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
Florida State University College of Medicine
Regional and Rural Campuses

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.
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

Affiliated Practice Locations

- Primary Care (n=100)
- Specialty (n=94)
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

Meadridh 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
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

- University of Florida and UF Health
- Florida State University and the Regional Campus Practice Partners
- University of Miami and UHealth
- Orlando Health
- Florida Hospital
- Tallahassee Memorial HealthCare
- Health Choice Network
- Bond Community Health Center Inc.
- Miami Children’s Health System
- WellFlorida Council
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

<table>
<thead>
<tr>
<th>Condition</th>
<th>PCORnet</th>
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<tr>
<td>Respiratory conditions</td>
<td>2,837,803</td>
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<tr>
<td>Selected malignancies</td>
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<td>Myocardial infarction</td>
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<td>Stroke</td>
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<td>Influenza/pneumonia</td>
<td>869,306</td>
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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
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?