

## FCSM Adaptive Design Interest Group Minutes

2/1/16

### Attendees:

Meena Khare (NCHS)  
John Dixon (BLS)  
Hiroaki Minato (EIA)  
Elise Christopher (NCES)

Ben Reist(Census/CAD)  
Gina Walejko(Census/CAD)  
Stephen Kaputa (Census/ECON)  
Jenny Thompson (Census/ECON)

Michael Thieme(Census/CAD)  
Peter Miller(Census/CAD)  
Kevin Tolliver(Census/CAD)

### Agenda Items

#### 1. Current Projects:

##### Hiroaki (EIA)

EIA is currently in data collection for a mode experiment involving the Household Residential Consumption Survey. The aim is to tailor mode offerings to respondents.

##### John Dixon (BLS):

No projects are currently in data collection. Currently looking at historic data ("what if" scenarios) seeking optimal telephone call cost/quality thresholds for CPS and CE.

##### Elise Christopher (NCES):

Observing types of incentives, timing of incentives and other incentive related studies. They have presented their findings at FCSM. Currently working on High School Longitudinal study where they will determine the amount of incentive. To do this they will use a calibration study, where they will randomly assign incentive amounts to 10% in order to determine best incentive amount. This experiment starts in March.

##### Stephen Kaputa (Census/ECON):

Conducting an embedded test in the 2015 Annual Survey of Manufactures to study the (1) effects of nonrespondent subsampling (small establishments) for nonresponse follow-up (NRFU) and (2) effect of a targeted NRFU strategy, where all cases receive a form of contact, but selected domains are targeted for more expensive treatments.

##### Michael Thieme/Ben Reist (Census/CAD):

-NSCG: Mode switching experiment in survey of college graduates. In 2013, findings suggest that we can reduce sample imbalance and reduce cost, but need larger sample.

In 2015 experiment with larger sample, findings indicate that we can maintain response rate, reduce sample imbalance, and (though data are not available yet) perhaps reduce cost.

-NCES-NTPS survey: tracking response for subdomains and targeting effort to those with low

response so that NCES can meet criteria for publishability.

-SIPP: Adaptive workload experiment, focused on prioritizing cases for interviewer effort.

## 2. Upcoming Presentations

Stephen Kaputa (Census) will present the ASM research in an invited session organized by Barry Schouten (Statistics Netherlands) at ICES V. The conference will also have two invited overview lectures on adaptive design in a single dedicated session: the presentations will be given by James Wagner and Annimieke Luiten.

Marilyn Seastrom organized adaptive design invited panel for JSM.

Jeffrey Gonzalez organized adaptive design topic contributed panel for JSM

Peter Miller will organize roundtable discussion of alternative goals for adaptive design at JSM.

Gina Walejko, Kevin Tolliver, Ben Reist, Stephanie Coffey and Allison Zotti (Census) are presenting at JSM.

Bayesian Adaptive Design (BADEN) research group will have a special session at AAPOR.

## 3. International Adaptive Design Workshop

Next workshop in U.S. in 2017. The FCSM Adaptive Design Interest Group can be involved in planning for that meeting.

## 4. FCSM 2016 Policy Workshop

Adaptive Design Interest Group can submit panel ideas to organizers.

## 5. Recent Publications

Rebecca Andridge and Jenny Thompson(2015). "Assessing nonresponse bias in a business survey: proxy pattern-mixture analysis for skewed data." *Annals of Applied Statistics*.

Gina Walejko and Peter Miller (2015). "The 2013 census test: piloting methods to reduce 2020 census costs." *Survey Practice*.

## 6. Action Items

Send papers or documents on adaptive design research should send to Peter so that we can have a library on the FCSM website for interest group members. (See document from Hiroaki Minato on the EIA mode experiment study).

Send ideas for the 2016 FCSM policy workshop on policy issues involving adaptive design research.

The Journal of Official Statistics has put out a Call for Contributed Papers for **a JOS Special Issue on Adaptive Design** for surveys and official statistics. Submissions are due by **March 31, 2016**.