

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

Instructor: Dr. Rick Weisburd

Advanced level Journal Club (輪講) to be held at Kenkyu Koryu Center from 18:15 to 20:15 on nine Thursdays from 21 May through 30 July

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. 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 strong and weak scientific reasoning and for particularly effective and ineffective writing techniques. 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 21 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, fascinating, provocative or all three 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 presented by the instructor in the final portion of each session. Other science- or writing-related issues can be nominated for discussion by participants. A TOEIC score 740 or higher (or equivalent) is recommended.

The 9 sessions will be held from 18:15 to 20:15 on Thursdays from 21 May to 30 July 2020: May 21 & 28; June 11, 18 & 25; and July 2, 9, 16 & 30.

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E L S S), 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.

****受講者の声****

・毎クラス常に活発な討論となり、自身の考えを英語で表現することだけでなく、他の受講者の皆さんの英語表現を聞いて学ぶことができ、とても勉強になりました。また、討論以外にも英語論文を書く際に気を付けるべきポイントを教えていただいたため、今後論文を書く際に役立つことを学ぶことができました。受講をして良かったです。（2019年度 Reading Research Articles: Journal Club 輪講クラス受講 R.S さん）

・多くの研究所が集まるつくばの利点を活かして、様々な研究所からの参加者と、最先端の科学トピックについて英語で議論するクラスです。議論を通じて、科学的思考に基づき的確に自身の考えを英語で表現する経験を積むことができました。

講師は英文校閲のプロフェッショナルでもあるため、その豊富な経験に基づき、論文執筆の際に日本人が迷いがちな点に関するレクチャーもありました。

（2019年度 Reading Research Articles: Journal Club 輪講クラス受講 M.U さん）

・日本語では「輪講」と銘打たれていますが、通常日本の大学のゼミなどで行われているそれとは少し違います。各回に手を挙げた参加者が自分で選んできた何かネタになる研究論文をごく簡単に紹介し、そこからは全員で自由に議論するという形式でした。

単なる英会話レッスンの延長のようなものではなく、題材にした論文をネタに「何をどのように書いたら読み手に意図をうまく伝えられるか」という、ほとんどすべての研究者にとって必要と思われるスキルを学ぶ絶好の機会になります。

受講して得られた一番大きなものは、たまたま一緒に受講することになった方々といろいろお話しできた経験です。（2019年度 Reading Research Articles: Journal Club 輪講クラス受講 A.H さん）

Class of 2020 : Research Article Journal Club & Science topics 木 18:15-20:15

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2020 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				

3

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

Total: 9