

# Division of Clinical Research (DCR)

Judy Hung, MD  
Director



# MGH Clinical Research in 2021

1/3 of all 3,000 MGPO physicians are investigators

Over 2,500 MGH staff are in clinical research support roles

Over 30 Departments, Divisions and Centers

Annual research revenue/spending over \$1 billion (**half of it in clinical research**)

Over 2,000 active clinical trials

# Division of Clinical Research Mission (DCR)

Increase quantity, quality, & efficiency  
of translating **science** advances  
into improved **patient care**




MASS GENERAL  
RESEARCH INSTITUTE



DIVISION OF  
CLINICAL RESEARCH

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Nurture and  
empower the  
**next generation**  
of clinical  
investigators  
and study staff



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Expand MGH's  
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**Develop**  
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Expand MGH's  
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**mentors**

Provide hands-  
on **support** to  
clinical  
investigators  
and study staff

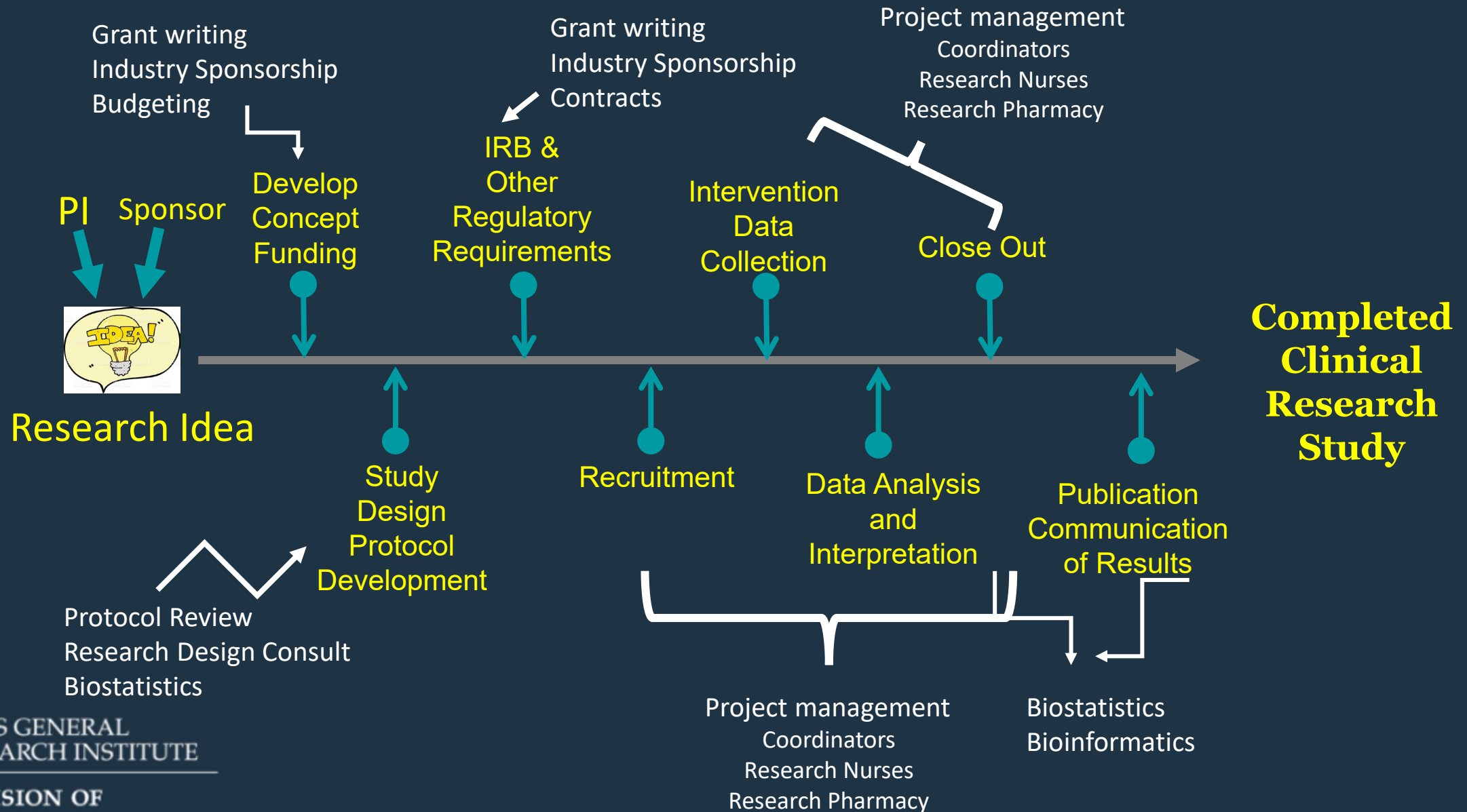


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# DCR: Supporting the Investigator



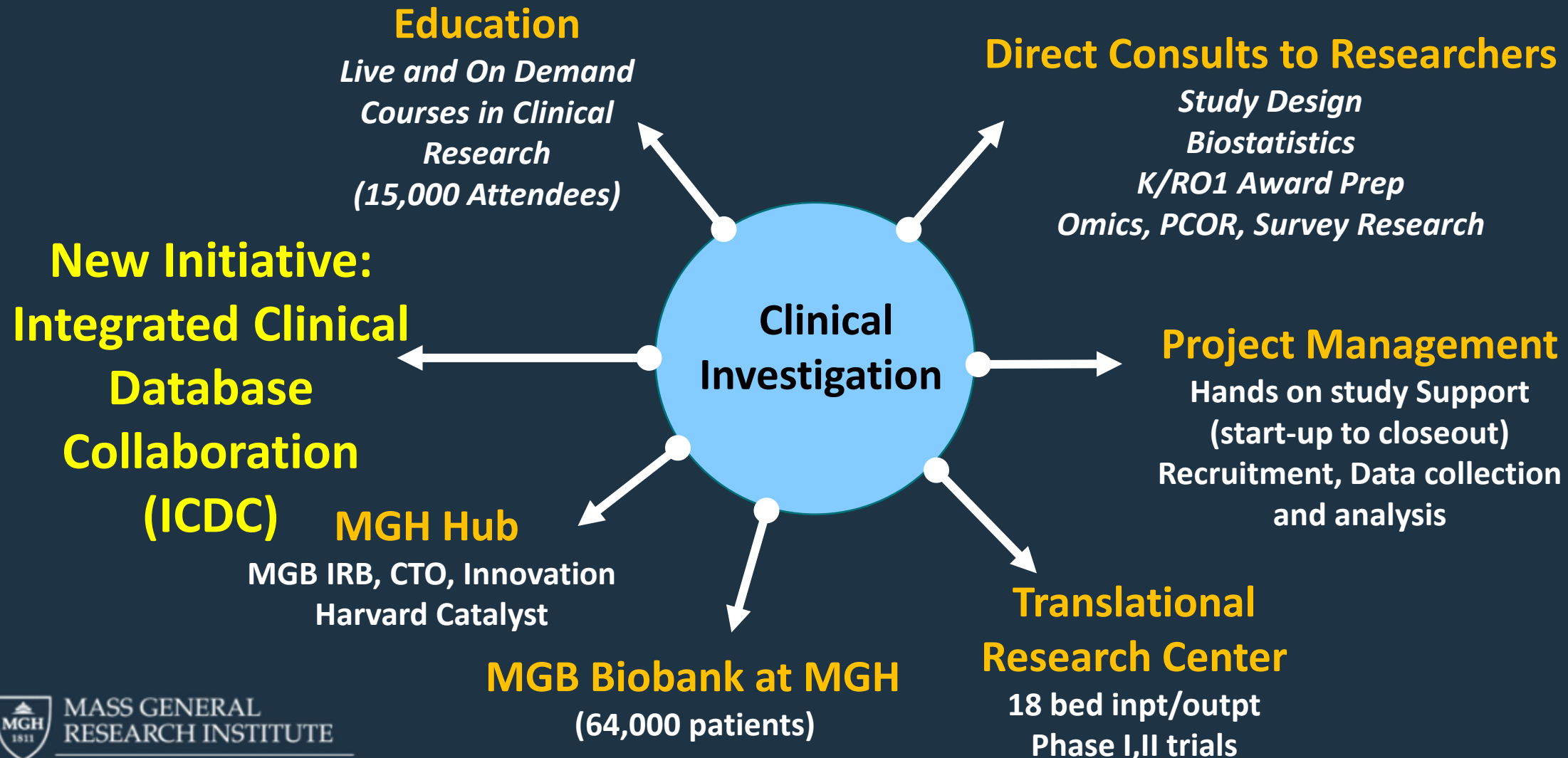
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# Division of Clinical Research

## Promoting and Supporting Clinical Research



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# DCR Structure

Centers (10)	Units (12)
<ul style="list-style-type: none"><li>•Bioinformatics Consortium</li><li>•Biostatistics Center</li><li>•Center for Clinical Research Education</li><li>•Center for Quantitative Health</li><li>•Clinical Research Center</li><li>•Community Access, Research and Education (CARE)</li><li>•Munn Center for Nursing Research</li><li>•Partners Biobank at MGH</li><li>•Pediatric Translational Research Center</li><li>•Translational Research Center</li></ul>	<ul style="list-style-type: none"><li>•Drug Discovery Rounds Unit</li><li>•Global Health Research Unit</li><li>•Imaging Biomarkers Unit</li><li>•Mentoring Corner (K-Awards)</li><li>•Omics Unit</li><li>•Patient Centered Outcomes Research Unit</li><li>•Philanthropy Education Unit</li><li>•Qualitative and Mixed Methods Research Unit</li><li>•Research Ethics Consultation Unit</li><li>•Study Hypothesis and Design Unit</li><li>•Survey Research Unit</li><li>•Trial Innovation Unit</li></ul>



**Tatiana  
Koretskaia**  
Director,  
Operations &  
Finance



# MGH Division of Clinical Research

Consult portal: <https://dcr.massgeneral.org/>  
Google: MGH DCR



[About the DCR](#) [Units and Centers](#) [Our Faculty](#) [Education Center](#) [Clinical Research Day 2021](#)



## Announcements

Return of Participants' Results, Secondary and Incidental Findings: Progress & Challenges  
<https://conta.cc/3FjhYFc>

<https://conta.cc/3qQMeIN>

Courses from the Division of Clinical Research:  
<https://conta.cc/3HC0BRA>

Courses from the Division of Clinical Research:  
<https://conta.cc/32My4Kg>

## Educational Support

Learn more about the Center for Clinical Research Education's (CCRE) educational support and programs.

All DCR Courses

Education Center

Suggested Courses

## Resources

[Mass General Brigham Research Resources](#) >

[MGH Resources](#) >

[For NIH Grant Applications](#) >

[Recruitment Resources](#) >

# Biostatistics Center

## Mission

Engage in impactful trans-disciplinary collaborations involving quantitative methods in public health and biomedicine. This includes collaborating with MGH investigators on the development, evaluation and application of rigorous statistical and data science methods to define and address a broad range of hypothesis-driven and exploratory research questions.

## At-a-glance:

- 24 faculty + 10 MS-level Biostatisticians
- + 12 additional staff (project managers, data managers, computer/admin support)
- Faculty PIs on NIH research awards; DCC for 4 large NIH projects
- Partner with DCR / DFHCC / CFAR / Catalyst (300-400 consults/year)
- Center staff and faculty currently collaborate with ~75 MGH PIs
- Free statistics consultations to K awardees
- Expanded fee-for-service operations



Andrea Foulkes, PhD.  
Director of  
Biostatistics Center

Request consults via  
DCR site or  
contact Dr. Andrea  
Foulkes

afoulkes@mgh.harvard.edu

# Center for Clinical Research Education

**Mission:** To improve the quality and quantity of clinical research within MGH by providing educational opportunities for clinical investigators and study staff.

**At-a-glance:**

- Education Center offers more than 293 lectures (200 in 2021) and courses throughout the year
- New Learning Management System (2021)
- Hosts 22 online modules (on Healthstream)
- Streaming of live courses
- Course attendance 16,400 year to date (split evenly between PIs and Study Staff) with introduction in March of virtual format for all courses.
- To register for DCR Education Center live courses, please go to: <https://learn.partners.org>

## Clinical Research Education Leadership



Karen Miller, MD and  
Andy Nierenberg, MD, PhD



# Center for Clinical Research Education

## Education Program Highlights for Investigators

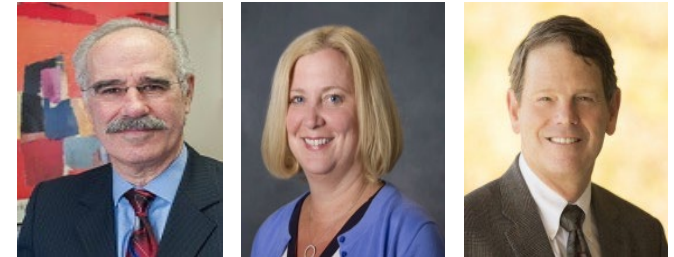
- Core curriculum to prepare investigators to conduct quality research:
  - A Clinical Research Fellow's Guide to Mentoring and Resources
  - Design and Conduct of Clinical Trials
  - Good Clinical Practice in an Academic Research Institution
  - QI Bootcamp
  - Basic and Applied Biostatistics
- Most popular elective for investigators:
  - Conquering the K: Applying for a Career Development Award
    - Clinical Research track (K23)
    - Fundamental track (K08)
    - K-awards Consultation
    - Conquering the K-to-R Transition Course (since 2020)



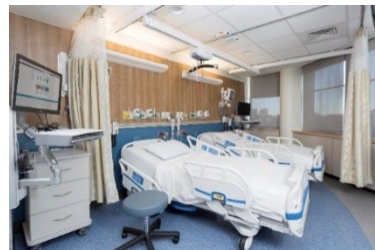


# Translational and Clinical Research Centers

- 18 bed Unit for human clinical research (White 12 and 13)
- Available to all MGH clinical investigators
  - Speeds the development of new drugs, devices and diagnostics with industry partners to improve patient care
  - Provides clinical research infrastructure support to NIH and foundation-funded investigators, as well as junior investigators and fellows
  - Supports > 100 PIs in all departments/ divisions
  - Research participants ages newborn to elderly



CRC Director: David M. Nathan, MD  
TCRC Nurse Director: Kathy Hall, RN  
TRC Director: Mason Freeman, MD



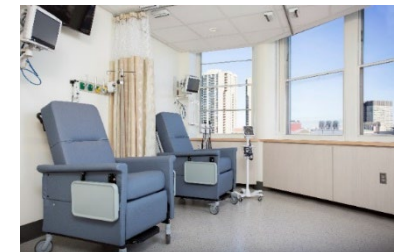
Two-bed study room



Centralized monitoring station



Metabolic kitchen



Infusion chairs for outpatients



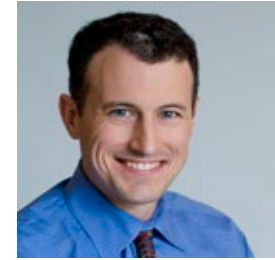
# Center for Quantitative Health

**Mission:** To facilitate investigations drawing on large clinical databases, most notably large-scale electronic health records (EHR).

**Specific Services:**

Consultation with investigators to plan and refine investigations making use of large clinical datasets and assistance in:

- preparation of materials describing investigations of large clinical data sets for submission to IRB or other regulatory review;
- generating descriptions of methods for incorporation in funding applications;
- generating pilot data to motivate funding applications, and for incorporation in publications;
- accessing appropriate large data sets and integration of multiple data sets – for example, use of birth and death certificate data;
- development of decision support tools which make use of results derived from large clinical data sets.



Request consults via  
DCR site or  
contact Roy Perlis, MD  
[rperlis@mgh.harvard.edu](mailto:rperlis@mgh.harvard.edu)





# Services of Division of Clinical Research open to all in MGB community!

# Questions?

dcr.massgeneral.org

