## **CURRICULUM VITAE**

## Dr. Barbara Nußbaumer-Streit, MSc BSc Bakk. Dr. Karl-Dorrek Straße 30

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# Work experience

<ul> <li>Head of the Centre Cochrane Austria</li> <li>University for Continuing Education Krems, Department for Evidence-based Medicine and Evaluation, Austria, (<i>Sept. 2021 – Oct. 2022 parental leave</i>)</li> <li>Responsible for leading the Cochrane Austria team and coordinating its activities</li> <li>Promotes the internationality of the Krems campus, conducts public relations and spearheads knowledge transfer</li> <li>Teaches evidence-based medicine (EBM) methods at the university level</li> <li>Manages and conducts systematic evidence syntheses and methods research in the field of evidence synthesis</li> <li>Provides methods support for guideline development for organisations such as the World Health Organization (WHO)</li> <li>07/2012 -</li> <li>Research Associate, Lecturer</li> <li>University for Continuing Education Krems, Department for Evidence-based Medicine and Evaluation, Austria</li> <li>Managed and conducted systematic evidence syntheses on efficacy and harms, and evaluation projects in the field of health promotion</li> <li>Taught EBM methods</li> <li>01/2012 -</li> <li>Research Associate, Lecturer</li> <li>University of Applied Sciences Upper Austria, Department for Health and Social Science Austria</li> <li>Managed and conducted evaluation studies using qualitative and quantitative methods</li> <li>Taught qualitative and quantitative empirical methods</li> </ul>	01/2016 – present	<ul> <li>Co-Director of Cochrane Austria</li> <li>Cochrane Collaboration, Cochrane Austria, (Sept. 2021 – Oct. 2022 parental leave)</li> <li>Cochrane's official local representative and first point of contact, responsible for promoting Cochrane and its work through publication and local outreach</li> <li>Supports and develops the Cochrane community by training and supporting other researchers in writing Cochrane reviews</li> <li>Provides the local dissemination of Cochrane Reviews via press releases and review summaries</li> </ul>
<ul> <li>06/2018 University for Continuing Education Krems, Department for Evidence-based Medicine and Evaluation, Austria         <ul> <li>Managed and conducted systematic evidence syntheses on efficacy and harms, and evaluation projects in the field of health promotion</li> <li>Taught EBM methods</li> </ul> </li> <li>01/2012 – Research Associate, Lecturer         <ul> <li>University of Applied Sciences Upper Austria, Department for Health and Social Sciences Austria</li> <li>Managed and conducted evaluation studies using qualitative and quantitative methods</li> </ul> </li> </ul>		<ul> <li>University for Continuing Education Krems, Department for Evidence-based Medicine and Evaluation, Austria, (Sept. 2021 – Oct. 2022 parental leave)</li> <li>Responsible for leading the Cochrane Austria team and coordinating its activities</li> <li>Promotes the internationality of the Krems campus, conducts public relations and spearheads knowledge transfer</li> <li>Teaches evidence-based medicine (EBM) methods at the university level</li> <li>Manages and conducts systematic evidence syntheses and methods research in the field of evidence synthesis</li> <li>Provides methods support for guideline development for organisations such as</li> </ul>
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#### 08/2011 – Study Coordinator

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10/2011	Medical University of G	Graz, Department for Rheumato	logy and Immunology. Austria

• Ensured compliance with federal guidelines and institutional policy

### Additional teaching experiences at universities

Karl Landsteiner University, since 2014	Evidence-based Medicine, Epidemiology, Scientific Research Project, Bachelor's and Master's Programme Health Science/Medicine
Paracelsus Medical University, since 2018	'Checklists, Guidelines, Standards – Research and Publishing' and 'Reporting Guidelines' lectures, Nursing and Allied Health Sciences PhD Programme
Medical University of Vienna, 2016 – 2021	'Clinical Epidemiology: Systematic Review and Meta-Analysis' seminar, Medicine Degree Programme
Johannes Kepler University Linz, 2019 – 2020	'Evidence-based Medicine with focus on complementary medicine' lecture, Medicine Degree Programme
University of Applied Sciences Wiener Neustadt, 2019 – 2020	'Epidemiology and Statistics in Nursing' seminar, Health- and Nursing Science Bachelor's Programme
University of Applied Sciences Joanneum, 2018 – 2019	'Statistics and Research Methods', Health, Tourism and Sport Management Master's Programme and 'Evidence-based Practice in Clinical Nutrition' seminar, Applied Nutritional Medicine Master's Programme
UMIT Private University, 2016	'Systematic Reviews and Meta-Analyses' lecture, Nursing Science Master's Programme
Thesis supervision Karl Landsteiner University, 2019	Main supervisor of the bachelor thesis 'Surgery or embolization for varicoceles in subfertile men (Review)'
	Main supervisor of the bachelor thesis 'Comparing recommendations of three point-of-care tools for general practitioners with S3 guidelines – a comparative validity analysis'
	Second supervisor of the bachelor thesis 'Placebo and Nocebo effects in adult patients with major depressive disorder – a literature review and data analysis'
Medical University Vienna, 2019 – 2020	Second supervisor of the master thesis 'Lebensstilmodifikation bei saisonal abhängiger Depression: Systematische Literaturarbeit'

## Education and training

09/2014 – 10/2018	<b>Doctoral Programme of Applied Medical Science (Public Health)</b> Medical University of Vienna, Austria <i>Dr. scient. med with highest distinction (PhD equivalent)</i>
07/2014 – 08/2014	Summer Session Public Health Harvard T.H. Chan School of Public Health, Boston, USA
04/2012 – 06/2012	Clinical Trial Specialist (postgraduate diploma course) Medical University of Graz, Austria
10/2007 – 10/2011	<b>Studies in Business Administration</b> University of Graz, Austria Bachelor (Bakk. rer. soc. oec.) with highest distinction
10/2005 – 11/2010	Studies in Health- and Nursing Science Medical University of Graz, Austria Master and Bachelor of Science (MSc BSc) with highest distinction

### Personal skills

Software	<ul> <li>Statistical Software: SPSS, Comprehensive Meta-analysis</li> <li>Systematic review software: Covidence, RevMan, DistillerSR, AbstrackR, Rayyan</li> <li>Survey software: RedCap, Limesurvey, Surveymonkey</li> <li>General software: Microsoft Office (Word, PowerPoint, Excel)</li> <li>Content management system: Drupal</li> </ul>
Languages	<ul> <li>German: mother tongue</li> <li>English: C1 (listening, reading, speaking, writing) TOEFL 112/120</li> <li>Italian: B1 (listening, reading, speaking, writing)</li> </ul>
Communication / managerial skills	<ul> <li>Excellent general and interdisciplinary communication skills, acquired through leading and working in international and teams</li> <li>Strong science communication skills, gained during interactions with the media (print, TV, radio)</li> <li>Extensive experience in managing international and multidisciplinary teams as a principal investigator</li> </ul>
Awards	

2020	Science Award granted by Lower Austria, Austria
2011 & 2008	Award for excellent performance as a student granted by the Medical University of Graz, Austria
2011	<b>Top of the class graduate</b> in Health- and Nursing Science at the Medical University of Graz, Austria
2010	Poster Award 2010, Medical Continence Society Austria, Vienna, Austria

## Contributions to the scientific community

2021	Leader of the 'rapid reviews' working group of the German 'Kompetenznetz Public Health COVID-19'
2021 – 2022	Member of the Programme Committee of the EBM Congress 2022 in Lübeck, Germany
Since 2020	Member of the Advisory Board of Cochrane Sweden
Since 2019	Member of the Advisory Board of Cochrane Germany
2019 – 2022	Member of the Advisory Board of Cochrane Russia
Since 2018	Action Management Committee Member of the EU-funded COST Action EVBRES 'Towards an International Network for Evidence-based Research in Clinical Health Research' and leader of working group 3
Since 2018	Co-Chair of the Cochrane LMIC/UMIC Stipends Committee
2018	Associate Editor of the BMC Systematic Reviews journal
Since 2017	Co-Convenor of the Cochrane Rapid Reviews Methods Group
Since 2017	Member of the Editorial Board of the journal 'Zeitschrift für Evidenz, Fortbildung und Qualität im Gesundheitswesen'
2017 & 2013	Poster Chair, European Forum for Evidence-based Prevention, Krems, Austria
2015	Member of the Local Organising Committee, 23 <sup>rd</sup> Cochrane Colloquium in Vienna, Austria

#### **Publications**

67 peer-reviewed publications (36 on methods research, 29 evidence syntheses, 2 other research) 5 scientific monographs

42 non-peer-reviewed publications (in German-language journals to target practitioners or laypeople)

H-Index: 23 (08.05.2023) Citations: 4200 (08.05.2023)

Please find a detailed list of all publications at my Google Scholar profile.

### Conferences and invited talks and workshops

05/2023	<b>'Collecting data and effect measures'</b> invited workshop, systematic review training for European National Immunization Technical Advisory Groups, ECDC (online)
03/2022	<b>'Cochrane Rapid Review Guidance'</b> conference talk at the Symposium 'Informations management and Evidence syntheses after the pandemic' Pre-Conference, 23 <sup>rd</sup> Congress of the German Network EbM (online)
09/2021	<b>'Resource use during systematic review production: a scoping review'</b> conference talk, 2 <sup>nd</sup> EBR (Evidence-based Research) Conference (online)

- 09/2021 **'Introduction to Cochrane'** invited talk, Grand Rounds, Department of Urology, University Hospital Vienna, Vienna, Austria (online)
- 08/2021 **'Viele Fragen, wenig Zeit: Aktuelle Anforderungen an systematische Evidenzsynthesen'** invited plenary, course for evidence-based medicine and evidencebased practice, University of Lübeck, Germany (online)
- 05/2021 **'Cochrane's Rapid Review Methods in Response to the COVID-19 Crisis'** invited talk, Introduction to Cochrane Methodology PhD course, Cochrane Sweden (online)
- 04/2021 **'Resource use during systematic review production: a scoping review'** conference talk, 6<sup>th</sup> International Collaboration for the Automation of Systematic Reviews Meeting (ICASR; online)
- 04/2021 **'Herbst-Winter-Depression: Führen nicht medikamentöse Verfahren wie Licht- und Vitamintherapie zu besseren Ergebnissen?'** invited talk, IQWiG, Germany (online)
- 04/2021 **'Protocol development and PRISMA'** invited talk, KSSTA & JEO course: Systematic Reviews in Medicine (online)
- 03/2021 **'Corona Mythen im Prüfstand'** invited talk at the event 'Ein Jahr COVID-19: Sternstuden der Epidemiologie?', Austrian Society of Epidemiology (online)
- 03/2021 **'Cochrane's Rapid Review Methods in Response to the COVID-19 Crisis'** invited talk, Navigation Guide Workgroup meetings, University of California, San Francisco (online)
- 03/2021 **'Formulating Questions, Selecting Outcomes and Introduction to the Guideline Development Tool'** invited workshop, WHO, Geneva, Switzerland (online)
- 01/2021 **'Rapid Reviews if decision making is urgent'** invited talk, 'Rapid generation of evidence in times of COVID-19 challenges and potential' German Research Foundation (DFG) (online)
- 12/2020 **'Cochrane rapid reviews'** invited talk, Cochrane International Mobility Programme, Cochrane Croatia (online)
- 12/2020 **'Introduction to Cochrane rapid reviews'** invited workshop, Cochrane Sweden (online)
- 11/2020 **'The Cochrane rapid review on quarantine for COVID-19'** invited talk, PhD seminar, Cochrane Sweden (online)
- 11/2020 **'Containing COVID-19 with public health measures what is the evidence?'** invited talk, health seminar, Swiss Association of Science Journalism (online)
- 10/2020 **'Assess the Certainty of Evidence'** invited workshop, Austrian Institute for Health Technology Assessment, Vienna, Austria
- 06/2020 'Quarantine alone or in combination with other public health measures to control COVID-19: a rapid review' invited talk, Cochrane Editor in Chief webinar (online)
- 05/2020 **'The Cochrane rapid review on quarantine for COVID-19'** invited talk, PhD seminar, Cochrane Sweden (online)

03/2020 **'Formulating Questions, Selecting Outcomes and the Guideline Development Tool'** invited workshop, WHO, Geneva, Switzerland (online)

'How to get the evidence you need quickly – limiting reviews to English publications
 02/2020 only' conference talk, 21<sup>st</sup> Congress of the German Network EbM, Basel, Switzerland

- 11/2019 **'Critical appraisal of studies'** invited workshop, Main Association of Austrian Social Security Institutions, Vienna, Austria
- 11/2019 **'Research on methodological aspects of evidence syntheses Current insights'** invited talk, 'Herbstseminar' of the Vienna Biometric Society, Medical University Vienna, Vienna, Austria
- 10/2019 **'WHO guidelines on communicating risk in public health emergencies'** invited panel discussion, 8<sup>th</sup> LGL-Congress for Public Health Services on 'Protecting health communicating risks', Bayreuth, Germany
- 06/2019 **'Evidence-based decision making'** invited workshop within the European guideline education and Cost-Conscious Healthcare (CoCoCare) programme, Oslo, Norway
- 03/2019 **'Critical appraisal of medical studies'** invited workshop for lecturers, University of Applied Science for Health Professions Upper Austria, Steyr, Austria
- 03/2019 'Cochrane Systematic Reviews in digital era: critical appraisal of studies and the role of Cochrane software' invited workshop, Kazan, Russia
- 02/2019 **'Evidence-based Medicine: Knowing What Works'** invited talk, part of the MiniMed lecture series, Krems, Austria
- 01/2019 '3-day Cochrane workshop for authors' invited workshop, Freiburg, Germany
- 01/2019 **'Formulating Questions, Selecting Outcomes and Introduction to the Guideline Development Tool'** invited workshop, WHO, Geneva, Switzerland
- 11/2018 **'Introduction to Rapid Reviews'** invited workshop, symposium, Institute of Social and Preventive Medicine, Lausanne, Switzerland
- 11/2018 **'What does Cochrane Austria mean for Karl Landsteiner University and hospitals'** invited talk, 8<sup>th</sup> Onkologietag Krems, Austria
- 11/2018 **'Authors-Workshop'** invited workshop for lecturers, University of Applied Science for Health Professions Upper Austria, Steyr, Austria
- 09/2018 **'An introduction to rapid reviews'** conference workshop, 25<sup>th</sup> Cochrane Colloquium, Edinburgh, UK
- 09/2018 **'How to use the GRADE approach to assess, interpret and present evidence'** conference workshop, 25<sup>th</sup> Cochrane Colloquium, Edinburgh, UK
- 06/2018 **'HTA Workshop'** invited workshop, Main Association of Austrian Social Security Institutions, Vienna, Austria
- 06/2018 **'Increased risk for random errors is common in outcomes graded as high certainty of evidence'** conference talk, Evidence Live, Oxford, UK

- 05/2018 **'Cochrane Evidence for Everyone in German'** conference talk, Austrian Public Health Conference, Vienna, Austria
- 03/2018 **'3-day Cochrane workshop for authors'** invited workshop, Freiburg, Germany
- 03/2018 **'Do abbreviated literature searches change conclusions of evidence syntheses'** conference talk, 19<sup>th</sup> Congress of the German Network EbM, Graz, Austria
- 02/2018 **'Systematic Reviews and Meta-Analyses'** invited workshop for employees, AGES, Vienna, Austria
- 02/2018 **'Critical appraisal of medical studies'** invited workshop for lecturers at the University of Applied Science for Health Professions Upper Austria, Steyr, Austria
- 12/2017 **'Formulating Questions, Selecting Outcomes and the Guideline Development Tool'** invited workshop, WHO, Geneva, Switzerland
- 12/2017 **'Abbreviated literature searches in rapid reviews how do they affect the validity of conclusions?'** invited talk, WHO, Geneva, Switzerland
- 11/2017 **'Authors-Workshop'** invited workshop for lecturers, University of Applied Science for Health Professions Upper Austria, Wels, Austria
- 10/2017 **'Cochrane Systematic Reviews from protocol to review logistics and challenges'** invited workshop, Kazan, Russia
- 09/2017 **'Keynote: In Focus- Evidence-based Practice'** invited keynote talk at 'Gesundheitsberufe - Wege in die Zukunft.', FH Campus Wien, Vienna, Austria
- 09/2017 **'An introduction to rapid reviews: Developing timely evidence summaries for decision makers'** conference workshop, Global Evidence Summit, Cape Town, South Africa
- 06/2017 **'Systematic Reviews and Meta-Analyses'** invited workshop for lecturers, University of Applied Science Joanneum, Graz, Austria
- 05/2017 **'Evidence-based Reporting Critical appraisal of medical studies'** invited workshop for journalists, Medizin Medien, Vienna, Austria
- 04/2017 **'Critical appraisal of medical studies'** invited workshop for lecturers, University of Applied Science for Health Professions Upper Austria, Linz, Austria
- 03/2017 **'Quality over Quantity in Psychology and Medicine'** conference moderation of a symposiums, 18<sup>th</sup> Congress of the German Network EbM, Hamburg, Germany
- 11/2016 'GRADE' invited workshop for employees of the LBI-HTA, Vienna, Austria
- 11/2016 **'Authors-Workshop'** invited workshop for lecturers, University of Applied Science for Health Professions Upper Austria, Linz, Austria
- 10/2016 **'Trading certainty for speed: how much uncertainty are decisionmakers willing to accept when using rapid review? An international survey'** conference talk, 24<sup>th</sup> Cochrane Colloquium, Seoul, Korea

- 10/2016 **'Rapid review programs and methods research: description and discussion of the experiences from among Convenors of the Cochrane Methods Rapid Reviews Group'** conference workshop, 24<sup>th</sup> Cochrane Colloquium, Seoul, Korea
- 10/2016 **'Rapid reviews workshop: developing timely evidence summaries for decision makers'** conference workshop, 24<sup>th</sup> Cochrane Colloquium, Seoul, Korea
- 10/2016 **'Cochrane Opinion making in Medicine'** invited talk, Harbacher Orthopädietage Evidenzbasierte Rehabilitation, Harbach, Austria
- 09/2016 **'Understanding studies tips for journalists'** invited workshop, fjum, Vienna, Austria
- 04/2016 **'Critical appraisal of medical studies'** invited workshop for lecturers, University of Applied Science for Health Professions UA, Linz, Austria
- 03/2016 **'Cochrane a Global Collaboration. Watson Health Day'** invited talk, IBM Global Industry Solution Center, Paris, France
- 12/2015 **'About Cochrane'** and **'Critical appraisal of RCTs'** invited talks, Cochrane Hungary, Debrecen, Hungary
- 10/2015 **'Prevention of Seasonal Affective Disorder Systematic Review and Meta-Analyses'** conference talk, 8<sup>th</sup> European Public Health Conference, Milano, Italy
- 09/2015, **'Workshop Literature Search'** invited workshop for employees of the Upper Austrian Health Insurance Centre (OÖGKK), Linz, Austria
- 06/2015 **'Why study results can be wrong'** invited talk at the 19<sup>th</sup> Summer Academy of Pharmacists, Pörtschach, Austria
- 01/2015 **'3-day Cochrane workshop for authors'** invited workshop, Freiburg, Germany
- 03/2014 **'Immediate vs. extended release second-generation antidepressants in the treatment of major depressive disorder – a systematic review'** conference talk, 22<sup>nd</sup> European Congress of Psychiatry, Munich, Germany
- 11/2013 **'Barriers and facilitators in the implementation of interventions to prevent publication bias'** invited talk, methods seminar, Danube University Krems, Austria
- 11/2012 **'Levels of evidence of scientific publications'** invited talk, University of Applied Science Kärnten, Klagenfurt, Austria