

Biomedical Science Seminar (BMED: 7777)

Fall 2021 (1 SH), Spring 2022 (1 SH)

Course Schedule: Wednesdays 2:30 – 3:20 PM

Room location: 2189 MERF (most dates); ML B111 (11/17/21)

Course Description:

Biomedical Science Seminar is a weekly 1-hour seminar course that serves multiple purposes. Participants will receive professional development training on scientific writing and oral presentations and develop individualized development plans ([IDPs](#)). Students will have the opportunity to hear research presentations from faculty from across the Carver College of Medicine and scientists who pursued career paths in industry and other types of pathways in higher education. To develop skills in science communication, students will present two oral presentations of their laboratory research, one during the fall and the other during the spring semester. Each presentation will include a maximum of 10 minutes followed by 2 minutes of questions and answers session.

Instructional Team

Course Director

[Sanjana Dayal, Ph.D.](#)

Associate Professor, Department of Internal Medicine

Office Location: 3186/3160 ML

Office Phone: 319-335-7712

Email: sanjana-dayal@uiowa.edu



Guest Presenters (links to professional websites)

[Garry Buettner, Ph.D.](#)

[Sam Young, Ph.D.](#)

[Adam Dupuy, Ph.D.](#)

[Adam Clore, Ph.D.](#)

[Jennifer Teitle, Ph.D.](#)

[Lisa Kelly, Ph.D., M.F.A.](#)

[Vivian \(Ta\) Sheridan, M.Ed.](#)

[Darren Hoffmann, Ph.D.](#)

[Doug Spitz, Ph.D.](#)

[Matt Potthoff, Ph.D.](#)

[Jon Resch, Ph.D.](#)

[Rob Piper, Ph.D.](#)

[Kristina Thiel, Ph.D.](#)

[Charvann Bailey, Ph.D.](#)

[Martine Dunnwald, Ph.D., PharmD](#)

Course Resources

ICON

This course will be managed minimally through ICON. Course materials will be stored in ICON and grades will be assigned in the grades page of ICON. ICON is also our primary communication hub, with all class-wide communication coming from the ICON announcements function.

During the first week of class, please do the following to ensure you are plugged into ICON's features:

- 1) Go to the ICON site and navigate to the Grades, Modules, Assignments and Announcements Pages
- 2) Go to your ICON account settings, Select "Notifications" and ensure that you have notifications activated for Announcements, Due Date, and Grading, to ensure you get all critical information delivered to your email immediately.
- 3) Complete the Pre-Course ICON Quiz to make sure you know the key policies for the course and you are familiar with ICON Quizzing tools.

Textbooks

There is no required textbook for this course.

Course Schedule

Fall Semester

Date	Event	Presenter
W Aug 25	Course Introduction	Sanjana Dayal
W Sep 1	Professional Development – Manuscript Writing	Garry Buettner
W Sep 8	Professional Development – Manuscript Writing	Garry Buettner
W Sep 15	Faculty Research Presentation (CDB)	Sam Young
W Sep 22	Faculty Research Presentation (CBIO)	Adam Dupuy
W Sep 29	Guest Speaker (Integrated DNA Technologies)	Adam Clore
W Oct 6	Professional Development – IDP part 1	Teitle, Kelly, Sheridan
W Oct 13	Professional Development – IDP part 2	Teitle, Kelly, Sheridan
W Oct 20	Professional Development – IDP part 3	Teitle, Kelly, Sheridan
W Oct 27	Rotation Talks	4 student presenters
W Nov 3	Rotation Talks	4 student presenters
W Nov 10	Rotation Talks	4 student presenters
W Nov 17	Rotation Talks (note classroom change B111 ML)	5 student presenters
W Nov 24	University Holiday	
W Dec 1	Rotation Talks	5 student presenters
W Dec 8	Rotation Talks	4 student presenters

Spring Semester

Date	Event	Presenter
W Jan 19	Professional Development – Oral Presentations	Darren Hoffmann
W Jan 26	Professional Development – Oral Presentations	Darren Hoffmann
W Feb 2	Faculty Research Presentation (FRRB)	Doug Spitz
W Feb 9	Faculty Research Presentation (MMED)	Matt Potthoff
W Feb 16	Faculty Research Presentation (PCOL)	Jon Resch
W Feb 23	Faculty Research Presentation (MPB)	Rob Piper
W Mar 2	Guest Speaker (UIHC and Immortagen)	Kristina Thiel
W Mar 9	Guest Speaker (Grinnell College)	Charvann Bailey
W Mar 16	<i>University Holiday</i>	
W Mar 23	Guest Speaker (UIOWA)	Martine Dunnwald
W Mar 30	Rotation Talks	4 student presenters
W Apr 6	Rotation Talks	5 student presenters
W Apr 13	Rotation Talks	5 student presenters
W Apr 20	Rotation Talks	5 student presenters
W Apr 27	Rotation Talks	4 student presenters
W May 4	Rotation Talks	4 student presenters

Assessment and Grading

Assessments

There are no traditional assessments in this course. Students will be expected to present their research once in each semester. Completion of the presentations is required for achieving a Satisfactory (S) grade in the course.

Grading

The course is graded on a S/U (satisfactory/unsatisfactory) grading scale.

To achieve an “S” letter grade, students must attend ALL class sessions. If you are unable to attend a class session because of an excused absence (conference travel, medical emergency, religious observances), you will be provided a short make-up assignment. One unexcused absence will be allowed in each semester, and completion of the make-up assignment is required in that circumstance. Unexcused absences are absences due to factors of lower priority (e.g., weddings or family get-togethers, personal vacations, etc.). If a student misses more than one session due to unexcused absence, a grade of “U” will be assigned.

Participation in discussion is expected. If a student is not participating in discussion by asking questions, contributing ideas or otherwise engaging with the presentation, the course director will reach out to the student to directly encourage their participation. If the student does not respond by participating in class discussions, the student will receive a “U” grade.

Attendance Expectations

All class sessions are required to attend. Attendance in this course is important because the class depends on your participation to have an engaging conversation.

Excused absences are allowed for extenuating circumstances of high priority (e.g., medical or family emergency, religious observances, conference travel). If you need to be absent for this type of reason, please contact the course director as soon as possible so we can make alternative arrangements for you.

Unexcused absences are absences for circumstances of lower priority (e.g., family get-togethers, personal vacations, simply forgetting to come, etc.). A student may have ONE unexcused absence and still receive a “S” grade in the course. More than one unexcused absence results in an automatic grade of “U” for the course.

Communication Expectations

If you have questions about the course or any of the topics that we explore, please feel free to reach out to the course director (Sanjana Dayal) or any of the presenters in the course. We will not hold scheduled office hours, so if you would like to have a conversation, please reach out to schedule an appointment based on our mutual availability.

All class-wide communication will be sent out through the ICON Announcements feature. Please make sure that you have activated your ICON profile to receive notifications and emails for Announcements. Individual email communications should be using your uiowa email addresses to ensure security and that your emails don't get lost due to spam filters.

As a baseline, you should address any of your instructors who hold doctoral degrees as “Dr. Dayal, Dr. Young, Dr. Clore,” etc. If they would like for you to call them by a different name, they will let you know that at the beginning of their presentation.

Policies and Procedures ..

Reporting of Student Mistreatment

If you are mistreated or you witness an incident of mistreatment of a student by a course instructor, please understand that reporting is expected and encouraged. If the student feels comfortable to do so, they can raise their concern directly with the instructor. They can also share their concern with the course director (sanjana-dayal@uiowa.edu). If these are not suitable options or a resolution is not reached through this communication, the student can contact the Biomedical Science Program Director (prabhat-goswami@uiowa.edu). Finally, the Associate Dean for Graduate and Postdoctoral Studies (daniel-tranel@uiowa.edu) should be contacted if all other attempts at resolution have failed. In order for us to take action, complaints must be made within six months of the incident. Students also may take advantage of the services of the Office of the University Ombudsperson. If a complaint cannot be resolved at the departmental and/or collegiate level, students may file a formal complaint utilizing the procedure specified in II-29.7 of the UI Operations Manual (<http://www.uiowa.edu/~our/opmanual/>).

Diversity, Equity and Inclusion in Our Course

We consider it especially important that students of all diverse backgrounds are welcomed and supported in this course. Diversity of experience is a significant benefit in the group learning environment that is built into this course's design. It is our goal to have a classroom that is respectful of all forms of diversity: gender, sexual orientation, disability, age, socioeconomic status, ethnicity, race, culture, perspective, and other background characteristics. If you have ideas for how we could better encourage and support diversity in our course, please contact us. In addition, in scheduling the course, we have attempted to avoid any conflicts with major religious holidays. If we have inadvertently scheduled an event which creates conflict with your religious observances, please let us know as soon as possible so other arrangements can be made.

Accommodations for Disabilities

If you have a disability that requires accommodation to participate in classroom discussions, or present your research, please let us know as soon as possible. We will work with you and Student Disability Services to arrange accommodations that will allow you to learn and demonstrate your learning. We consider disability to include mobility and physical impairments, learning disabilities, psychological conditions, vision or hearing loss, and other invisible disabilities that may impact your ability to participate in this course. Please do not feel that you need to hide or simply endure a disability.

Academic Integrity/Plagiarism

As graduate students, you are expected to maintain the highest standard of professionalism in your study. If we determine that cheating or plagiarism has occurred, the student will receive a zero on that assignment. Any evidence of cheating will be reported to the Office of Graduate and Professional Studies and Graduate College administration and may result in dismissal from the course and/or graduate program. Examples of cheating in this course may include presenting another's research work in your research presentation.

Understanding Sexual Harassment

Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Operations Manual Part II, Chapter 4, and Part IV, Chapter 2 (<http://www.uiowa.edu/~our/opmanual/>).

Severe Weather Course Impacts

If severe weather makes it difficult or impossible to travel to campus, the course director will let the class know via ICON announcements if we are canceling class that day. Please check for any University-wide weather cancellations on the Uiova.edu homepage. If there is a severe weather event while we are in class, we will seek shelter in the innermost part of the building at the lowest level possible. Class will resume when the event is over. (UI Operations Manual Part II, Chapter 22 <http://www.uiowa.edu/~our/opmanual/>)