Clinical Research Investigator – Junior Faculty

This track was designed for junior faculty looking to develop skills in the conduct of clinical research.

**Suggested courses for skill development:**

- [ ] CITI (online through Partners Navigator website)
- [ ] IATA Shipping Training for Transportation of Biological Materials and Dry Ice (online)
- [ ] Good Clinical Practice in Research at an Academic Research Institution
- [ ] Clinical Research Fellows Guide to Mentoring and Resources
- [ ] Design and Conduct of Clinical Trials: Introduction to Clinical Trials
- [ ] Design and Conduct of Clinical Trials: Design and Analysis of Randomized Trials
- [ ] Design and Conduct of Clinical Trials: Working with a Statistician
- [ ] Design and Conduct of Clinical Trials: Selecting and Recruiting and Ethical Issues in Clinical Research
- [ ] Design and Conduct of Clinical Trials: Data Management and Beyond Data Management
- [ ] Design and Conduct of Clinical Trials: Protecting Patients: Why and How?
- [ ] Design and Conduct of Clinical Trials: Phase I Trials and Phase II Trials
- [ ] Design and Conduct of Clinical Trials: Alternative Study Designs and Phase III Trials
- [ ] Design and Conduct of Clinical Trials: Important Issues in the Conduct of International and Phase IV Trials
- [ ] Design and Conduct of Clinical Trials: Working Session with Course Faculty
- [ ] Design and Conduct of Clinical Trials: Clinical Trial Funding Strategies
- [ ] Design and Conduct of Clinical Trials: Negotiating with Industry: What They Want; What You Need
- [ ] Design and Conduct of Clinical Trials: Biomarkers and Medical Devices
- [ ] Design and Conduct of Clinical Trials: Participant presentations
- [ ] IRB: New Protocol Submissions
- [ ] IRB: Amendments and Reporting
Suggested courses for skill development:

- IRB: Continuing Review
- IRB: Consent Form Writing
- QI Bootcamp: What is the QI Program? How can they help me?
- QI Bootcamp: Informed Consent Process
- QI Bootcamp: Study Documentation
- QI Bootcamp: Unanticipated Problems, Adverse Events and Deviation/Violations
- QI Bootcamp: Investigational Product Accountability and Storage (drug and device)
- QI Bootcamp: Starting and Maintaining a Regulatory Binder
- QI Bootcamp: Potpourri of Regulatory Issues (ct.gov, audit readiness etc.)
- Maintaining Research Subject Privacy and Information Security
- Constructing a Hypothesis (online)
- Basic Biostatistics
- Applied Biostatistics
- Introduction to R Statistics Application and R User Group
- Budgeting for Industry Sponsored Clinical Research
- Clinical Trial Billing Series and Workshop on Patient Care Corrections
- IRB Issues for the Bench and Desk Scientist
- What Does the IRB Really Want? How to Write a Human Studies Protocol
- CT.gov: Introduction, Registration, Results Reporting
- Communicating Science Program: The Art of a Scientific Presentation (online)
- Communicating Science Program: What makes a Good Article? Critical Appraisal of Scientific Literature
- Communicating Science Program: Basics of Manuscript Writing for Clinical Researchers (online)
☐ Communicating Science Program: Writing a Scientific Abstract (online)

☐ Communicating Science Program: Drafting a Poster (online)

If applicable:

☐ SOCRA Certification Exam (annually) (at least 2 years of clinical research experience)

☐ Electronic Data Capture: RedCap and StudyTrax

☐ RedCap: Basic and Advanced Programming

☐ Introduction to the Research Patient Data Registry (RPDR) (online through Healthstream)

☐ RPDR Advanced Training

☐ Philanthropy at MGH: The Role of Philanthropy in the Clinical Research Process

☐ Introduction to Qualitative Research and QR-Focused Sessions (6)

☐ Applied Methods in Survey Research (2)

☐ Considering Applying for a Career Development Award? What you Should Know

☐ Conquering the K: Applying for an NIH Career Development Award

☐ Introduction to Bioinformatics: Next Generation Sequencing

☐ Responsible Conduct of 'Omics' Research

☐ Introduction to Omics Research

☐ A Primer on Complex Trait Genetics: Principles for the Beginning Investigator

☐ Epigenetics: An Introduction and Applications

☐ Implementation of Precision Medicine: Integrating Translational Research and Care Design

☐ Next Generation Sequencing: An Introduction and Clinical Applications

☐ Epigenetics Nanocourse

☐ Bedside to Bench: Recognizing and studying patients that lead to new discoveries

☐ Global Health Research Series
Community Access, Recruitment, and Engagement (CARE) Seminar and Recruitment Workshop

Innovation Workshop on Device Trials

Patient Centered Outcomes Research: Tips for applying for a PCORI Grant