

CV

Mikhail Shubin
PhD student
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Academia

Doctoral student in the University of Helsinki (since 2011), writing PhD thesis on Bayesian inference for spatio-temporal models. Member of [Bayesian Statistics Group](#), research group lead by Jukka Corander.

Scientific publications:

- 2016 *Shubin et. al.*: Revealing the true incidence of pandemic A(H1N1)pdm09 influenza in Finland during the first two seasons - an analysis based on a dynamic transmission model. *PLOS Computational Biology*
- 2015 *Vehkala, Shubin et. al.*: Novel R Pipeline for Analyzing Biolog Phenotypic Microarray Data. [PLOS ONE](#)
- 2014 *Reuter et. al. (I'm a minor author)*: Parallel independent evolution of pathogenicity within the genus *Yersinia*. [PNAS](#)
- 2013 *Shubin et. al.*: Estimating the burden of A(H1N1)pdm09 influenza in Finland during two seasons. [Epidemiology and Infection](#)

Research experience:

- 2015 Nokia Networks (Finland); Modelling network data traffic
- 2011- University of Helsinki (Finland); Bayesian modelling, Ecological modelling, data analysis
- 2010- National Institute for Health and Welfare (Finland); Modelling of Influenza epidemic

Education:

- 2011 MS in Bioinformatics University of Helsinki, Finland
- 2009 MTech in Computer Science RSAAT, Rybinsk, Russia

Programming

I was working for 3 years as a software developer (2007-2009), writing book-keeping applications (data bases and user interfaces). Got to the Russian finals of ACM (student programming competition) twice (2008 and 2009). Love coding so much I'm making a [computer game](#) on my spare time.

Languages:

- Proficient Python, R
- Familiar with C, Fortran, MATLAB, WinBugs, ActionScript, Prolog

Organizing

Co-organized the events:

2016	Helsinki Statistics Day
2015	Helsinki Statistics Day
2014	Bio Bayes Seminar

Co-organizer and a frequent participant of the [Helsinki Statistics Club](#) (2013-2015).

Teaching

Love teaching and enjoy giving public speeches. In 2014 I have attended an intensive course on effective small group teaching. I was a teaching assistant for the courses:

Bayesian theory with applications	2015
Bayesian Inference	2012, 2013, 2014
Artificial Neural Networks	2008

Visualization and Art

I'm very interested in scientific visualization and even have a [blog about it!](#)

Doing pixel art and fine art. I post my works [here](#). Some of my oldest pictures can be found [here](#) and [here](#).

Short summary of my Life so far

