科目ナンバリング	G-LAS00 80007 LE20						
授業科目名<英訳>	Research Ethics and Integrity (Science and Technology) Research Ethics and Integrity (Science and Technology)			担当者所属職名・氏名	化学研究所　講師　MURDEY, Richard James		
群	大学院共通科目群			分野(分類)	社会適合	使用言語	英語
旧群		単位数	0.5単位	時間数	7.5時間	授業形態	講義（メディア授業科目）
開講年度・開講期	2026・前期集中	曜時限	集中 5/9、16、23　9:00～12:00	配当学年	大学院生	対象学生	理系向

[授業の概要・目的]

This course guides graduate students on how to act responsibly when performing, presenting, and publishing scientific research. Topics include data sharing, authorship, intellectual property, conflicts of interest, scientific misconduct, and the proper use of research funds. Representative case studies covering issues in ethics and research integrity are presented and discussed. The lectures are complemented by additional group work and in-class discussion.

[到達目標]

Over three lectures, graduate students will learn how to make responsible decisions as a researcher working in the field of physical science. An e-learning course on research ethics and research integrity will check your understanding.

[授業計画と内容]

Lecture 1 (3h)

1. Data Handling and Management
2. Collaboration and Authorship
3. Publications and Peer Review

Lecture 2 (3h)

1. Scientific Misconduct
2. Intellectual Property
3. Conflicts of Interest

Lecture 3 (1.5h)

1. Industrial Collaboration
2. The Scientist in Society

[履修要件]

特になし

[成績評価の方法・観点]

Evaluation is based on attendance and participation. At the end of the course, students must complete the Japan Society for the Promotion of Science e-learning course, " e-Learning Course on Research Ethics ".

* Students have to take the e-Learning course offered by JSPS (Japan Society for Promotion of Science).

Research Ethics and Integrity (Science and Technology) (2)へ続く↓↓↓

Research Ethics and Integrity (Science and Technology) (2)

Association for the Promotion of Research Integrity (APRIN) e-learning courses are NOT available.

[教科書]

使用しない

[参考書等]

（参考書）

Shamoo, Adil E., and David B. Resnik 『Responsible conduct of research』（Oxford University Press）ISBN:978-0195368246

『科学の健全な発展のために― 誠実な科学者の心得―』（日本学術振興会）ISBN:978-4621089149

（学術振興会のHP（https://www.jsps.go.jp/j-kousei/data/rinri.pdf**）より、テキスト版をダウンロード）**

池内 了 訳 『科学者をめざす君たちへ―研究者の責任ある行動とは』（化学同人）ISBN:978-4759814286

（関連ＵＲＬ）

https://www.jsps.go.jp/english/e-kousei/index.html(JSPS Research Integrity)
https://ori.hhs.gov/(The Office of Research Integrity)

[授業外学修（予習・復習）等]

Participation in the "e-Learning Course on Research Ethics" from the Japan Society for the Promotion of Science (JSPS)

[その他（オフィスアワー等）]

【This course is held online**（メディア授業科目）】**

[主要授業科目（学部・学科名）]