

Class name: Research Article Journal Club & Science topics Thur.

([face-to-face or online*](#) /18:30-20:00)

Instructor: Dr. Rick Weisburd

Journal clubs (輪講) are groups that gather regularly to critically discuss academic papers that all members have read. Journal clubs are one of the most common practices of highly successful research laboratories and among the most effective activities to **improve critical thinking, discussion, and research writing skills**; in addition to **having fun**, these are the goals of this class. This workshop will require participants to read a short, English research paper or science news article before each weekly session to prepare for in-class discussion of both the research content and the writing. The papers will be distributed the previous week along with a list of the key terms, preferably translated into Nihongo. In class, we will analyze and discuss the papers for focus, context, linkage, specificity, logic, clarity, coherence, and cogency.

The instructor will provide a research paper and lead the discussion for the first session on 19 May, but for subsequent sessions, participants will be expected to take turns selecting the science topic, nominating a reading, and leading the discussion with help from the instructor. To stimulate discussion, reports of interdisciplinary studies of short to moderate length and of interest to a broad scientific audience will be preferred; research that is topical, elegant, fascinating, provocative or all four is particularly appropriate. Questions, comments, or critical discussion of the research papers will be expected from every participant in every session they attend; the sessions with lively discussion are the most fun. In addition, the instructor will explain aspects of research writing techniques, many from the perspective of reader expectations; participants are welcome to request explanations of specific writing topics.

A TOEIC score 720 or higher (or equivalent) is recommended.

参考) Wikipedia 「輪講」 : <https://ja.wikipedia.org/wiki/%E8%BC%AA%E8%AC%9B>
Wikipedia [Journal Club]: https://en.wikipedia.org/wiki/Journal_club

Instructor: Rick Weisburd <http://orcid.org/0000-0003-4266-6612>
American (permanent resident of Japan) PhD: Oceanography. University of Hawaii
BSc cum laude: Biological Sciences (minor in chemistry). State University of New York at Albany.
ELSS, Inc. (株式会社 ELSS), Founder, President, and Editor-in-Chief.
<http://www.elss.co.jp/> April 2006 to present.
Associate Professor of Biology at the College of Biological Sciences, University of Tsukuba.
April 1997 to March 2006.

Career Objectives: Facilitate the publication of research through excellence in both teaching about research communication and provision of scientific editing and translation services.

Encourage, facilitate, and implement transition to sustainable human activities through individual, corporate, educational, governmental, and intergovernmental action.

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2022

May

Sun	Mon	Tue	Wed	Thur	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

2

June

Sun	Mon	Tue	Wed	Thur	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

5

July

Sun	Mon	Tue	Wed	Thur	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

3

Total 10

face-to-face or online*:

このクラスは対面またはオンライン授業のどちらか一方で実施を予定しています。応募状況と新型コロナウイルスの感染状況等を考慮し、1次募集終了後に実施方法を決定します。

****受講者の声****

・自分の研究内容と異なるところもありレッスンは難しかったです。このレッスンを受講しなかったら知りえなかった内容を知ることができて非常に面白かったです。また同時に自分の英語力のなさも実感し、ふがない想いをしましたが、非常に良い経験になりました。今後自分で論文を書くときに、気を付けなくてはならないポイントについて学ぶことができ、今後に生かせると思います。

(2021年度オンライン授業、 Research Article Journal Club & Science topics 木クラス(秋)受講 Y.S さん (一部抜粋))

・私は事務系の職員ですが、業務上、多くの科学論文に目を通す必要が生じたため本講座に参加しました。しかし、Rick 先生は私のような自然科学の門外漢であっても分かりやすく個々の課題論文の問題点や改善点を丁寧にご解説頂き、おかげ様で英語の論文の読み方、着目点などが理解できたと感じています。他の参加者の方々の英語スキルのレベルが非常に高く、会話の専門性やスピードについていくのが大変でしたが、自分が改善すべき点に気づきを得られたのも、大きな収穫です。

(2021年度オンライン授業、 Research Article Journal Club & Science topics 木クラス(秋)受講 H.M さん (一部抜粋))