

Course title

Information sources in dentistry

Department

Department of dental anthropology

Address

Gundulićeva 5, 10000 Zagreb

Total ECTS points

3

Course leader

Associate professor Ivana Savić Pavičin

Course associates

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Teaching plan

	No. classes
Lecture	5
Seminar	/
Practical	10
Total	15

1 class = 45 minutes

Course description

Information sources in dentistry is a course that gives students an answer to the question of where and how to find the information they need during the planning, conducting research and writing a doctoral or other scientific paper. We live in a time when a lot of information is available to us, and although this fact greatly facilitates our scientific work, students need to be educated to determine their reliability and quality. At the very beginning of the course, students learn how to write a bibliographic record correctly by quoting the source they used to write the paper. In the field of biomedicine, the Vancouver style is most often used, and therefore special emphasis is placed on learning the rules of writing references in that style. In addition, the course introduces students to different, general and special, databases and targeted search techniques on a given topic in order to quickly and efficiently get the latest information. During the practical exercises, students practice searching techniques, in Croatian and international databases, and get acquainted with the different possibilities of modifying the search depending on their needs and the purpose of the search.

When publishing research results, it is very important to choose the appropriate journal according to the topic covered and the value of the results obtained. Within the course, students are introduced to the leading citation databases and learn how to check the ranking of journals by quartiles.

Scientific integrity is a fundamental value that researchers must be guided by in their work. Today, there are many computer programs used to detect plagiarism and it is important that young scientists are introduced timely to unacceptable elements in writing and publishing papers with the aim of not being found themselves in an unwanted situation, consciously or unconsciously.

Learning outcomes

1. To apply the rules of writing a bibliographic record (reference) of a given scientific article / book / chapter in a book / other document (in printed or electronic form)
2. To search targeted of a given research topic in the largest databases (Wos, Scopus, PubMed)
3. To evaluate the scientific activity of an individual author (H-index)
4. To rank the default scientific journal according to the quartiles in SJR and Scimago databases

Course content

Lecture

	Lecture topics	Number of classes/hours
1.	Information and bibliographic description (References)	1
2.	Databases	1
3.	Database search techniques	1
4.	Evaluation of scientific contribution	1
5.	Plagiarism and scientific honesty	1
6.	-	-
7.	-	-
8.	-	-
9.	-	-
10.	-	-

1 sat = 45 minuta

Seminari

	Seminar topics	Number of classes/hours
1.	-	-
2.	-	-
3.	-	-
4.	-	-
5.	-	-
6.	-	-
7.	-	-
8.	-	-
9.	-	-
10.	-	-

1 sat = 45 minuta

Vježbe

	practicals topics	Number of classes/hours
1.	Vancouver (ICMJE) bibliographic description	2
2.	Search techniques: Database of evaluation papers - Dabar, Portal of Croatian scientific and professional journals - Hrčak and Croatian scientific bibliography - CROSBİ	2
3.	Navigating large databases and targeted search (PubMed, MeSH and NLM)	2
4.	Evaluation of scientific contribution, citations, H-index (Web of Science and Scopus)	2
5.	Categorization and evaluation of scientific journals (JCR and Scimago)	2
6.	-	-
7.	-	-
8.	-	-
9.	-	-
10.	-	-

1 class = 45 minutes

Literature

Patrias K. Citing medicine: the NLM style guide for authors, editors, and publishers [Internet]. 2nd ed. Wendling DL, technical editor. Bethesda (MD): National Library of Medicine (US); 2007- [updated 2015 Oct 2; cited 2021 Jan 12]. Available from: <http://www.nlm.nih.gov/citingmedicine>

CV (curriculum vitae) and bibliography of course leader

<https://www.bib.irb.hr/pretraga?operators=and|Savi%C4%87%20Pavi%C4%8Din.%20Ivana%20%2825409%29|text|profile>

Ivana Savić Pavičin was born on July 11, 1980 in Zadar, Croatia. She graduated from the Faculty of Dentistry, University of Zagreb in 2004.

She enrolled in the Postgraduate doctoral study at the Faculty of Dentistry in 2006 and defended her dissertation in 2013. She passed the specialist exam in Dental Pathology and Endodontics in March 2011.

Since 2004 he has been working at the Department of Dental Anthropology, where she participates in the teaching of integrated undergraduate and graduate studies, in the courses "Tooth morphology with dental anthropology", "Forensic dentistry", "Social medicine and epidemiology", "Introduction to dental medicine", "Occupational diseases of dentists" and "Ethics" in Croatian and English

programme, and in postgraduate doctoral and specialist studies. From 2017/18. she is the leader of the course "Information sources in dentistry" at the Postgraduate Doctoral and Specialist Studies.

She was elected to the title of Associate professor in 2021.

The main areas of her scientific and professional work are the biology and pathology of bone tissue (especially osteoporosis and its impact on the jaw bones), dental anthropology, dental stem cells, forensic dentistry and endodontics.

PARTICIPATION IN SCIENTIFIC PROJECTS

University of Zagreb research fund:

2020. „Determination of sex, age and bone quality on radiograms- anthropological and forensic aspects“- Collaborate

2017. and 2018. „Determination of sex, age and bone quality on radiograms- anthropological and forensic aspects“- Project lead

2015. „Stomatognathic system as starting point in forensic and bioarcheological investigations“ - Collaborate

2014. „Isolation, characterization and differentiation potential of oral stem cells“ - Collaborate

2013. „Dental and forensic aspects of stomatognathic system“ Collaborate

Croatian Science Foundation:

2020.- today "Clinical and experimental research of laser-activated photoacoustic flow and photoactivated disinfection in endodontic treatment" - Collaborate

2017.-2021. „ Stem cells from human oral mucosa for treatment of brain ischemia“ - Collaborate

2009.-2010. Croatian Dental Terminology – HRSTON – Collaborate

Republic of Croatia, Ministry of Science:

2004.-2006. „Bone in dental medicine research“ - Collaborate

2007.-2014. „Research of bone tissue of stomatognathic system“- Collaborate

Twinning project Croatia-United Kingdom

2017. "Disaster victim identification in natural and man-made disasters and terrorism acts"- Collaborate

School of Dental medicine and City Health Office of the City of Zagreb

2015.-2018. Oral health promotion project for blind and visually impaired persons

She attended professional training in the field of forensic dentistry (Personal identification by dental methods) in 2013 in Reykjavik, Iceland, Faculty of Dentistry, University of Iceland, organized by IOFOS.

She has actively participated, as a lecturer, in several continuing education courses in the field of Family dentistry, in the symposium Occupational Diseases in Dentistry and Forensic Dentistry. She is a member of the Croatian Endodontic Society (HED), the International Association for Dental Research (IADR), the International Association for Paleodontology (IAPO), the International Association for Disabilities and Oral Health (iADH) and the Croatian Chamber of Dental Medicine (HKDM). She is a reviewer in the journals Archives of Oral Biology, Acta stomatologica Croatica, Journal of Oral and Maxillofacial Radiology, Journal of American Dental Association, Case Reports in Dentistry, International Journal of Dentistry and Oral Health, Acta Medica Academica, The Journal of Forensic Odonto-Stomatology, Acta Stomatologica Scandinavica and Journal of Forensic Science.

Actively uses English and Italian language, in speech and writing.

She is married and the mother of four children.