CUSTOM VISUALIZATIONS OF WEARABLES DATA FOR VETERANS WITH PTSD

RTI INTERNATIONAL: SOCIAL, STATISTICAL, AND ENVIRONMENTAL SCIENCES UNIT
CENTER FOR HEALTH ANALYTICS, MEDIA, AND POLICY DIVISION
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CHIP 793: HEALTH INFORMATICS INTERNSHIP
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BACKGROUND

- USMC VETERAN
- CYBER TECHNICIAN
- MILITARY SPOUSE
- UNDERGRAD: PUBLIC HEALTH
- GRADUATE: BIOMEDICAL AND HEALTH INFORMATICS
- AI IN HEALTHCARE
Assist the Center for Health Analytics, Media, and Policy Division (CHAMP division) with their ongoing research surrounding wearables data for veterans with post traumatic stress disorder (PTSD).
METHODS

• Multi-phase cohort study
• Wearable device
• Cloud-based electronic health record
• Multiple data collection points
INTERNSHIP ACTIVITIES

Contribute
- Perform scoping review
- Include/exclude material

Document
- Compile data
- Build tables

Author
- Write manuscript for RTI Press
- Summarize cohort activity
CHALLENGES AND LESSONS LEARNED

DELAY

CLASS

RTI PRESS

NO DATA

COVID
CONCLUSION

Work with RTI International → Help vulnerable population → Discover new treatment methods
REFERENCES

GARMIN. (2021, November 07). Vivosmart4. Retrieved from Wearables and Fitness Tracking:


