Course Schedule Information

Course Code／時間割コード: 3B1309
Semester／開講学期: Spring Term
Day and Period／曜日・時間: Thu4,Thu5
Course Name (Japanese)／開講科目名: 特別講義（Effectively Communicating Your Science & Research）
Room／教室: Special Lecture: Effectively Communicating Your Science & Research
Course Name／開講科目名(英): 40
Course Numbering Code／ナンパリング: 36CDE5SU200
Credits／単位数: 2.0
Student Year／年次: 1,2,3,4,5,6
Instructor／担当教員: BARRETT BRENDAN FRANCIS DOMINIC,Mitsuru KUDO

Basic Syllabus Information

Eligibility／履修対象: Graduate school students, undergraduate students
Schedule／開講時期: Spring Term
Room／講義室: This course will be delivered via Zoom video conferencing.

List of Instructor(s)

Detailed Syllabus Information

Course Name／講義題目: Special Lecture: Effectively Communicating Your Science & Research
Language of the Course／開講言語: English
Type of Class／授業形態: Lecture Subject
Course Objective／授業の目的と概要: This course is designed for students who are concerned about how best to effectively communicate their scientific knowledge and research outputs to their target audience. The course provides valuable insights and develops competencies around representation, issue framing and the expression of scientific concerns. Applying knowledge developed through this course, students will experiment with the design of media communication strategies.
Learning Goals／学習目標: At the end of this course students will be able to:

- Speak in an engaging way about their science and why it matters, in terms non-scientists can understand (communication and expression).
- Describe and apply strategies for effective media engagement in the communication of their research (communication and literacy).
- Constructively and critically analyze popular...
science communication in a variety of real-world settings (collaboration).

None

Session 1: Course Introduction: Why be a Science Communicator?
Session 2: Thing from the Future Game
Session 3: Understanding Issue Representation and Framing
Session 4: Resonate with Your Audience
Session 5 & 6: Peer collaboration (group work), Review and Feedback
Session 7: Pecha-Kucha Presentations
Session 8: More than Research Game
Session 9: Scientists Need Artists
Session 10: Development of a Media Campaign
Session 11: How to Develop a Media Strategy
Session 12, 13 & 14: Students work on Media Strategy (group work)
Session 15: Seeing is believing – Harnessing the power of Audio-visual messaging.
Session 16: Students present Media Strategy. Wrap-up/Feedback

Students will develop pecha-kucha style presentations. The final assignment will involve the development and presentation of a media strategy on a scientific issue/topic.


Lakoff, G. 2004, Framing 101: How to Take Back Public Discourse, excerpt from Don’t think of an Elephant: Know your values and frame the debate, published by Chelsea Green, Vermont, USA.

Participation and Engagement in Class: 20%
Pecha-Kucha Presentation: 30%
Media Strategy and Group Presentation: 50%

Assignments will involve reading, listening to or reviewing relevant sources before class, strategy development and presenting.

If special consideration regarding the taking of this course is necessary due to reasons such as a disability, please consult in advance with the academic affairs related contact point for the department belonged to (such as the school affairs section or graduate school affairs section) or else with Trans-disciplinary Education Division of Purser Department in the Center for Education in Liberal Arts and Sciences. In addition, please inform the teacher responsible for the class at an early stage, such as at the first class.
Keywords／キーワード
Research communication, creative presentation, communication design

Messages to Prospective Students／受講生へのメッセージ
This course forms part of the Virtual Student Exchange activities of Osaka University. This means that students from the United Nations University (based in Tokyo) and from universities in two major networks (APRU and AEARU) will participate in the course. This is a great opportunity for Osaka University students to interact with a group from around the world.

Instructor(s)

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<thead>
<tr>
<th>Instructor Name/教員氏名</th>
<th>Name (hiragana)/ひらがな</th>
<th>Affiliation, Title, Course/所属・職名・講座名</th>
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Cautions for Students