

Presented by the Office of Faculty Affairs
& Faculty Development

Fundamentals of Medical Research and Scholarship

Monday and Tuesday, July 17–18, 2017

SIGN UP TODAY!

Register online at
www2.drexelmed.edu/FMRS

Deadline to register: July 5, 2017

Questions? Please contact
Michele Taylor at 215.762.4661 or
mtaylor@drexelmed.edu



Fundamentals of Medical Research and Scholarship

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New College Building, 19th Floor Boardroom
245 N. 15th Street (15th & Vine)
Philadelphia, PA 19102

Presented by the Office of Faculty Affairs
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Program Director: Alan B. Zubrow, MD
Professor of Pediatrics

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Fundamentals of Medical Research and Scholarship

TARGET AUDIENCE:

Residents, fellows and faculty at Drexel University
College of Medicine

LEARNING OBJECTIVES:

At the end of the two-day Fundamentals of Medical Research and Scholarship workshop, attendees will be able to:

- Cite sources of institutional support available for research projects.
- Navigate the Drexel IRB resource page and describe requirements for investigator human research compliance and training required for human subject research.
- Create a testable hypothesis, demonstrate an appropriate research design and use key statistical methodologies to analyze results.
- Communicate results of a study in the form of a grant application, oral presentation or publication.
- Design high-impact quality improvement projects and apply the SQUIRE guidelines to draft a QI manuscript.
- Locate electronic and print materials in the Drexel University Libraries' collection, and apply PubMed search engine and reference-management software to research projects.
- Articulate the importance of personal and professional development planning.

This activity is funded by the Office of Faculty Affairs & Faculty Development.

Program Agenda — Day 1

MONDAY, JULY 17, 2017

7:00 – 7:30	CONTINENTAL BREAKFAST
7:30 – 7:45	Opening Remarks Alan Zubrow, MD
7:45 – 8:30	Development of a Successful Research Project: From Concept to Award Kenny Simansky, PhD
8:30 – 9:30	Biostatistics I: Descriptive Statistics and Standard Errors Edward J. Gracely, PhD
9:30 – 9:45	BREAK
9:45 – 10:45	Biostatistics II: Hypothesis Testing and Confidence Intervals Edward J. Gracely, PhD
10:45 – 11:45	Introduction to Quality Improvement David Cooperberg, MD
11:45 – 11:55	Grab Lunch – Quick Break
12:00 – 1:00	Effective Delivery of Oral Presentations Neilanjan Nandi, MD
1:00 – 2:00	Quality Improvement – Applications David Cooperberg, MD
2:00 – 2:45	Introduction to REDCap Lauren May, MPH
2:45 – 3:00	BREAK
3:00 – 4:30	Key Considerations for Your Own Professional Development Nancy Spector, MD

Program Agenda — Day 2

TUESDAY, JULY 18, 2017

7:30 – 7:45	CONTINENTAL BREAKFAST
7:50 – 8:25	Grant Writing Basics Vineet Bhandari, MD
8:30 – 9:00	Navigating the IRB Karen Skinner, MSN, RN, NHA
9:00 – 9:45	Manuscript Writing Suzanne Boyle, MD
9:45 – 10:45	Biostatistics III: Power and Sample Size Edward J. Gracely, PhD
10:45 – 10:55	BREAK
11:00 – 12:00	Biostatistics IV: Multivariate Statistics Edward J. Gracely, PhD
12:00 – 12:30	LUNCH
12:35 – 2:15	Locating Bibliographic Literature Using Pub Med Library Computer Classroom 1208 1st Floor, New College Building Abby Adamczyk, MLIS
2:15 – 2:30	BREAK
2:30 – 4:30	Using Bibliographic Software Library Computer Classroom 1208 1st Floor, New College Building Gary M. Childs, MS

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