

Class name: Research Article Journal Club & Science topics Thur. (Life, Earth, Environmental science)

(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 research paper 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. We will consider writing techniques that improve or degrade these qualities.

We will also discuss reading strategies to increase reading speed, efficiency, and comprehension. The instructor will provide the research paper and lead the discussion for the first session on 20 May, but for subsequent sessions, participants will be expected to take turns nominating the research papers and leading the discussion. 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, and critical discussion of the research papers will be expected from every participant in every session they attend. In addition, aspects of research communication techniques will be explained by the instructor in the final portion of each session; participants are welcome to request specific topics for these explanations. A TOEIC score 740 or higher (or equivalent) is recommended.

The ten sessions will be held from 18:30 to 20:00 on Thursdays from 20 May through 29 July 2021: May 20 & 27; June 3, 10, 17, & 24; and July 1, 8, 15 & 29.

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 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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2021 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			

4

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

4

Total10

**\*\*受講者の声\*\***

- ・普通の英語クラスでは勉強できないことが勉強できて、皆さんのレベルも高く、ついていこうとがんばれて楽しかったです。先生もクラスを楽しく良いものにしようと色々な情報をくださり、とても為になりました！（2020年度 Research Article Journal Club & Science topics 木クラス(秋・オンライン授業)受講 E.T.さん）
- ・論文を書く時、英語の表現についていい勉強になりました。文例で紹介してくれてとても分かりやすかったです。プレゼンやディスカッションのやり方はもっと学術的に教えていただきたいかったです。（2020年度 Research Article Journal Club & Science topics 木クラス(秋・オンライン授業)受講 Y.C.さん）
- ・ウェブ開催という状況でも、講師のクラス運営力は素晴らしく、発言者に対して適切にコメントをしていた。また、その日の論文の理解を進めるだけでなく、論文を書く際の一般的な注意事項についても教えてくださり、講師の経験と深い理解を感じた。（2020年度 Research Article Journal Club & Science topics 木クラス(秋・オンライン授業)受講 A.T.さん/一部抜粋）