KAIST Intensive Science Writing Workshop

▶ 수강대상: KAIST 대학(원)생

▶ 수강신청
- 기 간: 2013. 12. 16 – 23 (1, 2차 공통)
- 방 법: 어학센터 홈페이지, http://lang.kaist.ac.kr

▶ 수강료: 234,600원 (우리은행, 270 003359 13 046, 한국과학기술원)

▶ 강의진행 방법
- 강의시간: 오후 2시 – 4시
- 1:1 컨설팅: 오후 4시 – 5시 (1인 20분/회)
- 강의 일정
  1차: 1월 / 6일, 8일, 10일, 13일, 15일, 17일
  2차: 2월 / 3일, 5일, 7일, 10일, 12일, 14일
- 강 사: Max Diaz, Holly Wang, Jean Gray
- 강의실: 추후 공지

▶ 정 원: 9명/반 (차수별 2개반 운영)

▶ 주요 강의 내용 및 시수

1) Introduction and References (2 hours)
2) Methodology (2 hours)
3) Results, Figures, Graphs, and Visuals (3 hours)
4) Discussion/Conclusion (2 hours)
5) Abstract (3 hours)

▶ 문 의: 어학센터 사무실 (장한별, Tel. 350-8732, star484@kaist.ac.kr)

▶ 주제별 강의 내용

This course provides students with an overview of the core components necessary to write for scientific disciplines. The course details the writing conventions and contents standard in scientific journals, publications, and conferences and aims to impart on students the skills needed for successful publication. Also covered are important technical and stylistic details and common grammatical issues that may confuse science writers.

Module 1: Introduction and References (2 hours)
The Introduction section of a research paper seeks to start the reader with a general overview of the research topic, necessary background information, previous research conducted, current gaps in the research, the researcher's purpose, and the potential importance of this research. Due to the Introduction's heavy dependence on outside sources, this module also details referencing and citations.

Module 2: Methodology (2 hours)
The first specially focused section in a research paper, the Methodology section should be a detailed, step-by-step account of the researcher's experimental procedure. The focus here is on ensuring reproducibility of the experiment for future researchers.

Module 3: Results, Figures, Graphs, and Visuals (3 hours)
The second of the two highly focused components of a research paper, the Results section should list the researcher's findings and observations and their relation to the aims of the research. Figures, graphs, and other visuals in this section also play an important role in successfully communicating the researcher's understanding of the data.

Module 4: Discussion/Conclusion (2 hours)
This final section of the research paper mirrors the Introduction in many ways, taking the more focused components of the Methodology and Results sections and describing their general applicability to current and future research. Of particular importance here are the possible greater implications and applications of the research.

Module 5: Abstract (3 hours)
The shortest, yet in many ways the most important, component of the research paper. The abstract should aim to give the reader a clear, concise, and standalone overview of the core parts of the research paper.