

## Syllabus - “scientific publication - skills and strategies”

Liczba ECTS: 3 ECTS

Termin i miejsce: Instytut Psychologii, Ingardena 6, spring semester (semester letni), Thursday 13:00-15:00 (room TBA)

Język wykładowy: The course will be in English.

Prerequisite: a PhD project in the domain of Cognitive Psychology, Neuroscience, or similar.

The objective of the course is to provide its participants with an in-depth understanding of the scientific publication process, its mechanisms and its meaning in their scientific career, and with a set of practical skills and heuristics that will allow them to successfully navigate the vagaries of this process.

The course will be based on real-life review processes from my own publication history (see, for example, Szwed et al., *Neuron*, 2003; Bola et al., *PNAS*, 2017), and if necessary, from my colleagues' history (e.g. social psychology). By necessity, the courses' focus will be on Cognitive Psychology and Neuroscience.

The course will begin with a lecture on how the publication process works, and about the respective roles editorial boards, editors and reviewers, and the scientists themselves. We will cover the obvious and the less-obvious aspects of the publications in ones' scientific life.

Following the introduction, I will present several real-life examples of manuscripts and the initial reviewers' responses to them. The course participants will then form 2-3 person groups. Each group will be tasked with 1) drafting a response strategy and a writing reply to reviewers for one of the manuscripts 2) playing the role of the reviewer and editor for another groups' reply and writing a reply to the authors. This part will take the form of individual consultations with the groups while they are writing their replies. All work created during the course will be then presented and discussed. In the last part of the course, I will 3) assign existing, recently published papers to each group according to the groups' expertise. In that part, the groups' task will be to formulate a criticism of the paper as a critical reviewer would do (“shooting” at papers).

### Reading:

How to succeed in science: a concise guide for young biomedical scientists.

Jonathan W. Yewdell. *Nat Rev Mol Cell Biol.* 2008 May; 9(5): 413–416. doi: 10.1038/nrm2389

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2685175/>

<https://www.ncbi.nlm.nih.gov/pubmed/18401347>

<https://theconversation.com/predicting-who-will-publish-or-perish-as-career-academics-18473>

Building a Successful Career in Scientific Research: A Guide for PhD Students and Postdocs by Phil Dee

A Scholar's Guide to Getting Published in English: Critical Choices and Practical Strategies, by Mary Jane Curry, Theresa Lillis