

NANTAWAT UDOMCHATPITAK

Department of Mathematics, Mahidol University, Thailand
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EDUCATION

2014 – 2019	University of California, San Diego, Ph.D. in Mathematics Specialization: Probability <i>Advisor: Jason Schweinsberg</i>
2010 – 2014	Brown University, Sc.B. in Mathematics (Magna Cum Laude)
2009 – 2010	Tabor Academy (Cum Laude)
2003 – 2009	Suankularb Wittayalai School, Thailand

AWARDS

May 25, 2014	David Howell Premium for Excellence in Mathematics and Natural Philosophy for Outstanding Achievement in Mathematics (Brown University)
May 29, 2010	The Kern Prize for Excellent in Advanced Mathematics (Tabor Academy)

SHORT-TERM POSITIONS

2016-18 Summer	Research assistant under supervision by Jason Schweinsberg
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TEACHING EXPERIENCE

TEACHING ASSISTANT - hold instructional session, office hours, and grade both homework and exam

2019 Spring	MATH 280C – Probability
2019 Winter	MATH 280B – Probability
2018 Fall	MATH 280A – Probability
2018 Spring	MATH 285 – Stochastic Processes
2018 Winter	MATH 154 – Discrete Mathematics & Graph Theory
2017 Fall	MATH 20A – Calculus & Analytic Geometry
2017 Spring	MATH 11 – Calculus-Based Probability & Statistics
2017 Winter	MATH 109 – Mathematical Reasoning
2016 Fall	MATH 20B – Calculus & Analytic Geometry
2016 Spring	MATH 154 – Discrete Mathematics & Graph Theory
2016 Winter	MATH 20B – Calculus & Analytic Geometry
2015 Fall	MATH 20E – Vector Calculus
2015 Winter	MATH 20C – Calculus & Analytic Geometry

PUBLICATIONS

1. *The Effect of Recombination on the Speed of Evolution* (submitted to Latin American Journal of Probability and Mathematical Statistics)

RESEARCH WORKS PRESENTED IN CONFERENCE

1. *The Effect of Recombination on the Speed of Evolution* (Poster). Interacting Particle Systems, Statistical Mechanics, and Related Topics. UCLA, California, USA. March 7-9, 2019.
2. *The Effect of Recombination on the Speed of Evolution* (Poster). Seminar on Stochastic Processes. University of Utah, Utah, USA. March 13-16, 2019.

RESEARCH INTERESTS

Stochastic model in population genetics, with special interest on the benefits of recombination. I am also interest in stochastic models related to infectious diseases, in immunology, in finances, and in statistical mechanics.