



# FLORIDA STATE UNIVERSITY COLLEGE OF MEDICINE

## *Research Workshop Series #1 Introduction and Overview*





# Workshop Overview

- Introduction to FSU CoM's Network for Clinical Research and Training
- OneFlorida Clinical Research Consortium overview
- Future research workshop ideas



FLORIDA STATE UNIVERSITY

COLLEGE OF MEDICINE

NETWORK FOR CLINICAL RESEARCH  
AND TRAINING



# Network for Clinical Research and Training (NCRT)

## MISSION

- Build capacity for community based research with diverse and underserved patient populations
- Translation of findings to impact clinical practice

## VISION

- Improve the health of Florida residents through high quality research in community based settings



# What is the Network for Clinical Research and Training?

- Statewide, multidisciplinary, collaborative
- Community-based faculty of healthcare professionals
- Supports practice-based translational research
- Based on FSU CoM's distributed educational model
- More information: Network for Clinical Research and Training




 **Regional campuses:**

- 1: Daytona Beach
- 2: Fort Pierce
- 3: Orlando
- 4: Pensacola
- 5: Sarasota
- 6: Tallahassee

 **Rural training sites:**

- 7: Immokalee
- 8: Marianna

 **Clinical training site:**

- 9: Thomasville, Ga.



# Florida State University College of Medicine Regional and Rural Campuses



# Why Practice-based Research?

- Occurs where patients receive the majority of their care
- Identifies problems in every day practice that create gaps between care recommendations & health care delivery
- Tests interventions in “real world” settings
- Functions as “laboratories” to test system improvements in medical care



# Benefits of Participation

- Enhanced research expertise & capacity
- Improved quality of care & patient outcomes
- Training & professional development
- Access to FSU IRB oversight





# Opportunities for Investigators

## *Community-based research studies*

- Grant searches and writing guidance to fund research
- Site recruitment and training
- Study implementation support at the practice level
- Data collection assistance

## *Access to diverse patient populations*

## *Education & training*

- MOC, CME
- Research methods & logistics

## *Publications & presentations*

- Guidance on research dissemination



# NCRT Research Studies

## *Health Information Technology*

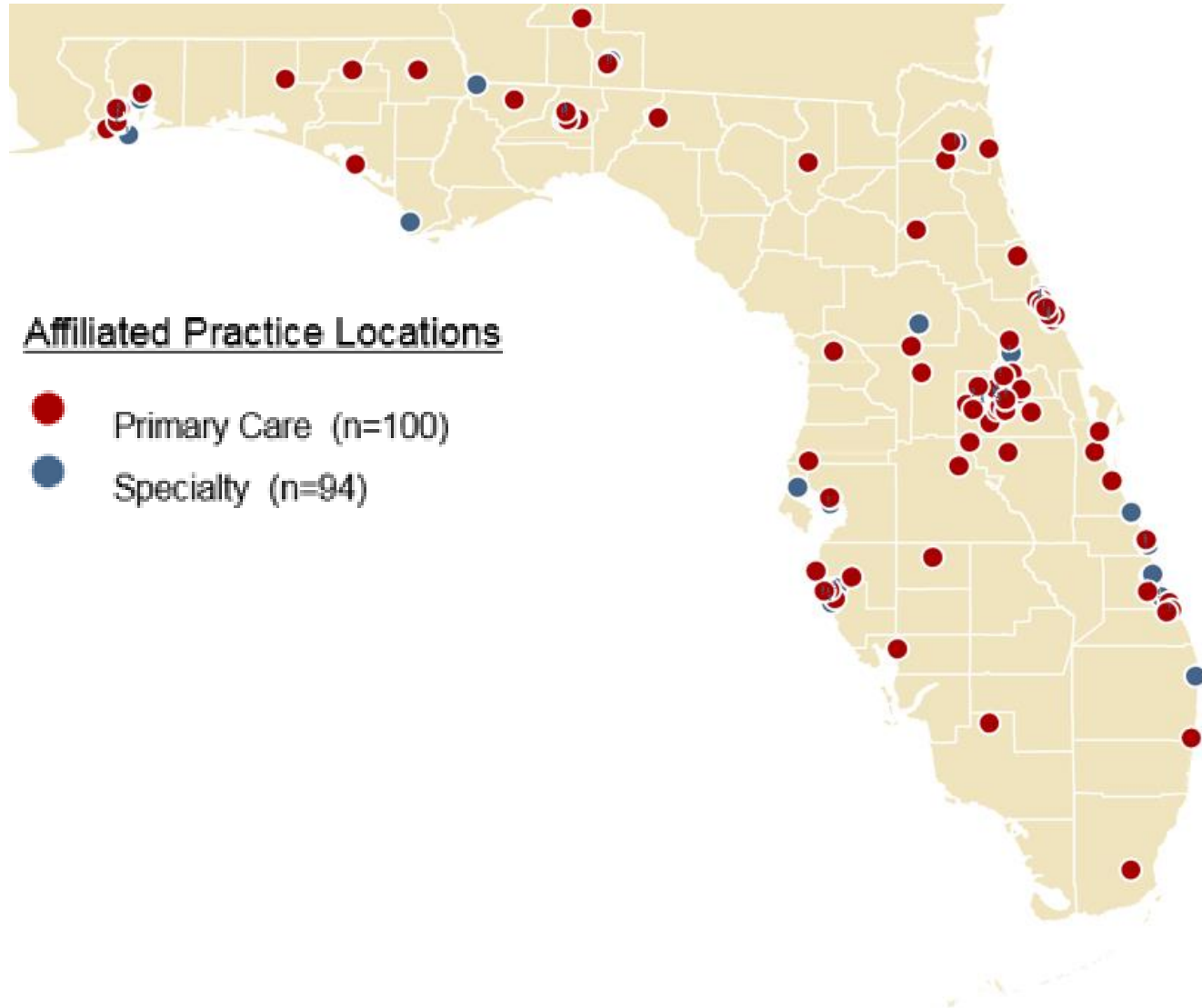
- Pediatric sports-related concussion management
- Adolescent health risk assessment
- HPV Vaccination

## *Specimen Collection and Application*

- Hypertension
  - Assessed PRA level to optimize BP medications
- Genomics
  - Buccal swab to assess genetically-driven metabolism of opioid pain medications



# NCRT Practice Locations

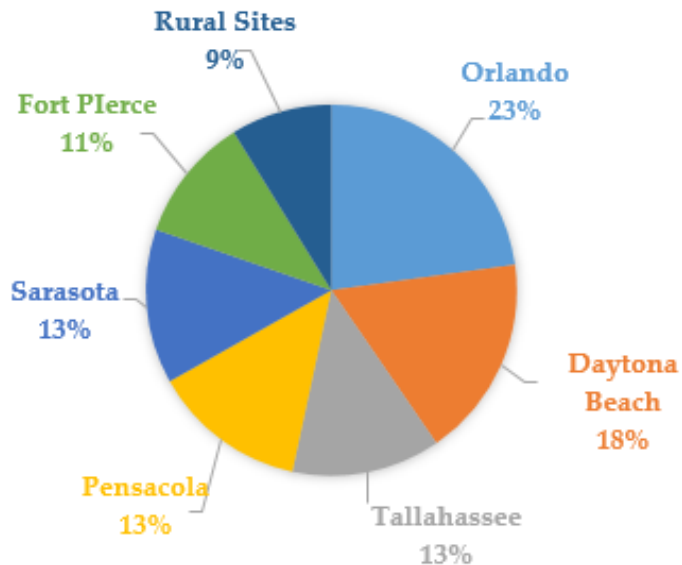




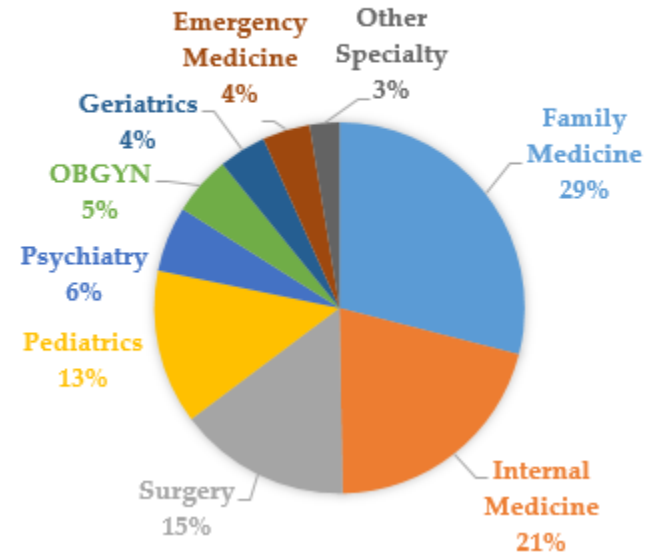
# Current NCRT Membership

- 197 FSU-affiliated practice entities
- 52% are primary care practices (n=103)
- How does your practice join the NCRT?
  - Contact your RCD or a member of the NCRT team

## REGIONAL CAMPUS



## MEDICAL SPECIALTY





# How can you participate?

## *As a Research Site*

- Allow access to your patients for research study participation
- Study implementation, patient consenting & data collection assistance via FSU Clinical Research Associates

## *As a Site Level Investigator*

- Implement another PI's study in your practice
- Practice facilitation

## *As a Principal Investigator or Co-PI*

- Design or collaborate on a study to execute in the network



# The NCRT Team

## Main Campus

Jeffrey Joyce, PhD (2/1/17)  
Senior Associate Dean for Research  
and Graduate Programs

Donna O'Neal, MA  
Assistant Dean for Research Activities

Jessica De Leon, PhD  
Assistant in Research

Meardith Pooler, MSPH  
Clinical Research Associate

## Orlando Campus

Michael Muszynski, MD  
Associate Dean for Clinical Research  
Chair, Research Advisory Committee

Michelle Vinson, MS, RDN  
Director, Network for Clinical  
Research and Training

Lori Drum, LMHC, CCRC  
Clinical Research Associate

Jennifer Mauck, MPH  
Clinical Research Associate



OneFlorida  
Clinical Research Consortium



# Partners & Scope

## *Statewide partnership*

- Academic institutions: UF, FSU, UM
- Healthcare institutions
- Third party payers / pediatric claims data

## *Create enduring infrastructure*

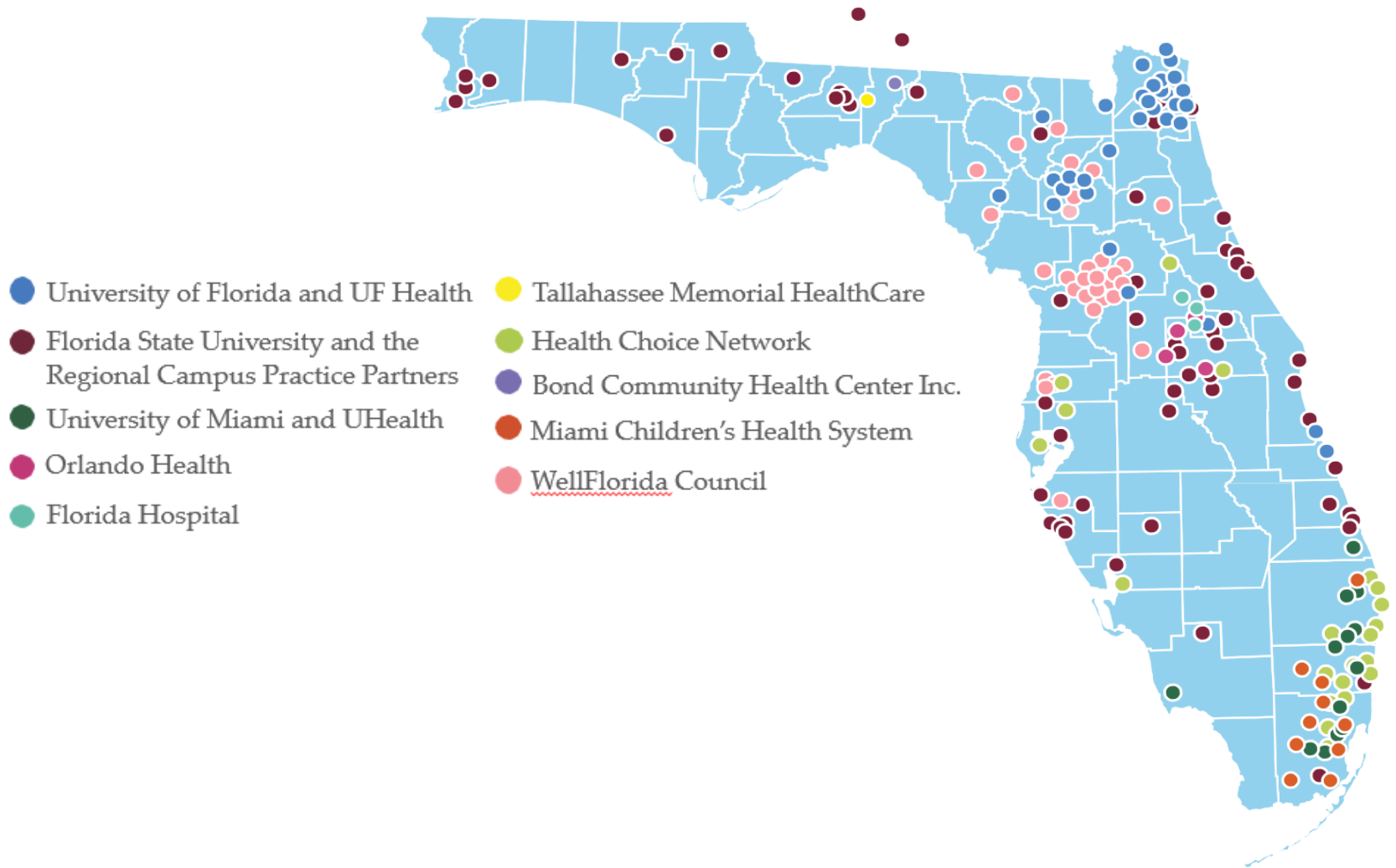
- Comparative effectiveness research
- Practice-based network research studies

*One of 13 Clinical Data Research Networks (CDRN)  
nationwide*





# Statewide Partner Locations





# PCORI & PCORnet

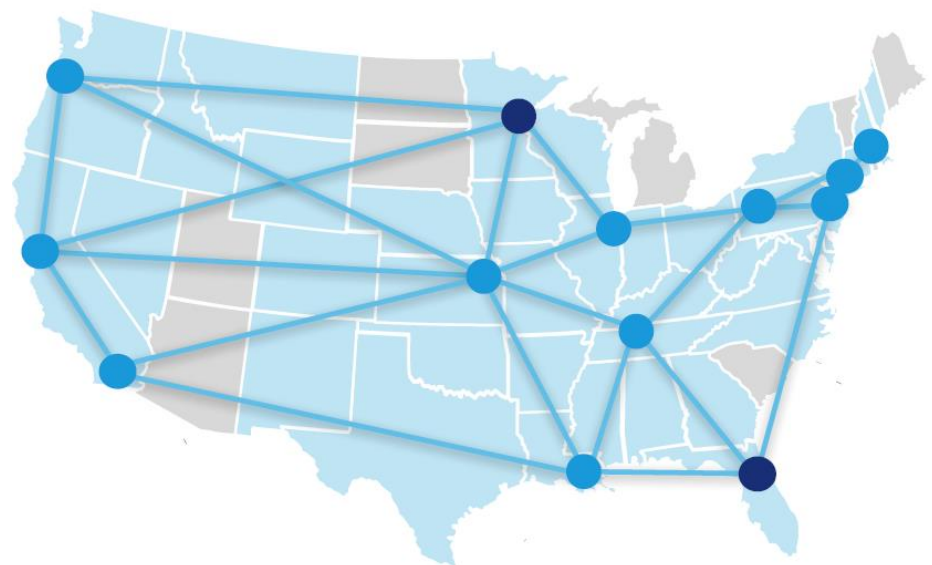
## *Patient-Centered Outcomes Research Institute (PCORI)*

- Funds comparative clinical effectiveness research (CER) & supports work that will improve methods to conduct such studies

## *Patient-Centered Outcomes Research Network (PCORnet)*

- Integrates health data studies & catalyzes research partnerships among 13 CDRNs nationally

Condition	PCORnet
Respiratory conditions	2,837,803
Selected malignancies	1,294,158
Myocardial infarction	354,929
Stroke	420,802
Rheumatoid arthritis	254,803
Ulcerative colitis	88,029
Hypertension	5,902,641
Renal disease	1,018,729
Influenza/pneumonia	869,306





# OneFlorida Data Trust

- Statewide data repository for the OneFlorida CDRN
- Current inventory (1/2017)
  - 4.5 years of completed data
  - 10.6 million patients
- Utilizes a Common Data Model (CDM) to standardize the way patient health data is entered and retrieved

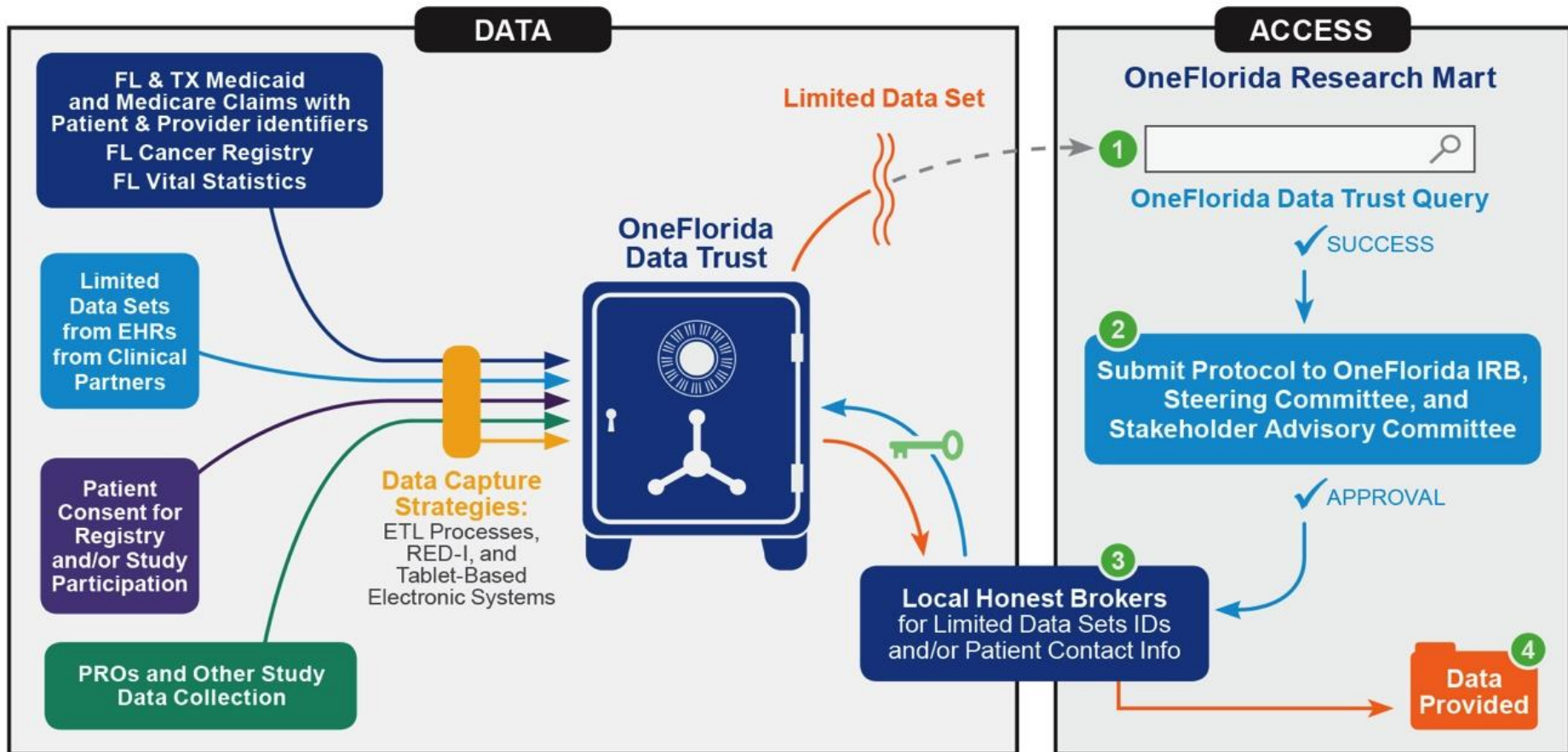


# PCORnet CDM Domains

- Enrollment
- Demographics
- Conditions
- Diagnosis
- Encounters
- Vitals
- Procedures
- Lab Results
- Medications
- Dispensing Information
- Patient Reported Outcomes
- Death
- Death Condition
- PCORnet Trial
- Harvest

More information: [PCORnet Common Data Model](#)

# OneFlorida Data Trust





# Using the Data Trust

## *Cohort Discovery*

- Available to “peek” at what you could do
- Identify trends

## *Study Feasibility*

- View available data based on a variety of demographics

## *Secondary Data Analysis*

- Diverse de-identified patient data
- Variety of health conditions



# *Future Research Workshop Topics*



# Potential Topics

- Study Methods and Design
- Human Subjects Research
- Grantsmanship
- Study Implementation and Data Analysis
- Dissemination of Findings





# *Feedback & Discussion*



*Questions?*