

Class name: Science Article Journal Club Thur.

(Face-to-face /18:30-20:00) Instructor: Dr. Rick Weisburd

Journal clubs (輪講), groups that gather regularly to critically discuss academic papers that all members have read, are one of the most common activities of highly successful research laboratories. Journal clubs are among the most effective activities to **improve critical thinking, discussion, and research writing skills**, which (in addition to **having fun**) are the goals of this class. This journal club 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 in 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 1 June 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 audience will be preferred; research that is topical, elegant, fascinating, provocative, poorly written, or some combination of these is particularly appropriate for our discussions because these qualities stimulate discussion. Questions, comments, or critical discussion of the 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 demonstrate aspects of research writing techniques, many from the perspective of reader expectations; participants are invited to request explanations of specific writing topics. A TOEIC score 720 or higher (or equivalent) is recommended.

The seven sessions will be held from 18:30 to 20:00 on Thursdays from 1 June through 20 July 2023 (but no class on 22 June):

June 1, 8, 15, and 29; July 6, 13, and 20

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](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 excellent scientific editing and translation services.

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

Class name: Research Article Journal Club & Science Topics Thur.  
 (Face-to-face /18:30-20:00) Instructor: Dr. Rick Weisburd

2023

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	


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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	31					

3

Total 7

 対面授業

※カレンダー内「\*」は、教室の都合により授業はありません。

**\*\*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が、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、ふがない思いをしましたが、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))