# Using Data Effectively in Federal Grant Applications

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#### IOWA STATE UNIVERSITY Extension and Outreach

# **Grant Writing**

Does your organization write grant applications internally?

Do you contract with external organization or individual to write grant applications for your organization?

\* Who do you contract with?

### Data: Not just for evaluation

- Planning
- Documenting problem/need and status quo (benchmark) in application
- Evaluation



### Planning: What's your problem?!

- A grant application should aim to solve a problem
- Problem can never be that you do not have enough money
- To identify problem, think about the people your organization serves
- YOU saying something is a problem does not make it a problem



# **Identifying problem**

#### **Qualitative data**

- Needs assessment
- Survey (text)
- Strategic planning process (that includes stakeholders, partners, board/council, staff)
- Focus group(s)
- Grassroots coalition

# Critical for planning success?



#### **How to: Qualitative data**



- Assessing Community Needs and Resources, University of Kansas Community Tool Box
- Administration for Community
   Living's Innovations in Nutrition
   Programs and Services
   Replication Grant toolkit
   examples

### **Back it up: Quantitative data**

#### **Primary data**

- Number of individuals served
- Number of requests for a service, program you were not able to fulfill
- Average cost of a meal
- Number of partners

#### Secondary data

- Poverty rate for residents over the age of 65
- USDA food access data
- County health rankings
- Needs assessment conducted by another organization

# **Primary quantitative data**

- What data do you currently collect?
- What data might it be helpful for you to collect in the future?



### Secondary quantitative data

- What data do you currently use?
- What might be helpful for you to find and use in the future?



# Some secondary data sources

- U.S. Census Bureau QuickFacts
- U.S. Census Bureau Exploring Age Groups in the 2020 Census
- County Health Rankings and Roadmaps
- USDA Food Access Research Atlas
- Elder Economic Security Standard€ Index
- America's Health Rankings Risk of Social Isolation (over age 65), by county
- Background info on collecting and analyzing data for food-related grant projects
- National benchmarks for congregate nutrition programs

# Using data in application

- Cite both qualitative and quantitative data in documenting problem/need in application
- Provide a comparison point for data state or national data comparison and/or local trend over time
- NARC data and studies can help document why specific intervention activities were selected to address the identified problem – and help establish benchmarks for evaluation

### Using data for evaluation

- Quantitative Data Typically needs to be primary source (collected by your organization) since it takes longer for impacts to show up in secondary data
- Qualitative data sources used to identify and document problem can also be used to document impacts in evaluation (survey, focus groups, number of participants or partners)
- Consider Ripple Effects Mapping or Impact Mapping as a qualitative data follow-up to Needs Assessment

#### **Using Data in Evaluation**

#### **Qualitative**

- Focus groups
- Survey (text)
- Ripple Effects Mapping

#### **Quantitative**

- Number of individuals served
- Survey (numerical)

#### Using data in evaluation Continued

<u>Innovations in Nutrition</u>
<u>Programs and Services –</u>
Replication Grants tool kit



#### **Evaluation: Qualitative data**



"Before coming to the Encore Café, I had not shared a meal with someone else since my wife passed nine years ago."

-- Ken, Marion IA

#### **Thank You**

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