



## **"From Bench to Bedside: Research Training Course"**

**Dates:** July 19-25, 2016

**Location:** Johns Hopkins Hospital, Sheikh Zayed Tower –  
1800 Orleans St., Baltimore, MD

The objectives of the course are:

- 1) To obtain skills necessary to conduct clinical and translational research.
- 2) To obtain skills necessary in writing manuscripts and proposals.
- 3) To obtain knowledge about ethics and code of conduct in research.

### **Curriculum:**

#### **Tuesday, July 19, 2016 Toolbox 8 a.m to 5:30 p.m Hurd Hall/Johns Hopkins Hospital**

7:30-8:30am	Registration and Breakfast
8:15 am	Welcome by Course Directors
8:30 am	Introduction to Bench to Bedside/Course Outline -- <b>Dr. Irina Burd</b>
9:00 am	Evidence-based medicine – <b>Dr. Marie Diener-West</b>
10 am -12 Noon	“Epidemiologic Study Designs and Exploratory Data Analysis”– <b>Dr. Dhananjay Vaidya</b>
12Noon – 1pm	Lunch
1:00 pm	Ethics in Medical Research – <b>Dr. Ernest Graham</b>
2:00 pm	Asking your research question and hypothesis building – <b>Dr. Sapna Kudchadkar</b>
3:00 pm	Building a research database: Research “hygiene” – <b>Dr. Azadeh Farzin</b>
4:00 pm	Critical review of medical literature – <b>Dr. Irina Burd</b>
5:00 pm <i>Optional:</i>	“ABC’s of applying to residency and fellowship in the United States”

#### **Wednesday, July 20, 2016 Manuscript and proposal writing workshop (Dr. Sarah Poyton) 9 a.m to 5:00 p.m Welch Library**

8:30 am	Breakfast –
9.00 - 12.00 noon	Building a proposal, writing a research paper I
12.00 - 1.00 pm	Lunch
1.00 - 4.30 pm	Writing a research paper II, Writing a CV

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Thursday, July 21, 2016 Asking your research question workshop: 9 a.m. to 5 p.m  
Welch Library – West Hall- Jaime Blanck

9 am – Breakfast  
9:30am Pubmed and other research engines: Tools at the library- Jaime Blanck  
12noon – 1pm Lunch

Citing your work: RefWorks

Friday, July 22, 2016 Workshop group assignments: 9 a.m to 5:00 p.m (Drs. Irina Burd/Monira Albathi) Zayed Conference Hall and Arcade

9 am Breakfast  
Mastering Powerpoint for most effective presentations  
Asking your research question – work in groups on your project  
Literature search  
Building your hypothesis  
Study aims and research tools

Saturday – Sunday, July 23 & 24, 2016 Work on your own – prepare 5-7 minute presentations

Monday, July 25, 2016 – Presentations and Certificate ceremony – Zayed Arcade

8:30 am – Breakfast  
12Noon – 1 pm Lunch  
3:30PM Certificate presentations (Zayed Lecture Hall)