**Scientist Training as Academic Researchers 2016 Fall**
**NYU School of Medicine**

**Course organizer:** Lara Brambilla, Ph.D. and Jaume Amengual, Ph.D.
**Course director:** Keith Micoli, Ph.D.

**Description:** The purpose of this course is to introduce and familiarize postdoctoral trainees with both the process of obtaining a principle investigator position at academic institutions and the skills required to be an effective, independent investigator. The course is broken into six formal sessions:

1. Deciding on academic career: selection criteria, application assembly and interviews
2. Negotiation and laboratory set-up
3. Establishing a laboratory: the mission and direction
4. Funding
5. Lab management
6. Mentoring

An additional session about Chalk Talk will be held on Wednesday November 23rd with Dr Paula Croxson and Dr Thales Papagiannakopoulos.

**Textbook:** *Making the right moves: a practical guide to scientific management for postdocs and new faculty.* Howard Hughes, Medical Institute and Burroughs Wellcome Trust. Ed. L. Bonetta 2006

**Meetings:** Wednesday from 1:00-2:30 pm in Skirball 3rd floor Seminar Room. Lunch will be served.

**Course Structure and Communication:** the six formal course sessions will highlight the various requirements for obtaining and maintaining a successful academic research laboratory.

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<tr>
<th>Date</th>
<th>Topic/Speaker</th>
<th>Readings</th>
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| Wed, Sept 28th | Funding  
Speaker: Ken Cadwell  | Chapter 9      |
| Wed, Oct 5th  | Deciding on academic career  
Speaker: Eva Hernando | Chapter 1      |
| Wed, Oct 19th | Negotiation and lab set-up  
Speaker: Nina Gray  | Chapters 1     |
| Wed, Oct 26th | Establishing the lab  
Speaker: Richard Possemato | Chapter 2 and 3 |
| Wed, Nov 2nd  | Mentoring  
Speaker: Keith Micoli  | Chapters 5 and 13 |
| Wed, Nov 9th  | Situational Leadership  
Speakers: Elissa Hania | Chapters 4 and 5 |