

**New Course in the Biological and Biomedical Sciences  
Skill Development for Diverse Scientific Careers— Spring 2017  
B&BS 550b**

Instructors: Faculty from Yale and the local biotechnology and pharmaceutical community  
Organizer: Susan Baserga (in charge); Anthony Koleske and Barbara Kazmierczak, co-organizers  
Sponsored by: Administrative supplement to T32GM007223 and the BBS.  
Location: January 17 – May 2, 2017; SHM C103 (333 Cedar Street)  
Time: Tuesdays, 5:00 to 6:30 PM

In the Spring of 2017 we will offer a new course that will address topics that are not currently covered in any curriculum at Yale: biotechnology entrepreneurship; how to run clinical trials, both in academia and in pharma; the business and scientific sides of biotech; strategies for optimal professional productivity; how to convert a CV into a resume; and how to find a post-doctoral fellowship or research residency. The course will be graded satisfactory/unsatisfactory based on 80% attendance. For feedback, please take the Qualtrics survey at the end of each session or speak with one of the organizers.

- January 17, 2017     **Transitioning from academic research to a career in biotechnology.**  
*Instructor: Margaret Kiss, Ph.D., Director of Molecular Sciences, AxioMx, Inc.*
- January 24, 2017     **Your personal marketing plan: how to write a resume tailored to your career search.**  
*Instructor: Hyun Ja Shin, Ph.D., Office of Career Strategy.*
- January 31, 2017     **Planning and performing a randomized controlled clinical trial.**  
*Instructor: Loren Laine, M.D., Professor of Medicine (Gastroenterology).*
- February 7, 2017     **How to take the first step: Phase I clinical drug trials.**  
*Instructor: Patricia LoRusso, D.O., Professor of Medicine (Oncology).*
- February 28, 2017     **Skill development for the business side of biotech/pharma.**  
*Instructor: Rachael Felberbaum, Ph.D., Senior Director of Business Development, Protein Sciences Corporation.*
- March 28, 2017     **Entrepreneurship in the life sciences.**  
*Instructor: Leonard Bell, M.D., Chairman of the Board of Directors, Alexion Pharmaceuticals, Inc.*
- April 4, 2017     **Choosing and applying for research residencies and fellowships: paths to basic, translational and clinical research careers for physician-scientists.**  
*Instructor: Barbara Kazmierczak, M.D., Ph.D., Associate Professor of Medicine & Microbial Pathogenesis and the Director of the MD/PhD program.*
- April 18, 2017     **How to find, apply and interview for a post-doctoral fellowship.**  
*Instructor: Susan Baserga, M.D., Ph.D., Professor of Molecular Biophysics & Biochemistry, Genetics and Therapeutic Radiology; Program Director for the Predoctoral Program in Cellular and Molecular Biology.*
- April 25, 2017     **Effective use of 'big data' in research: large numbers are useful but they aren't a cure all.**  
*Instructor: Amy Justice, M.D., Ph.D., Professor of Medicine and of Public Health.*
- May 2, 2017     **Strategies to increase productivity in biomedical science.**  
*Instructor: Anthony Koleske, Ph.D., Professor of Molecular Biophysics and Biochemistry and Director of the Combined PhD Programs in the BBS.*