


PERSONAL INFORMATION

Krisztina Boda



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 <http://www2.szote.u-szeged.hu/dmi/index.php/component/content/article?id=99> (in Hungarian)

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Sex female | Date of birth 16/06/1948 | Nationality Hungarian

WORK EXPERIENCE

 2014 **honorary professor**

Department of Medical Physics and Informatics, University of Szeged (6720 Szeged, Korányi fasor 9. Tel/Fax: +36-62-545-077)

- teaching biostatistics
- research (teaching biostatistics using statistical software, applied research)

 2001-2013 **mathematician, senior research associate**

Department of Medical Physics and Informatics, University of Szeged (6720 Szeged, Korányi fasor 9. Tel/Fax: +36-62-545-077)

- teaching biostatistics - coordination
- research (teaching biostatistics using statistical software, applied research of ANOVA models)
- research projects (TÁMOP, INTERREG)

 1991 - 2001 **mathematician, research associate**

Department of Medical Physics and Informatics, University of Szeged (6720 Szeged, Korányi fasor 9. Tel/Fax: +36-62-545-077)

- teaching biostatistics
- research (teaching biostatistics using statistical software, applied research)

 1974 - 1991 **mathematician, assistant professor**

University of Szeged

 1970 - 1974 **teacher of mathematics, office assistant**

High School of Szeged

EDUCATION AND TRAINING

 1999-2009 **Habilitation**

University of Szeged, Medical Faculty (certificate SZOTE, 5/2009.)

 1984-1999 **Ph.D. degree**

University of Szeged, Medical Faculty, summa cum laude (certificate: SZOTE, 56/1999.)
„Application of biostatistical methods in neuropsychiatric studies”

 1974-1984 **University doctoral degree**

József Attila University (today: University of Szeged), Faculty of Science
„Applications of statistical pattern-recognition methods to medical diagnostic problems” (certificate: JATE TTK, 260/1984)

 1970-1974 **Program planner mathematician**

József Attila University (today: University of Szeged), Faculty of Science

 1966-1970 **teacher of mathematics and drawing**

High School of Szeged

TEACHING STATISTICS

Joint Program for European Medical Studies, JPEMS (Nantes, France)

Faculty of Medicine, University of Nantes
invited lecturer (2012, 2014) <http://www.jpems.eu/>

2014 Joint Program for European Medical Studies, JPEMS (Angers, France)

Faculty of Medicine, University of Angers
invited lecturer (2013) <http://www.jpems.eu/>

MEMBERSHIP

- 1992- International Society for Clinical Biostatistics (ISCB), 2008-2012 Executive Committee member
- 1992- Hungarian National Group of ISCB, secretary 2000-
- 1994-2013 Hungarian Biological Society
- 1974- Neumann János Computer Society

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

| | UNDERSTANDING | | Other language(s) | | UNDERSTANDING |
|------------------------------|-----------------------|----------------|-----------------------|----------------|-----------------------|
| | Listening | | Listening | | Listening |
| English | C1 (Proficient user) | English | C1 (Proficient user) | English | C1 (Proficient user) |
| B (02738/1991) medium level. | | | | | |
| French | B2 (Independent user) | French | B2 (Independent user) | French | B2 (Independent user) |
| (753/1970) medium level | | | | | |
| German | A2(Basic user) | A2(Basic user) | A2(Basic user) | A2(Basic user) | A2(Basic user) |
| Russian | A2(Basic user) | A2(Basic user) | A2(Basic user) | A2(Basic user) | A2(Basic user) |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Digital competence

| SELF-ASSESSMENT | | | | |
|------------------------|------------------|------------------|------------------|------------------|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Independent user | Independent user | Independent user | Independent user | Independent user |

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

 ADDITIONAL INFORMATION

Publications

Impact factor: **195,7**
Independent citations **683**

Selected publications

1. **Boda K.**, Pap Á.: Diagnostics of pancreatic insufficiency using multivariate statistical and pattern recognition methods., *Comput. Biol. Med.* 1984, 14/1: 91-97.
2. **Boda K.**: Computer Assisted Teaching of Biostatistics at the Medical University of Szeged Proceedings of the Fourth International Conference on Teaching Statistics, 25-30 July 1994, Marrakech, Morocco, pp.450.
3. **Boda K.**, Kálmán J., Janka Z.: Application of Repeated Measurement ANOVA Models to Examine the Effect of Intravenous Lactate Infusion in Alzheimer's Disease., *MEDINF' 2003*, Oct. 9 - 11, October 9 - 11, 2003, Craiova, Romania, *Craiova Medical Journal*, ISSN 1454-6876, Vol. 5, Sup. 3: 292-295.
4. Kovács P., Mátyás Sz., **Boda K.**, Kaali S.G.: The effect of endometrial thickness on IVF/ECSI outcome., *Human Reproduction* 2003 18(11), 2337-2341
5. Szűcs M, **Boda K.**, Gintzler AR.: Dual effects of Tyr-D-Ala-Gly-(NMe)Phe-Gly-ol (DAMGO) and D-Phe-Cys-Tyr-D-Trp-Arg-Thr-Pen-Thr-NH₂ (CTAP) on adenylyl cyclase activity; implications for {micro}-opioid receptor Gs coupling. *J Pharmacol Exp Ther.* 2004 310(1): 256-62.
6. Antal J., **Boda K.**, Gachályi B., Hajtman B., Lakner G., Lang Zs., Reiczigel J., Singer J., Vargha P., Vereczkey L. (szerk.: Lakner Géza, Gachályi Béla, Singer Júlia): *Klinikai farmakológia Biostatistikai fogalomtárral*, Springmed Kiadó Kft, 2005. Könyvfejezet
7. von Ungern-Sternberg BS., **Boda K.**, Schwab C., Sims C., Johnson C., Habre W.: Laryngeal mask airway is associated with an increased incidence of adverse respiratory events in children with recent upper respiratory tract infections., *Anesthesiology* 2007 107(5):714-9.
8. **Boda K.**, Kovács P.: Application of multivariate analyses to find predictors of multiple gestations following in vitro fertilization, 27th Annual Conference of the International Society for Clinical Biostatistics Geneva Switzerland 27-31 August 2006. CS03.2, pp. 44.
9. Nagy E., Watine J., Bunting P. S., Onody R., Oosterhuis W. P. , Rogic D., Sandberg S. , **Boda K.**, and Horvath A. R.: Do Guidelines for the Diagnosis and Monitoring of Diabetes Mellitus Fulfill the Criteria of Evidence-Based Guideline Development? *Clin. Chem.* 2008 54: 1872-1882
10. von Ungern-Sternberg BS., **Boda K.**, Chambers NA., Rebmann C., Johnson C., Sly PD., Habre W. Risk assessment for respiratory complications in paediatric anaesthesia: a prospective cohort study. *LANCET* 376, 773-783, 2010

Teaching materials

Boda K., Karsai J., *Exercises and Problems in Mathematics for first grade pharmacy students*, university book, SZOTE, 1987.
 Boda K., Eller J., Nyári T.: *Biostatistical methods (In Hungarian)*. Szeged, 1998-99.
 Boda K., *Comparison of groups (In Hungarian)*. Kempelen Farkas Digitális Tankönyvtár elektronikus tankönyv, 8. fejezet <http://www.hik.hu/tankonyvtar/site/books/b163/fejezet8.html>
 Boda K.: *Biostatistics, statistical software*, CD-ROM, Univ. of Szeged, 2008.