From the choice of topic to publication: information resources and tools in scholarly communication I.

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Created by Morvai Laura

DEENK

Main questions of the presentation

- How to find appropriate material to write an article?
- How to download them from the internet?
- What tools can help us meet the formal requirements of scholarly articles (citation, references, etc...)?
- What are the possibilities of academic publication?
- How to manage our professional activities to be recognized?

Aims of publishing

- Presentation of results – visibility
  - Just the published results will be the part of science
  - "Writing without publishing gets to be like loving someone from afar, delicious for fantasies but thin gruel for a living."
- Building a career
  - Job applications
  - Academic advancement (important stage of Ph.D.)
- Increasing our prestige
  - Scientists and their institutions gain prestige by citations
- Protection
  - Intellectual property becomes the possession of the scientist by publishing, it will become quotable
  - Ensuring and proving the priority
- Return on investment
  - For sponsors
  - By tenders
- Educating
  - Others can learn from it

The pressure of publishing

- Publishing becomes a goal from a tool

- It appear as a clear commitment by some professions or institutions

- „publish or perish"

- But never publish in a predatory journal – more details on 20th April

Aims and document types

- Intention and/or the target group determine the type of documents
- Scientific aim: journals, books, monographs, book chapters, a thesis, presentations, posters
- Educational goal: textbooks, notes
- Dissemination of knowledge for public: educational books, articles

- Form:
  - Printed
  - Electronic

Steps of publication

- Choice of topic, Background Research
- Collecting material
- Implementation
- Publication

Choice of topic, preparation

- Topic
  - Fully-developed, but should not be an old chestnut, but a something new
- How do you know it?
  - Supervisor
  - Exploring literature – Library, printed material, databases
    - Identify the keywords in the question for your science fair project
      - Brainstorm additional keywords and concepts

How to find appropriate material to write an article?

- A review of relevant literature
- Collecting and analyzing our own research results
- Where?
  - Laboratory, workplace, life
  - Library
  - Electronic resources

Library

- Collection of documents – printed and electronic
- Collects, processes, stores and provides access
- The reader becomes a self- services user (similarly to other services)
- The librarian will be more the builder and provider of the databases

Electronic resources

Internet resources - not necessarily reliable

- incorrect information
- changing websites
- Non-scientific sources (according to British researchers …)

Databases

- Peer-reviewed, reliable databases

e.g.: Jstor, Web of Science, Scopus

- False databases

e.g.: waset.org

Good References	Bad References
Come from a credible source	Come from a source with poor credibility
Not too old	Out of date
Not biased	Not objective and fair, biased towards one point of view
Free of errors	Prone to errors
Properly cite the original source of all information	Do not cite where the information came from
Easy for other people to find or obtain	Difficult for others to obtain

Types of electronic databases

- Usage: offline (CD, DVD), online (internet)
- Themes: multidisciplinary (JSTOR, WOS, Scopus), disciplinary (PubMed)
- Form: Text, image, audio, database, bibliography, etc.
- Financial terms: have to pay for it, free of charge
- Depth of content:
  - bibliographic description (eg. MATARKA)
  - Abstracting databases (eg. MathScinet)
  - Abstract databases (eg. MEDLINE)
  - Full-text (eg. Proquest, EbscoHost)
  - Citation databases (including bibliography but also citations, e.g.: Scopus, Web of Science –
  - Pilot projects
    - It is designed to quickly highlight the most important papers and identify the connections between them. It includes currently only computer science publications - Semantic Scholar (Computer science)

Databases access

- Free access: DOAJ, PubMed
- Fee payable: Web of Science
- Higher education – subscriptions through libraries
- Personal registration and payment

The role of DEENK in collecting material

- Local catalogue (printed books and journals)
- Borrowing or local use
- Hungarian resources (ODR)
- International resources – Ebsco Discovery Science (EDS)
  - EDS is a comprehensive search engine retrieving information simultaneously from the most significant scholarly databases (e.g. Medline, Scopus, WOS, etc.), full text databases (Science Direct) and library catalogues.
- Tudóstér (Academic Profiles) – academic performance of UD

https://www.jstor.org/action/doBasicSearch?Query=predatory+journals&prq=education&fc=off&so=rel&acc

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Milan Merkle, Mark Daniel Ward

Applicable Analysis and Discrete Mathematics, Vol. 10, No. 2 (October 2016), pp. 569-570
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David Wooster

Oecologia, Vol. 99, No. 1/2 (1994), pp. 7-15
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☐ 1. **Open Access and Predatory Publishing**
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JOGNN-JOURNAL OF OBSTETRIC GYNECOLOGIC AND NEONATAL NURSING
Volume: 46 Issue: 2 Pages: 161-162 Published: MAR-APR 2017
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☐ 2. **Improvement of editorial quality of journals indexed in DOAJ: a data analysis**
By: Marchitelli, Andrea; Galimberti, Paola; Bollini, Andrea; et al.
JLIS.IT Volume: 8 Issue: 1 Pages: 1-21 Published: 2017
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☐ 3. **Predatory journals, peer review, and education research**
By: Beall, Jeffrey
NEW HORIZONS IN ADULT EDUCATION AND HUMAN RESOURCE DEVELOPMENT Volume: 29 Issue: 1 Pages: 54-58 Published: 2017
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☐ 4. **India's scientific publication in predatory journals: need for regulating quality of Indian science and education**
By: Seethapathy, G. S.; Kumar, J. U. Santhosh; Hareesha, A. S.

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☐ 1	Are males more scared of predators? Differential change in metabolic rate between males and females under predation risk	Lagos, P.A., Herberstein, M.E.	2017	Physiology and Behavior 173, pp. 110-115

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| ☐ 2 | Predatory journals: some alternatives | Jain, S., Jain, H. | 2017 | Asian Journal of Psychiatry 26, pp. 123 |

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| ☐ 3 | CiteScore: A cite for sore eyes, or a valuable, transparent metric? | Teixeira da Silva, J.A., Memon, A.R. | 2017 | Scientometrics 111(1), pp. 553-556 |

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Implementation

- Where to publish?
  - Tudóstér (Academic Profiles) can be used to search for examples
  - MTA (Hungarian Academy of Sciences portal – doctoral issues: list of journals of different disciplines (not all)
  - Avoid predatory journals – coming back with details on May 5

- Language
  - Depends on the target group and the goal (scientific, educational, Dissemination of knowledge for public)
  - Scientific – terminology of the discipline
  - Dissemination of knowledge for public – easy to understand by the public

- Author guides
  - The structure of a publication
  - Preparing the bibliography

What tools can help us meet the formal requirements of scholarly articles (citation, references, etc...)?

- Manual solutions (following a manual e.g.:. APA manual)
- Reference softwares (in text citation and bibliography – works in Microsoft Word)

EndNote

Mendeley   RefWorks

Zotero

Reference softwares and DEENK

- Reference softwares are tools helping researchers collecting, organizing, storing information and citations as well as preparing bibliographies. Hence they make publication and scholarly cooperation easier
  - RefWorks
    - Web based service
  - EndNote
    - Can be bought for individual computers. Available on certain DEENK computers
- Questions about reference softwares can be sent to: publikaciok@lib.unideb.hu

- Upon request the staff of DEENK will give tutorials on reference softwares (reference import, preparing the bibliography, write-and-cite option)
- Venue: Life Sciences Library – teaching Room (1st floor)
- Send a request to publikaciok@lib.unideb.hu

Software	Service provider	Cost	Mobile application	Password	Group work option	Format
RefWorks	RefWorks / ProQuest	Not free	RefMobile website (free)	Yes	Simultaneous write access	HTML, rtf, plain text, RSS, doc, odt, PDF
EndNote	Clarivate Analytics	Not free - The web version EndNote basic (formerly, EndNote Web) is free of charge	iPad app (free)	Yes	No	HTML, rtf, plain text, xml, clipboard
Zotero	Roy Rosenzweig Center for History and New Media at GMU	Free	iOS & Android	Yes	User-specific permissions and simultaneous write access	HTML, RTF, RSS, clipboard, PDF
Mendeley	Elsevier	Free	iOS & Android	Yes	User-specific permissions and simultaneous write access	HTML, RTF, plain text, RSS, clipboard, PDF

You can used them in Word for Windows or Mac (except for RefWorks and Zotero), the reference form (APA, MLA, Harward, and so on) is optional

How to put author's affiliation on the publication as a scientist of UD?

- the publication guidelines of the UD gives instructions about affiliation

- If the UD affiliation is missing from the publication it can negatively influence the rank of UD in statistics and higher eeducation rankings

- Do not forget to put UD affiliation on your publication

Publication with multiple authors

- Modern scholarly publications often have more authors
- Shared authorship (first, last, corresponding author) -
- The list of authors usually reflects the extent of work invested by one author
- The first author's rank is higher than the authors in the middle
- Last authors are usually senior researchers who have mentored the younger authors

Conventional and Molecular Epidemiology of Tuberculosis in Homeless Patients in Budapest, Hungary

Judit Lukács,[1]† Vilmos Tubak,[2]† Judit Mester,[3] Sándor Dávid,[3] Zoltán Bártfai,[1] Tanja Kubica,[4] Stefan Niemann,[4] and Ákos Somoskövi[1]*

Department of Respiratory Medicine, School of Medicine, Semmelweis University,[1] and Korányi National Institute for Tuberculosis and Respiratory Medicine,[3] Budapest, and Creative Laboratory Ltd., Szeged,[2] Hungary, and National Reference Center for Mycobacteria, Forschungszentrum Borstel, Borstel, Germany[4]

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The authors indicated in parentheses made substantial contributions to the following tasks of research: initial conception (M.F.S.); design (D.W.S., N.S.W., M.F.S.); provision of resources (D.W.S.); collection of data (D.W.S.); analysis and interpretation of data (D.W.S., M.F.S.); writing and revision of paper (D.W.S., N.S.W., M.F.S.).

The views expressed herein are those of the authors and not necessarily their institutions or sources of support.

Reprint requests to 130 Washington Ave, Palo Alto, CA 94301-3945 (Dr D. Shapiro).

"Welcome to the co-author's party! You're number twenty-one!"

What if two or more Ph.D. students publish a work together? Who can use the results in the dissertation?

- The guidelines of the Doctoral School the students belong to are to be followed
  - Check the guidelines before publishing as not all doctoral schools accept the publication for the dissertation
  - It is very disappointing if you assume that you have a publication, but someone else has already use it
  - You sign an agreement with the co-authors to clarify who can use and which part in the dissertation
  - The library follows the guideline of the Doctoral Schools
- Thus if a publication is shared it is necessary to upload the agreement to Tudóstér
- Think twice if you are to publish together with more Ph.D. students

A jelölt neve: Dr. Buglyó Gergely
Doktori iskola: Molekuláris, Sejt- és Immunbiológia Doktori Iskola
A közlemény címe: WT1 Overexpression Affecting Clinical Outcome in Non-Hodgkin Lymphomas and Adult Acute Lymphoblastic Leukemia
Szerzői: Zsófia Ujj & Gergely Buglyó & Miklós Udvardy & György Vargha & Sándor Biró & László Rejtő
Megjelenés helye, ideje: Pathol. Oncol. Res., 2013

Nyilatkozat

Alulírottak kijelentjük, hogy a mellékelt közleményben megjelent és a *Jelölt* által a Debreceni Egyetemre benyújtandó Ph. D. értekezésben felhasznált tudományos eredmények eddig nem szerepeltek más Ph. D. értekezés tudományos eredményei között.

Továbbá kijelentjük, hogy a Jelölt a fenti közlemény eredményeit csak részben használja fel PhD disszertációjában. A megosztás az alábbiak szerint történik:

Dr. Ujj Zsófia használja fel a diffúz nagy B-sejtes limfómára (DLBCL) vonatkozó eredményeket (Results: 1. alfejezet, valamint az 1/A, 1/B és 1/C ábra). Ezek az eredmények elsőként igazolják, hogy a DLBCL-ben korábban leírt WT1-pozitivitásnak prognosztikai jelentősége van, hiszen viszonylag nagy mintaszám alapján, statisztikailag szignifikáns különbséget írunk le a WT1-pozitív és WT1-negatív betegcsoport teljes és betegségmentes túlélése között.

Dr. Buglyó Gergely használja fel köpenysejtes limfómára (MCL), perifériás T-sejtes limfómára (PTCL), egyéb limfómákra, valamint ALL-re vonatkozó eredményeket (Results: többi alfejezet, 2.-

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3. **Ujj Z***, **Buglyó G***, Udvardy M, Beyer D, Vargha G, Biró S, Rejtő L. WT1 expression in adult acute myeloid leukemia: assessing its presence, magnitude and temporal changes as prognostic factors. (Jelenleg review alatt a *European Journal of Haematology* folyóiratnál.)
*Megosztott elsőszerzőség.

A harmadikként megjelölt közlemény szerzőjeként dr. Buglyó Gergely kijelenti, hogy lemond e közlemény felhasználásáról, így az ebben leközölt eredmények kizárólag dr. Ujj Zsófia Ph. D. disszertációjának alapját képezik.

Publishing

- The role of DEENK – DU Press
- Métisz

How to manage our professional activities?

- Repositories
- Institutional portals
- Researcher's own website
- MTMT (mandatory in Hungary)
- Institutional Academic Profiles (e.g.:. iDEa Tudóstér) (mandatory at UD)
- iDEa Tudóstér Profiles → List of publications for Ph.D. degree

Researcher profiles

- Search engine based:

- Disciplinary:
  - NCBI (National Center for Biotechnology Information)
- File sharing platforms:

- Personal identifiers :

- Other:

20th April

- Knowledge management
- Scholarly communication
- Open access publishing
- Predatory journals
- Tudóstér

Thank you for your attention