

Sarka Petrickova

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CURRENT POSITION

Lecturer in the Department of Mathematics
University of Illinois at Urbana-Champaign

Fall 2017 – now

EDUCATION

Ph.D. Mathematics 2012–2017

University of Illinois at Urbana-Champaign

Adviser: Prof. Jozsef Balogh

Ph.D. Applied Mathematics 2012–2017

University of West Bohemia

Adviser: Prof. Tomas Kaiser

M.S. Mathematics 2008–2010

University of West Bohemia

Graduated with honors, Dean's award.

B.S. Applied Mathematics 2005–2008

University of West Bohemia

Graduated with honors, Dean's award.

TEACHING

Teaching Assistant 2012–2017

University of Illinois at Urbana-Champaign

Fall 2016: MATH 231 E (Calculus II, Engineering Section)

Fall 2015: MATH 231 E (Calculus II, Engineering Section)

Spring 2015: MATH 231 (Calculus II) - head TA

Fall 2014: MATH 231 E (Calculus II, Engineering Section)

Spring 2013: CS 173 (Discrete Structures)

Fall 2012: MATH 221 (Calculus I)

Spring 2012: MATH 234 (Calculus for Business)

I appeared on the 'List of teachers ranked as excellent by their students' every semester except Spring 2012. In Fall 2016, I received a star (outstanding ratings).

Teaching Assistant 2010–2011

University of West Bohemia

Fall 2011: Linear Algebra; Calculus I; Seminar for Calculus I

Spring 2011: Fundamental Mathematics II

Fall 2010: Calculus I

OTHER EXPERIENCE

- PI4: Computational Bootcamp** May 26 – June 9, 2017
University of Illinois at Urbana-Champaign
Objective: Data Analysis in R and Python.
- Internship: Math Modeling in Biological Sciences** Summer 2016 & 2017
National Center for Supercomputing Applications, UIUC
Summer internship in data analysis and model fitting.
- Voluntary Math Tutor and Workshop Facilitator** 2013–2014
Education Justice Project (Danville Correctional Center)
Workshops: Introduction to Graph Theory, Programming in Python.
- Certificate program Industrial Design** 2008–2010
University of West Bohemia
Objective: 3D Modelling, Industrial Design, Ergonomics, Final Project.

FELLOWSHIPS

- Dr. Lois M. Lackner Mathematics Fellowship** 2013–2017
University of Illinois at Urbana-Champaign
Fall 2013, Spring 2014, Spring 2016, Spring 2017
- Scholarship from The EEA Grants and Norway Grants** Fall 2009
University of Tromso, Norway