Workshop Planning Committee

V. Joseph Hotz, Co-Chair (Duke University)

Joseph Salvo, Co-Chair (NYC Dept. of City Planning)

Catherine Fitch (Minnesota Pop. Center & IPUMS)

Daniel Goroff (Sloan Foundation & NSF)

Eddie Hunsinger (Calif. Dept. of Finance)

Linda Jacobsen (Population Reference Bureau)

Michael McDonald (University of Florida)

Matthew Snipp (Stanford University)

CNSTAT

Brian Harris-Kojetin (Director)

Daniel Cork (Senior Program Officer)

Constance Citro (Senior Scholar)

Anthony Mann (Program Associate)

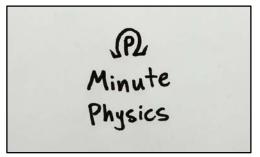# Speakers & Panelists

Outstanding group of "volunteer" experts!

Many Thanks!

Data Utility and Balancing the Privacy Budget

Census-Sponsored Differential Privacy Video

"It's mathematically impossible to provide perfectly accurate answers for as many questions, or statistics, as you want, while also protecting the privacy of respondents. So curators need to do two things: understand the needs and desires of the people who provide the data and the people who want to use the data in order to determine precisely what balance in accuracy vs. privacy to choose, and then not waste that limited privacy budget by publishing accurate answers to unimportant questions."

Source: "Protecting Privacy with Math (in collaboration with the U.S. Census Bureau) September 12, 2019, Minute 12:05.

Goal of Workshop

- Provide Constructive Input to Census on Implementation of New Disclosure Avoidance System (DAS) for 2020 Census Products

- Asked Presenters to:
  - Lay out their "Use Cases" & Tabulations Used/Needed
  - Summarize their findings from 2010 Demonstration Products
  - Make recommendations, where possible, on ways for their Use Cases to "live within" the Privacy Budget.