Syllabus
CHEM 590c - Advanced Professional Development for Chemists
Spring 2020

Instructors:
Wilfred van der Donk
161 Roger Adams Laboratory
Office Phone: 244-5360
E-mail: vddonk@illinois.edu
Office hour: by appointment

Lloyd Munjanja
Assistant Director of Graduate Diversity & Program Climate
109C Noyes Lab | 600 S. Mathews Ave | Urbana, IL 61801-3602
(217) 300-4174 | url http://go.illinois.edu/chemdiversity
SCHEDULE AN APPOINTMENT | http://go.illinois.edu/appointment

Patricia Simpson
Director of Academic Advising and Career Services
Box D-4, 105 NL, 505 S Mathews
M/C 712 Urbana, IL 61801
(217) 333-1050
plblum@illinois.edu

Lecture Times:
M 12:00-1:20PM in 301 Noyes
01/27/20 – 03/16/20

Course Objectives:
To expose graduate students to various career tracks with a PhD in chemistry, to provide students with leadership skills, to provide resources for resilience and mental health, to identify strengths and career interests, to effectively work in a diverse scientific environment, and to plan ahead for after graduate studies at UIUC.

Grading:
This is a required course for third year graduate students in the Department of Chemistry. The course is graded S/U.

Course Policies and Culture:
This course is aimed to help graduate students navigate the challenges of graduate school including conflict resolution, how to deal with mental health challenges, how to work in a diverse environment and how to be successful in the chemical work force broadly defined. As such, the course expects students to treat everyone associated with the course with dignity and respect.

Special Accommodations: We are committed to assisting students requiring special accommodations for circumstances that are registered with the DRES Student Services Department. These accommodations must be discussed with Professor van der Donk prior to the end of the first week of the course.

Inclusion and Diversity: We are committed to providing a climate of excellence and inclusiveness within all aspects of the course. Any student with concerns or facing special challenges may discuss the matter with Professor van der Donk/ Dr. Lloyd Munjanja with an assurance of full anonymity.
**Academic Integrity:** The Code of Policies and Regulations Applying to All Students will be applied. This applies to the required attendance in this course.

**RECOMMENDED MATERIALS**

**Book:** *Lab Dynamics: Management Skills for Scientists*, Cohen & Cohen, 3rd edition  

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Facilitator</th>
</tr>
</thead>
</table>
| Jan 27   | Clifton Strengths workshop                                           | **Patricia Simpson**  
Director of Academic Advising and Career Services  
*University of Illinois* |
| Feb 3    | Sexual Harassment and Power Differentials in the Sciences            | **Kathryn Clancy, PhD**  
Professor of Anthropology  
*University of Illinois* |
| Feb 10   | Managing Your PI                                                    | **Wilfred van der Donk, PhD**  
Director of Graduate Studies  
*University of Illinois* |
| Feb 17   | Mental Health and Resilience in Graduate School  
*Based on the NIH training* | **Patricia Simpson**  
Director of Academic Advising and Career Services  
*University of Illinois* |
| Feb 24   | Managing Ethics in Research Part I                                   | **Cathy Murphy, PhD**  
Professor of Chemistry  
*University of Illinois* |
| March 2  | Managing Ethics in Research Part II                                  | **Cathy Murphy, PhD**  
Professor of Chemistry  
*University of Illinois* |
| March 9  | Transforming conflict into collaboration: Part I                    | **Mikhail Lyubansky, PhD**  
Professor of Psychology  
*University of Illinois* |
| March 16 | Transforming conflict into collaboration: Part II                    | **Mikhail Lyubansky, PhD**  
Professor of Psychology  
*University of Illinois* |