NRSC 6602 Scientific Skills Development, Fall 2014
(1 credit; Thursdays 4-5 pm, Muenzinger E214)
Organizer: Linda R. Watkins
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(please use this email address instead of my standard UC-Boulder email address so your email doesn't get buried in my inbox!)

Schedule (subject to change)
August 28  Brief overview of the course
  Dr. Ray Chavez— currently Vice President of Research &
  Development and Founder, Xalud Therapeutics based out of San
  Francisco; has been in various positions in several pharmaceuticals all
  focused on developing human therapeutics

September 4 - Dr. Rachal Winger — received her PhD in Psychology from UC-
  Boulder. Followed that with a law degree. Currently doing patent law
  in the Seattle WA area.

September 11 - Dr. Mark Lupa — worked in pharma, moved to Venture Capital
  (they raise money to invest in/finance start up companies, etc) and
  founded a Venture Capital firm in Boulder

September 18 - Dr. Chris Butt - after following a tenure-track assistant professor
  position in a medical school, is now Principal Scientist and Site
  Manager, DSM Nutritional Products, based in the Boulder area

September 25 - Seminar by Dr. Ruth Barrientos - “Aging-related alterations
  In neuroendocrine-immune function: Implications for hippocampal-
  dependent memory”

October 2 — Richard Husser and Christina Greever — whom you know as the
  core of our IACUC office. They won’t be talking about IACUC per se but
  rather about careers in compliance and regulation oversight.

October 9th - Seminar by Dr. Matt Frank - “Stress sounds the alarmin: a role for
  danger-associated molecular patterns in stress-induced
  neuroinflammatory priming”

October 16th - Dr. Molly Nickerson - received her PhD in Integrative Physiology
  from UC-Boulder. Has been working as a Science Liaison for Questcor
  Pharmaceuticals, whose job it is to visit with MDs and PhDs to share
  information about their therapeutic with them and bring news from
  MDs and PhDs back to the company

October 23 - Dr. Kara Nyberg — Science writer and founder of Nyberg Medical
Communications; specializes in conveying medical and health related information to healthcare professions, scientific researchers, sales representatives, patients and the general public

October 30 - **Dr. MaryBeth Vellequette** (Director of Tech Transfer), **Molly Markley, Bryn Rees** - Univ. of CO-Boulder Tech Transfer Office. With biology/neuroscience background, some with law degrees - careers in moving scientific discoveries to patents, connecting university science to companies to develop the science into products, etc

November 6 - **Wendy Charles, M.S.** - BA in psychology from UC-Boulder, graduate school in neuropsychology just short of PhD, several positions in running human clinical trials, working in the human version of the IACUC and compliance

November 13 - **Dr. Frank Brennan, PhD** in psychology from UC-Boulder, has had several career tracks from postdoc to military research and now as the Director of Behavioral Science with Genomind a personalized medicine company

November 20 - **Dr. Amy Hein, PhD** in psychology from UC-Boulder, has had several career tracks from postdoc to military research, to scientific policy, to working as a grant manager for the Department of Defense

December 4 - **Kendall Powell, M.S.** - trained as a cell biologist, left her PhD program to follow a career in science communication at UC-Santa Cruz. Freelance writer for over a decade including for the Los Angeles Times, Washington Post, Discover, Nature, Howard Hughes Medical Institute, Amer. Society for Microbiology, and National Institute on Drug Abuse. A contributor to *The Science Writer’s Handbook*

December 11 - last day of class. Class wrap up and FCQs

**Grading:** CLASS PARTICIPATION IS EXPECTED AND STRONGLY ENCOURAGED!! Please bring questions for the speakers - this is a unique opportunity to explore non-academic careers. Please take full advantage!! There are 14 class sessions. Assuming your active class participation, your grade is determined by course attendance: A = attending 12-14 sessions; B = attending 11 sessions; C = attending 9-10 sessions; D/F less than 9. **Be SURE to sign in so your attendance is recorded!!!**

**Looking ahead to Spring 2015:** The 2nd semester of this course will be predominantly graduate student presentations and additional seminars from research associates. There might be an additional non-academic career talk or two - - I’m still in contact with a few people, but their schedules are not yet clear.