

# Curriculum Vitae

Pál Burai

University of Debrecen, Faculty of Informatics  
Applied Mathematics and Probability Theory

## Personal data

**Name:** Burai Pál

**Languages:** Hungarian (mother tongue), English (advanced)

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## Languages

Hungarian (mother tongue)

English (advanced)

German (basic)

## Education

**M.Sc. in mathematics**, University of Debrecen, 2003. *Functional equations involving means (in Hungarian)*, supervisor: Zoltán Daróczy.

**Ph.D. in mathematics**, University of Debrecen, 2008. *Functional equations involving means (in Hungarian)*, supervisor: Zoltán Daróczy.

**Habilitation**, University of Debrecen, 2015. *Nonlinear optimization, functional equations and generalized convexity*.

## Professional experience

**Teaching assistant** , University of Debrecen, 2002- 2003,

**Ph.D. scholar** , University of Debrecen, 2003- 2006,

**Assistant lecturer** , University of Miskolc, 2006- 2007,

**Assistant lecturer** , University of Debrecen, 2007- 2008,

**Assistant professor** , University of Debrecen, 2008-2015,

**Associate professor** , University of Debrecen, 2015- .

## Teaching experience

**For mathematicians:** Analysis 1-2-3, Differential equations, Nonlinear optimization, Linear programming, Numerical mathematics

**For engineers:** Mathematics 1-2

**For IT students:** Calculus 1-2, Operation research, Nonlinear optimization, Applied mathematics, Information and coding theory, Game theory, Discrete mathematics

## Grants and scholarships

**Summer scholarship**, University of Debrecen, 2001,

**Summer scholarship**, University of Debrecen, 2002,

**Pro regione scholarship**, University of Debrecen, 2004-2005,

**OTKA Grant**, *Functional equations and inequalities*, University of Debrecen, investigator, 01.07.2007.- 31.07.2010.,

**Junior Trimester Program on Analysis**, *Topics in the theory of functional equations*, Hausdorff Center for Mathematics, Bonn, investigator, 01.09.2008.- 31.12.2008.,

**OTKA Grant**, *Functional equations and inequalities*, University of Debrecen, investigator, 01.07.2010.- 30.06.2014.,

**OTKA Mobility Grant, "Marie Curie action",** *Mathematical programming problems in Banach spaces and optimal control of partial differential equations*, Technical University Berlin, Berlin, principal investigator, 01.09.2011-31.08.2013.,

**Magyary Zoltán Postdoctoral Grant,** *Nonlinear programming in normed- and Banach spaces*, University of Debrecen, principal investigator, 01.09.2013-31.12.2014.,

**OTKA Grant,** *Functional equations and inequalities*, University of Debrecen, investigator, 01.01.2015.- 31.12.2018.

## Other scientific activities

**Reviewer:** MathSciNet, Zentrallblatt

**Refereeing service:** Aequationes Mathematicae, Miskolc Mathematical Notes, Annales Polonici Mathematici, Journal of Mathematical Analysis and Application, Journal of Global Optimization, Nonlinearity, Mathematica Slovaca, Periodica Mathematica Hungarica

**Scientific secretary of international conferences:** Conference on Inequalities and Applications 2014, International Symposium on Functional Equations.