawes

Michael Hawes is the Senior Advisor for Data Access and Privacy at the U.S. Census Bureau. He is responsible for outreach and engagement with the Census Bureau's data users on issues relating to the impact of privacy protection methodologies on the accessibility and usability of Census data. Hawes is a member of the Federal Committee on Statistical Methodology (FCSM), chairs FCSM's Confidentiality and Data Access Committee, and serves as vice-chair of the American Statistical Association's Committee on Professional Ethics in Statistics. Prior to joining the Census Bureau, he served as the Director of Student Privacy at the U.S. Department of Education. In that capacity, Hawes was the department's senior policy official responsible for the administration and enforcement of federal laws governing the privacy and confidentiality of education records, including the Family Educational Rights and Privacy Act (FERPA). He also served as Privacy Consultant to the Federal Commission on Evidence-based Policymaking, and as a principal author of the final report of the Federal Commission on School Safety. Hawes is a certified Project Management Professional (PMP), an Excellence in Government Senior Fellow, and a Certified Government Information Privacy Professional (CIPP/G).

## Jacqueline Miller

Dr. Miller is a Senior Research Scientist and Demographer at the Geospatial and Populations Studies (GPS) center at the University of New Mexico. Dr. Miller is primarily responsible for population and demographics analyses at GPS, including annual populations and, more recently, biannual projections for New Mexico and its counties. In addition to state and county estimates and projections, Dr. Miller works with local communities and stakeholders to develop customized demographic research projects to support community planning. Dr. Miller's interdisciplinary training supports diverse research projects, with current work focusing on relationship dynamics across the lifespan.

## Michael O'Donnell

Michael 'Mo' O'Donnell is the Director of The University of New Mexico's Bureau of Business and Economic Research. Dr. O'Donnell received a JD and a Masters in Agricultural and Resource Economics, both from the University of Arizona, and, a PhD in Economics from the University of New Mexico. He is a member of the Arizona State Bar.

For the past decade, Dr. O'Donnell has been responsible for managing BBER's quarterly economic forecasting program. Working closely with Dr. Mitchell, he produces 5-year projections of key economic variables for the state of New Mexico and its sub-state regions. Projections are used by both public and private-sector clients for the purposes of budgeting and strategic decision-making.

In addition, Dr. O'Donnell regularly engages in a wide variety of research projects related to tax policy analysis, regulatory analysis, demographic analysis, housing policy, and revenue forecasting. He also conducts water policy research and natural resource analysis and has published articles in scholarly journals and authored book chapters.

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## Shawn Penman

Dr. Shawn Penman is a GIS Specialist/Programmer at the Earth Data Analysis Center at the University of New Mexico. She came to EDAC as a student and became a part of the EDAC Staff in 2002. Dr. Penman has 20 years of GIS experience and is a certified GIS Professional (GISP) and a Flood Plain Manager (CFM). Dr. Penman received her PhD in Anthropology from University of New Mexico in 2002. Her project experience includes GIS applications for Emergency Management, Wildland fire mapping, and interactive web mapping. She has worked with different software technologies such as ESRI® ArcGIS Desktop and Server, ArcGIS Web APIs – Flex, Silverlight, FEMA Hazus, and ERDAS Imagine. Recently, Dr. Penman has taught GIS in the UNM Geography department as well as for the NMSU NM EDGE Program. She is a member of New Mexico Geographic Information Council (NMGIC). And currently serves as Secretary for the New Mexico Floodplain Managers Association. She is also the New Mexico Cooperating Technical Partner Coordinator for FEMA.

## Suzan Reagan

Suzan Reagan was hired by the Bureau of Business and Economic Research in 2013 to oversee the BBER Data Bank. The Data Bank has been a member of the US Census Bureau State Data Center Program (SDC) since the late 70's. Suzan supports the mission of the SDC's by providing public service to anyone needing assistance in accessing Census data or Labor data. She has served on the SDC Steering Committee for six years. For her work she received the Gustafson Award in 2021.

Suzan has over 20 years of experiences in analyzing industry and occupation statistics for New Mexico's economy. She came from New Mexico's Department of Workforce Solutions (NMDWS), Economic Research and Analysis Bureau where she worked on a variety of programs involving Labor Market Information. Over the years, she has been requested to do presentations around the state to a variety of audiences ranging from students, career counselors, labor boards and including the annual NM Data Users Conference prior to working at BBER.

## Robert Rhatigan

Robert Rhatigan is the director for UNM Geospatial and Population Studies. As head of the Population Estimates and Projections program, he develops demographic geodatabases used to track and analyze births, deaths, migration, building permits and other indicators of demographic change in New Mexico. Robert is New Mexico's liaison to the U.S. Census Bureau's Federal-State Cooperative for Population Estimates (FSCPE).

Robert has an M.A. in applied demography from the University of Colorado and has extensive background in GIS, data analysis and technical communication. He previously worked as an environmental specialist for Texas' largest rural development grant administration firm and as a GIS analyst developing digital recreational trail maps for handheld GPS devices. Robert's written publications include Working and Living, USA, a guide for foreigners immigrating to the United States.

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## Amadeo Shije

Amadeo Shije, was born and raised in Zia Pueblo New Mexico. Attended New Mexico Highlands University where he majored in Environmental Science with minors in Chemistry and Biology. He is a US Navy Veteran and served three tours in Viet Nam decorated RVN Combat Gallantry Cross with Palm and Navy Unit Citation. His employment history included working for the Atomic Energy Commission in Iowa, Fibercast Company in Tulsa Oklahoma an FRP Composite Manufacturing Company where he held positions as R&D Engineer, Specifications Engineer and Regional Engineering/Marketing Manager. Mr. Shije is a former Governor of Zia Pueblo, and former Chairman of the All-Indian Pueblo Council. He is currently employed with the Department of Commerce, US Census Bureau.

## Bárbara Zamora-Appel

Bárbara Zamora-Appel is a Program Analyst at the U.S. Census Bureau. In her current role, Bárbara leads the team responsible for developing the innovative tool Census Business Builder. She is on the development teams for other agency tools and dashboards including the COVID-19 Hub and the new My Community Explorer. Barbara also serves on interagency committees on emergency preparedness and collaborates on data equity efforts to help identify underserved communities.

Bárbara has extensive experience with program management, change management, business development, marketing, communications, training, and outreach. Prior to joining the federal government, Bárbara worked in the corporate and trade industries, not-for-profit, as well as government contracting.

Barbara is the recipient of two Department of Commerce Bronze Medals. She has also received Special Act Awards and certificates of appreciation.

She holds a Professional Certificate in Business Analysis from Duke University, an MBA from the University of Maryland Global Campus, a Bachelor's Degree from Goucher College, and a certificate on Business in the European Context from the University of Antwerp in Belgium.