

Chemistry Writing
Chemistry 350
Spring 2022

Instructor: Prof. John Sheridan (jsheridn@newark.rutgers.edu)

Meeting times and classroom: Prior to Feb. 1st, remote instruction via Webex.
After Feb. 1st LSC 2, Room 130. Wednesday and Friday 11-30 am – 12-50 pm.

Office Hours: By appointment

Course Description: This writing intensive course will introduce the fundamentals of scientific writing both for articles and research purposes and for communication to the general public. Students will:

- Develop their basic writing skills (correct grammar etc)
- Learn how to search the primary literature and read published scientific literature
- Differentiate between original research reports and review articles
- Learn the organizational framework of original research reports and research seminars
- become proficient in the writing style of review articles for both the science community and the public

Course Objectives:

Upon completion of the course, students should be able to show proficiency in writing a mini-review article on a science topic for both fellow scientists and the general public.

Course Evaluation:

Your grade for the course will be determined as follows:

Attendance: 20%

Graded Assignments: 50% (Topics will be assigned in the first two weeks of classes, due dates for each will be added to the syllabus)

Final Writing Project: 30%

Course Format and Attendance: Students are required to attend all scheduled lectures and departmental seminars, including those held virtually. Links for the upcoming weeks' lectures and/or seminars will be posted in Canvas at the beginning of each week.

- Scheduled lectures
During her scheduled lectures, Bonnie Fong, the Physical Sciences Librarian, will provide virtual hands-on training on the use of several chemistry-relevant search engines, and will also teach proper scientific citation.
- Departmental seminars
To gauge attendance at, and attention to, departmental seminars, at the conclusion of presentations (i.e., the last five minutes), each student must message Prof. Sheridan within Canvas, with a question pertaining to the research presented that they would like the speaker to answer.

Graded Assignments: Students will prepare one-page written assignments (# to be determined) during the semester. The topics will be assigned during the first two weeks of classes and be about a specific research area/scientist.

Final Writing Project: Students will prepare a short mini-review of their earlier assignments for the science community and another less technical version suitable for a newspaper, blog or magazine.

Required Reading: assignments will be provided as needed.

Course Schedule

<u>Week</u>	<u>Date</u>	<u>Topic</u>
1	Wed. Jan. 19	<u>Initial Writing Assessment</u>
1	Fri. Jan. 21	Individual feedback to students on the initial writing submission
2	Wed. Jan. 26	Via Webex: To be determined
2	Fri. Jan. 28	Via Webex: To be determined
3	Wed. Feb. 2	<i>First in person meeting.</i> LSC2 Room 130
3	Fri. Feb. 4	To be determined
4	Wed. Feb. 9	Library research instruction (Bonnie Fong, Physical Sciences Librarian)
4	Fri. Feb. 11	Seminar
5	Wed. Feb. 16	Discussion of mini-review
5	Fri. Feb. 18	Seminar
6	Wed. Feb. 23	Library research instruction (Bonnie Fong, Physical Sciences Librarian)
6	Fri. Feb. 25	Seminar
7	Wed. Mar. 2	Library research instruction (Bonnie Fong, Physical Sciences Librarian)
7	Fri. Mar. 4	Seminar
8	Wed. Mar. 9	Library research instruction (Bonnie Fong, Physical Sciences Librarian)
8	Fri. Mar. 11	Seminar
9	Wed. Mar. 16	<i>no meeting (spring recess)</i>
9	Fri. Mar. 18	<i>no meeting (spring recess)</i>
10	Wed. Mar. 23	Individual student meetings
10	Fri. Mar. 25	Seminar
11	Wed. Mar. 30	Individual student meetings
11	Fri. Apr. 1	Seminar
12	Wed. Apr. 6	Individual student meetings
12	Fri. Apr. 8	Seminar
13	Wed. Apr. 13	Individual student meetings
13	Fri. Apr. 14	TBD
14	Wed. Apr. 20	TBD
14	Fri. Apr. 22	Seminar
15	Wed. Apr. 28	<i>no meeting</i>
15	Fri. Apr. 29	TBD
	Fri. May 6	Mini-Review Due

Other academic deadlines:

1/25/21 Last day to drop a course without a "W"

1/26/21 Last day to add a course

3/21/21 Last day to drop a course with a "W"

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 and the University as a whole. RU-N has identified the following resources to further the mission of access and support:

For Individuals with Disabilities: The Office of Disability Services (ODS) is responsible for the determination of appropriate accommodations for students who encounter barriers due to disability. Once a student has completed the ODS process (registration, initial appointment, and submitted documentation) and reasonable accommodations are determined to be necessary and appropriate, a Letter of Accommodation (LOA) will be provided. The LOA must be given to each course instructor by the student and followed up with a discussion. This should be done as early in the semester as possible as accommodations are not retroactive. More information can be found at ods.rutgers.edu. Contact ODS at (973)353-5375 or via email at ods@newark.rutgers.edu.

For Individuals who are Pregnant: The Office of Title IX and ADA Compliance is available to assist with any concerns or potential accommodations related to pregnancy. Students may contact the Office of Title IX and ADA Compliance at (973) 353-1906 or via email at TitleIX@newark.rutgers.edu.

For Absence Verification: The Office of the Dean of Students can provide assistance for absences related to religious observance, emergency or unavoidable conflict (e.g., illness, personal or family emergency, etc.). Students should refer to [University Policy 10.2.7](#) for information about expectations and responsibilities. The Office of the Dean of Students can be contacted by calling (973) 353-5063 or emailing deanofstudents@newark.rutgers.edu.

For Individuals with temporary conditions/injuries: The Office of the Dean of Students can assist students who are experiencing a temporary condition or injury (e.g., broken or sprained limbs, concussions, or recovery from surgery). Students experiencing a temporary condition or injury should submit a request using the following link: <https://temporaryconditions.rutgers.edu>.

For English as a Second Language (ESL): The Program in American Language Studies (PALS) can support students experiencing difficulty in courses due to English as a Second Language (ESL) and can be reached by emailing PALS@newark.rutgers.edu to discuss potential supports.

For Gender or Sex-Based Discrimination or Harassment: The Office of Title IX and ADA Compliance can assist students who are experiencing any form of gender or sex-based discrimination or harassment, including sexual assault, sexual harassment, relationship violence, or stalking. Students can report an incident to the Office of Title IX and ADA Compliance by calling (973) 353-1906 or emailing TitleIX@newark.rutgers.edu. Incidents may also be reported by using the following link: tinyurl.com/RUNReportingForm. For more information, students should refer to the University's Student Policy Prohibiting Sexual Harassment, Sexual Violence, Relationship Violence, Stalking and Related Misconduct located at <http://compliance.rutgers.edu/title-ix/about-title-ix/title-ix-policies/>.

For support related to interpersonal violence: The Office for Violence Prevention and Victim Assistance can provide any student with confidential support. The office is a **confidential resource** and does *not* have an obligation to report information to the University's Title IX Coordinator. Students can contact the office by calling (973) 353-1918 or emailing run.vpva@rutgers.edu. There is also a confidential text-based line available to students; students can text (973) 339-0734 for support.

For Crisis and Concerns: The Campus Awareness Response and Education (CARE) Team works with students in crisis to develop a support plan to address personal situations that might impact their academic performance. Students, faculty and staff may contact the CARE Team by using the following link: tinyurl.com/RUNCARE or emailing careteam@rutgers.edu.

For Stress, Worry, or Concerns about Well-being: The Counseling Center has confidential therapists available to support students. Students should reach out to the Counseling Center to schedule an appointment: counseling@newark.rutgers.edu or (973) 353-5805. If you are not quite ready to make an appointment with a therapist but are interested in self-help, check out *TAO at Rutgers-Newark* for an easy, web-based approach to self-care and support: <https://tinyurl.com/RUN-TAO>.

For emergencies, call 911 or contact Rutgers University Police Department (RUPD) by calling (973) 353-5111.