

RESEARCH ADVISORY COMMITTEE

Meeting Minutes

Date: July 14, 2020

Time: 12:00-1:00 PM

Place: Via Zoom

Members present: Jeff Burgess, David Marrero, Jessica Moon, Tomas Nuno, Tricia Haynes, Robin Harris, Cyndi Thomson, Rebecca Crocker, David Garcia (**Admin:** Olivia Healy) **Absent:** Melanie Bell (sabbatical), Scott Carvajal, Doug Taren

Meeting Agenda:

1. Tricia Haynes AIMS Page: Metabolic Syndrome

a. Background:

- i. Examine relationship between sleep and metabolic syndrome in law enforcement officers
- ii. Also examine between relationship between metabolic syndrome and job stressors
- iii. 2 week longitudinal analysis combined with long-term analysis

b. RAC Comments:

i. David

1. How will you quantify met severity? Will quantified in-person using various different types of tests, including blood samples
 - a. Cyndi will share with her at home blood testing kit that can be used as alternative for study

ii. Cyndi/David

1. Make sure you address the discussion of current evidence about what metabolic syndrome is and what characterizes it differently from related problems
2. May help to pick one biomarker for comparison versus multiple to show a stronger connection
 - a. Look at insulin sensitivity measure
3. Possibly look at relationship dynamics in law enforcement as well

iii. Robin

1. Clarify what you are going to be doing as part of the study in relation to previous study
2. Also clarify population to be worked with and why it is significant

iv. Jeff

1. Talk about the findings from previous study and how the next study address gaps in previous research

v. Cyndi/Robin

1. Seems to complex; maybe simplify and lower focus on physical activity and diet connection to metabolic syndrome
2. Take the metabolic syndrome portion out of the 2 week smaller portions of the study
3. Could refocus on diet as the outcome and change approach from there

- a. Tie the outcomes back to metabolic syndrome

vi. Jessica

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1. Make sleep aspect more prominent in the proposal so it is routed correctly

2. Tomas Nuño NOSI Submission:

a. Background

- i. Look at impacts of COVID-19 on health within Hispanic males
- ii. Examine COVID-19 related knowledge, beliefs, and preventative practices within the Hispanic community studied

b. RAC Comments

i. Jeff

1. How many individuals will get COVID-19 within the sample?
Possibly look at COVID diagnoses as a sub aim and then look at how COVID-19 has disrupted their care
Discuss how the belief in vaccinations may connect to the 2nd aim

ii. Robin

1. Shares same concern of how many will get COVID-19. Will you be testing somehow either for COVID or for antibodies?
2. Bring up mixed-methods earlier in proposal and what the mixed-method approach will involve
3. Remove comparison group portion (confirmed by David that this can be removed)

iii. Cyndi

1. Is there an opportunity to look beyond the population that is already a part of LUNA?
Yes, you can work with others in the household of LUNA participant (David)
2. Focus this around a health belief or value expectancy model for the qualitative portion to assess individual perceived risk and then connect back to Aim 1

iv. David

1. What sets this study apart from other COVID proposals?
Liver disease and liver scans (Cyndi and Robin)
2. Amplify the connection between data you will collect and have collected via LUNA and outcomes related to understanding health outcomes in this Hispanic population

v. Rebecca

1. Qualitative work will also be helpful in order to not only understand COVID exposure but COVID knowledge in unique population

vi. Jessica

1. 3 large focuses; possibly refine

Action Item

- Olivia and Suzanna to send out the RAC doodle's for August ASAP