

Science and Scientists (BC 1099)

Spring 2008; Dr. Russell Romeo; W 4:10-6:00pm, **Office Hours: 2-4pm Tuesday, Office: Milbank Rm. 415B**
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Rm# 225 Milbank (Barnard College) and ** Rm# 614 Schermerhorn (Columbia University)

Purpose: Science and Scientists is a multi-purpose seminar in which students will hear about the research interests and personal histories of various scientists at all stages of their careers. Speakers from Barnard College and Columbia University will be included to give students an opportunity to identify possible faculty mentors for future research projects. In addition to faculty from Barnard/Columbia, scientists from other colleges, universities, and medical schools will also participate. **Note that some meetings are held in Rm#614 in Schermerhorn Hall, Columbia University**

Grades: Pass/Fail. A one page written report (single spaced, 12 point font, with 1in. margins) summarizing what is covered each week (except for Week 1). Reports must be sent via email (rromeo@barnard.edu) within the week after the talk.

<u>Schedule:</u>	<u>Dates:</u>	<u>Topic:</u>
Week 1	1/23	Introduction and Aims of Course
Week 2**	1/30**	James Rose, Ph.D., Dept. Zoology and Physiology, University of Wyoming Title: "Courtship Behavior in Male Roughskin Newts"
Week 3	2/6	Russell Romeo, Ph.D., Dept. Psychology, Barnard College Title: "Stress and the Adolescent Brain"
Week 4**	2/13**	Joshua Tenenbaum, Ph.D., Dept. Brain and Cognitive Sciences, MIT Title: "Computation Modeling of How We Learn"
Week 5	2/20	Richard Hunter, Ph.D., Dept. Neuroendocrinology, Rockefeller University Title: "CART, Stress and Metabolism"
Week 6**	2/27**	Jason Zevin, Ph.D., Dept. Psychology, Sackler Institute, Cornell University Title: "Age-Limited Learning Effects in Language"
Week 7	3/5	Robert Remez, Ph.D., Dept. Psychology, Barnard College Title: "The Role of Speech in Language"
Week 8**	3/12**	Jennifer Steele, Ph.D, Dept. Psychology, York University Title: "Interpersonal Perception and Social Cognition"
Week 9	3/19	Spring Break
Week 10	3/26	Lisa Eiland, M.D., Dept. of Pediatrics, Cornell School of Medicine Title: "The Developing Physician Scientist"
Week 11**	4/2**	Julia Kim-Cohen, Ph.D., Dept. Psychology, Yale University Title: "Gene-Environment Interactions on Mental Health"
Week 12	4/9	Ilia Karatsoreos, Ph.D., Dept. Neuroendocrinology, Rockefeller University Title: "Biological Rhythms"
Week 13	4/16**	Wendy Suzuki, Ph.D., Center for Neural Science at New York University Title: "The Organization of Memory in the Medial Temporal Lobe"
Week 14	4/23	Kara Pham, Ph.D., Dept. Psychology, Barnard College Title: "Neurogenesis and Stress"
Week 15	4/30	Rudy Bellani, B.S., Laboratory of Animal Behavior, Rockefeller University Title: "The Development of Brain Asymmetry and Lateralization of Behavior"