Course Info:
Professor: Dr. Elena Galoppini (EG), LSCI room 301D galoppin@newark.rutgers.edu
Physical Sciences Librarian: Ms. Bonnie L. Fong (BF) bonnie.fong@rutgers.edu
Time & place: Wednesday 11:30 AM - 12:50 PM LSC-130 Friday 11:30 AM - 12:50 PM LSC-130

- Course Guide: Log in to Blackboard using your NetID & password: https://blackboard.rutgers.edu/
- Office Hours by appointment

Course Description: This course will introduce the fundamentals of presenting a formal, scientific seminar. Specifically, students will learn how to:

- execute effective searches in different science databases and distinguish between types of scientific literature
- Research a topic for a scientific seminar
- Prepare power point slides and deliver a professional oral presentation of a scientific seminar
- Give a short chalk-talk on a reaction mechanism

Course Objectives: Upon completion of the course, students should be able to present a formal, scientific seminar and present in front of a class.

Rules & Courtesy: You are expected to attend ALL of the classes and attendance will be taken; for all seminars a sign-in sheet will be handed out, and an evaluation form. You will be asked to fill out an evaluation form during the seminar and hand it in just after the seminar. You are responsible for communicating with me in advance regarding any absence.

- **It is rude to the speaker to give a seminar to an empty room.** Three (3) absences will result in a grade reduction of one (1) full grade. Be there!!!!

- **It is rude to text, tweet, snapchat and whatnot on your cellphone during a seminar.** Cell phones and other electronic devices must be **turned off**.

- **It is rude to arrive late.** Be in the classroom at or before 11:30 am on the days of the seminar. If you arrive later than 10 mins after the lecture starts you will get a penalty. Three (3) late arrivals will result in a grade reduction of one (1) full grade. Be there on time !!!!

- **It is rude to leave early.** If you leave before the question/answer session ends you will get a penalty. Three (3) early departures will result in a grade reduction of one (1) full grade. Be there for the entire seminar !!!!

Grading and Coursework guidelines:

1. **Before each seminar: Seminar Preparation Summary. 25% of course grade**
   
   **Purpose:** come prepared about the speaker’s research so that you understand better the seminar.

   **What you need to do:** Review 1 original research paper by the visiting speaker (preferably a communication published in the last two years, avoid reviews), and hand in a typed summary of such paper on the Wednesday before the seminar. Please submit also the Word version by email. A summary should include the following: (i) title and citation of paper you selected; (ii) short summary of content (iii) novelty & contribution to the field. (iv) word count. The following format should be used: ~ **380 to 400 words long**, Times New Roman, **12 points font size, 1 inch margins, 1.5 line spacing**. That should be ~ 1 page. *(A form will be distributed early in the semester.)*

2. **After each seminar: Seminar Evaluation forms. 25% of course grade**
   
   **Purpose:** be able to follow a scientific seminar and comment on key aspects of the content

   **What you need to do:** you will be handed an evaluation form where you can grade the talk and also with simple with questions regarding the seminar *(The forms will be distributed before the seminar)*

3. **Student presentations in “students” days: 50% of course grade** Short: 10% and Long: 40%
   
   **Purpose:** be able to present to an audience using powerpoint and also on blackboard

   **What you need to do:** Each student will give two formal presentations

   **Short:** The first will be ~ 5 to 10 mins on the topic of named reactions. You will need to select a name reaction and present the mechanism by **chalk talk.** You will write it on the board in front of the class. *(The list of named reactions will be distributed early in the semester. Details of format will be provided)*

   **Long:** The second will be ~ 15 minutes **powerpoint** on the topic of **Chemists Members of the National Academy of Science.** *Minimum* number of sources required for: Graduate students: 6 (must include 1 review article) Undergraduate students: 4 (must include 1 review article)

   The presentations will be graded for Content 20% Bibliography 10% Delivery & Slides 10%. *(A selection of Chemists Members of the National Academy of Science will be distributed early in the semester. Details will be provided.)*

**Summary of Grading Distribution**

- Seminar preparation summary: 25%
- Seminar evaluation forms: 25%
- Short presentation: 10%
- Long presentation: 40% (Content 20% Bibliography 10% Delivery & Slides 10%)

**Academic calendar:** [https://scheduling.rutgers.edu/scheduling/academic-calendar](https://scheduling.rutgers.edu/scheduling/academic-calendar)
**SCHEDULE**

<table>
<thead>
<tr>
<th>WEDNESDAYS 11:30 - 12:50 LSC 130</th>
<th>FRIDAYS 11:30 – 12:50 LSC 130</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>September</strong></td>
<td></td>
</tr>
<tr>
<td>9/4: Introduction: Dr. Galoppini</td>
<td>9/6: Graduate student welcome</td>
</tr>
<tr>
<td></td>
<td>12 pm Olson 338 (NO CLASS)</td>
</tr>
<tr>
<td>9/11: <strong>BF</strong> Scholarly communication, information literacy, &amp; Basic data management module (Dana Library, EC1)</td>
<td>9/13: Dr. Thomas Baumgartner (York University)</td>
</tr>
<tr>
<td>9/18: <strong>BF</strong> SciFinder presentation (Dana Library, EC1)</td>
<td>9/20: Dr. Bhanu P. S. Chauhan (William Paterson University)</td>
</tr>
<tr>
<td>9/25: <strong>BF</strong> Reaxys presentation (Dana Library, EC1)</td>
<td>9/27: <strong>BF</strong> Web of Science &amp; Scopus module (Dana Library, EC1)</td>
</tr>
<tr>
<td><strong>October</strong></td>
<td></td>
</tr>
<tr>
<td>10/2: <strong>EG</strong> Oral Presentations – Best Practices (LSC130)</td>
<td>10/4: Dr. Steven Nolan (Ghent University)</td>
</tr>
<tr>
<td>10/9: <strong>Students</strong></td>
<td>10/11: Dr. Ned Seeman (NYU)</td>
</tr>
<tr>
<td>10/16: <strong>Students</strong></td>
<td>10/18: Dr. Cathleen Crudden (Queen’s University)</td>
</tr>
<tr>
<td>10/23: <strong>Students</strong></td>
<td>10/25: Dr. Frank Osterloh (UC Davis)</td>
</tr>
<tr>
<td>10/30: <strong>Students</strong></td>
<td></td>
</tr>
<tr>
<td><strong>November</strong></td>
<td></td>
</tr>
<tr>
<td>11/6: <strong>Students</strong></td>
<td>11/8: <strong>Students</strong></td>
</tr>
<tr>
<td>11/13: <strong>Students</strong></td>
<td>11/15: Dr. Christine Caputo (U New Hampshire )</td>
</tr>
<tr>
<td>11/20: <strong>Students</strong></td>
<td>11/22: Dr. Edward Valeev (VirginiaTech.)</td>
</tr>
<tr>
<td><strong>11/27:</strong> THANKSGIVING RECESS</td>
<td><strong>11/29:</strong> THANKSGIVING RECESS</td>
</tr>
<tr>
<td><strong>December</strong></td>
<td></td>
</tr>
<tr>
<td>12/4: <strong>Students</strong></td>
<td>12/6: <strong>Students</strong>.</td>
</tr>
<tr>
<td>12/11: Regular Classes End (NO CLASS this day)</td>
<td></td>
</tr>
</tbody>
</table>

***On the days marked **Students**, three to five students will each have ~ 5-10 or ~ 15-20 minute presentations, with ~ 3 minutes after allotted for questions and answers.***
ADDITIONAL INFORMATION

Academic Integrity

As an academic community dedicated to the creation, dissemination, and application of knowledge, Rutgers University is committed to fostering an intellectual and ethical environment based on the principles of academic integrity. Academic integrity is essential to the success of the University’s educational and research missions, and violations of academic integrity constitute serious offenses against the entire academic community. The entire Academic Integrity Policy can be found here: http://academicintegrity.rutgers.edu/academic-integrity-policy/

Accommodation and Support Statement

Rutgers University Newark (RU-N) is committed to the creation of an inclusive and safe learning environment for all students. RU-N has identified the following resources to further the mission of access and support:

Students with Disabilities: Rutgers University welcomes students with disabilities into all of the University’s educational programs. The Office of Disability Services (ODS) is responsible for the determination of appropriate accommodations for students who encounter barriers due to disability. In order to receive consideration for reasonable accommodations, a student with a disability must contact ODS, register, have an initial appointment, and provide documentation. Once a student has completed the ODS process (registration, initial appointment, and documentation submitted) and reasonable accommodations are determined to be necessary and appropriate, a Letter of Accommodation (LOA) will be provided to the student. The student must give the LOA to each course instructor, followed by a discussion with the instructor. This should be completed as early in the semester as possible as accommodations are not retroactive. More information can be found at ods.rutgers.edu. Contact ODS: (973) 353-5375 or ods@newark.rutgers.edu.

Religious Holiday Policy and Accommodations: Students are advised to provide timely notification to instructors about necessary absences for religious observances and are responsible for making up the work or exams according to an agreed-upon schedule. The Division of Student Affairs is available to verify absences for religious observance, as needed: (973) 353-5063 or DeannofStudents@newark.rutgers.edu.

Counseling Services: Counseling Center Room 101, Blumenthal Hall, (973) 353-5805 or http://counseling.newark.rutgers.edu/.

Students with Temporary Conditions/Injuries: Students experiencing a temporary condition or injury that is adversely affecting their ability to fully participate in their courses should submit a request for assistance at: https://temporaryconditions.rutgers.edu.

Students Who are Pregnant: The Office of Title IX and ADA Compliance is available to assist students with any concerns or potential accommodations related to pregnancy: (973) 353-1906 or TitleIX@newark.rutgers.edu.

Gender or Sex-Based Discrimination or Harassment: Students experiencing any form of gender or sex-based discrimination or harassment, including sexual assault, sexual harassment, relationship violence, or stalking, should know that help and support are available. To report an incident, contact the Office of Title IX and ADA Compliance: (973) 353-1906 or TitleIX@newark.rutgers.edu. To submit an incident report: tinyurl.com/RUNReportingForm. To speak with a staff member who is confidential and does NOT have a reporting responsibility, contact the Office for Violence Prevention and Victim Assistance: (973) 353-1918 or run.vpva@rutgers.edu.

Learning Resources

Rutgers Learning Center (tutoring services) Room 140, Bradley Hall (973) 353-5608 https://sasn.rutgers.edu/student-support/tutoring-academic-support/learning-center

Writing Center (tutoring and writing workshops) Room 126, Conklin Hall (973) 353-5847 nwc@rutgers.edu

https://sasn.rutgers.edu/student-support/tutoring-academic-support/writing-center