“The building blocks of family medicine research.”
Objectives

Participants will be able to:
• Learn about the Building Research Capacity initiative
• Learn about research capacity in US Departments of Family Medicine
• Learn about the characteristics of chairs of departments with significant or extensive research capacity
What is BRC?

- Building Research Capacity Initiative
- Sponsored by ADFM & NAPCRG
- Supported by STFM
- Led by the BRC Steering Committee:
  - Bernard Ewigman, MD (Chair)
  - Hannah Bruins (Coordinator)
  - Ardis Davis, MSW (ADFM Executive Administrator)
  - Dana King, MD (NAPCRG)
  - Tony Kuzel, MD (ADFM)
  - Lee Green, MD (NAPCRG)
  - Lynn Meadows, PhD (NAPCRG)
  - CJ Peak, PhD (NAPCRG)
  - Rob Post, MD (STFM)
  - Dave Schneider, MD (ADFM)
  - Tom Vansaghi, PhD (NAPCRG Executive Administrator)

“The building blocks of primary care research.”
BRC Rationale & Purpose

• All departments of family medicine and residency programs seek to build or sustain their research & scholarship capacity

• BRC aims to provide opportunities for all departments and residency programs to engage in a mutually beneficial learning community to leverage our strengths and resources for building research capacity
Three Programmatic Components/Work Groups

- BRC Assessment & Evaluation (Lee Green)
  - Formative & summative evaluation
- BRC Curriculum (Dave Schneider)
  - Presentations, workshops, seminars
- BRC Consultation (B Ewigman & Tony Kuzel)
  - Brief and Extended Consultations
Number of US Departments of Family Medicine by Research Capacity in 2017 (n = 98)

- Significant or Extensive Research Capacity: 33
- Moderate Research Capacity: 22
- No to Minimal Research Capacity: 43
Departments With >4 FTE Research Faculty Effort Supported >50% through External Research Grants by Research Capacity

- Significant or Extensive Research Capacity: 22
  - >50% FTE Funded: 11
  - 0-50% FTE Funded: 11
- Moderate Research Capacity: 15
  - >50% FTE Funded: 6
  - 0-50% FTE Funded: 9
- No To Minimal Research Capacity: 27
  - >50% FTE Funded: 3
  - 0-50% FTE Funded: 24
Departments with 3 or More Sources of External Research Grants by Research Capacity (n = 98)

- Significant or Extensive Research Capacity: 3 departments have 3 or more sources, 30 departments have 0-2 sources.
- Moderate Research Capacity: 8 departments have 3 or more sources, 13 departments have 0-2 sources.
- No to Minimal Research Capacity: 4 departments have 3 or more sources, 39 departments have 0-2 sources.
Sources of Grant Funding to Departments of Family Medicine 2017 (n=98)

<table>
<thead>
<tr>
<th>Source</th>
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<tbody>
<tr>
<td>Federal Sources</td>
<td>194</td>
<td>(68%)</td>
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<tr>
<td>Foundations</td>
<td>49</td>
<td>(17%)</td>
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<tr>
<td>State Sources</td>
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<td>(8%)</td>
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<tr>
<td>Industry Sources</td>
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<tr>
<td>Other</td>
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Sources of Federal Grant Funding to Departments of Family Medicine 2017 (n-98)

<table>
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<td>NIH</td>
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<td>CDC</td>
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<tr>
<td>Other</td>
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</table>
Departments with One or More Faculty Who Have Served on a Federal Research or Research Training Peer Review Panel

- Significant or Extensive Research Capacity: 25, 8
- Moderate Research Capacity: 15, 7
- No to Minimal Research Capacity: 35, 8

Legend: No faculty - Orange, One or more faculty - Green
Summary

1. Research capacity varies enormously among US Departments of Family Medicine
2. Robust research capacity is reflected by a critical mass of investigators with external grant funding
3. NIH, AHRQ, PCORI, CDC and Foundations are the major sources of research grants
4. Only about 30% of chairs have been career researchers
5. And 58% of chairs are dissatisfied with the research capacity of their departments
Acknowledgements

• Family Medicine for America’s Health (FMAH)
  – Lars Peterson MD PhD
• American Board of Family Medicine (ABFM)
  – Lars Peterson MD PhD
• Association of Departments of Family Medicine (ADFM)
  – Board of Directors and Members
  – Bernard Ewigman, MD MSPH
  – Amanda Weidner, MPH
  – Ardis Davis, MSW
• Society of Teachers of Family Medicine (STFM)
  – Ray Biggs
• Council on Academic Family Medicine (CAFM)
• CAFM Educational Research Consortium (CERA)
  – Chip Mainus PhD
  – CERA Steering Committee