Course title: Methods of Health Science Research

Affiliated department, Job title, Name:
Graduate School of Medicine Professor, NAKAYAMA TAKEO
Graduate School of Medicine Professor, KOIZUMI AKIO
Part-time Lecturer, MIYAZAKI KIKUKO
Statcom Co. Ltd UETANI KAE

Target year: Professional degree students
Number of credits: 1
Course offered year/period: 2017/Intensive, First semester

Day/period: Intensive
Class style: Lecture
Language: Japanese and English

[Outline and Purpose of the Course]
- Basic knowledge about how to communicate concisely and accurately.
- The ins and outs of ethics in research and publishing.
- How to create clear, scientific and logical texts, figures and tables, slides and posters for the effective publication of research results.

[Course Goals]
- Obtain a thorough understanding of the significance of health sciences research.
- Obtain an understanding of and observe for the ethics in research and publishing.
- Obtain an understanding of the basic methods of preparing presentations, papers, and grant proposals.
- Obtain an understanding of the differences between academic and general writing methods.

[Course Schedule and Contents]
1. May 26  4th  History and significance of health science research
2. June 2  3th  Ethics in research and publishing I  (introduction)
3. June 9  3rd  History of medical research in Kyoto University
4. June 9  4th  Paragraph writing
5. June 16 3rd  Ethics in research and publishing  II  (ICMJE)
6. June 16 4th  How to write effectively and efficiently, how to write a journal article and abstract
7. June 23 3rd  Display data in tables and graphs
8. June 23 4th  How to write a grant proposal

[Class requirement]
This course is open to graduate students with the school of human health science. Students who want to join are expected to actively participate in class discussions.

[Method, Point of view, and Attainment levels of Evaluation]
Participation in class and discussion  60%, Report 40%

Continue to ヘルスサイエンス研究の進め方 (2) →
## Textbook
Reading materials will be distributed as needed

### Reference books, etc.

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<th>Reference books</th>
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<tr>
<td>Lang TA <a href="http://www.thecollegeofphysicians.org">How to Write, Publish, &amp; Present in the Health Sciences: A Guide for Clinicians &amp; Laboratory Researchers</a> (The American College of Physicians)</td>
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<tr>
<td>Lang TA, Secic M <a href="http://www.thecollegeofphysicians.org">How to Report Statistics in Medicine: Annotated Guidelines for Authors, Editors, and Reviewers</a> (The American College of Physicians)</td>
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<tr>
<td>Nakayama T, Tsutani K [臨床研究と疫学研究のための国際ルール集.東京] (ライフサイエンス出版)</td>
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## Regarding studies out of class (preparation and review)
One hour for each lesson.
For the first lesson preparation, read the ICMJE Recommendation on this website [http://www.icmje.org/recommendations/].

## Others (office hour, etc.)
Please check the lecture schedule.
Students are advised to develop and express their own ideas and opinions during classes.

*Please visit KULASIS to find out about office hours.*