

# MYEONGJONG KANG

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## EDUCATION

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Texas A&M University  
*Ph.D. in Statistics*

*College Station, TX, USA*  
August 2018 - Present

- Advised by Dr. Matthias Katzfuss.

Seoul National University  
*M.Sc. in Statistics*

*Seoul, South Korea*  
March 2015 - August 2017

- Advised by Dr. Byeong U. Park.
- Thesis: *Positive definite nonparametric regression with application to covariance function estimation*

Seoul National University  
*B.Sc. in Statistics and Mathematical Sciences (Double Major)*

*Seoul, South Korea*  
March 2008 - February 2013

- Graduated *Cum Laude*.

## HONORS AND AWARDS

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William S. Connor Award

2020

- Presented by the faculty of the Department of Statistics at Texas A&M University.

Eminence Scholarship

March 2009 - March 2010

- Granted by Seoul National University.

Samsung Scholarship

March 2008 - September 2012

- Granted by Samsung SDS.

## WORK AND RESEARCH EXPERIENCE

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Statistical Research Institute, Seoul National University  
*Research Associate*

*Seoul, South Korea*  
September 2017 - December 2017

- Participated in the project entitled “Development of Crime Program and Platform based on Big Data,” funded by the Center for Research and Development of Police Science and Technology.
- Collaborated with the Korean National Police Agency under the supervision of Dr. Byeong U. Park and Dr. Chae Young Lim.

Capital Brigade Artillery Headquarter, ROK Army  
*Sergeant*

*Siheung, South Korea*  
April 2013 - January 2015

Nonparametric Inference Lab., Seoul National University  
*Undergraduate Research Assistant Intern*

*Seoul, South Korea*  
December 2010 - June 2011

- Advised by Dr. Byeong U. Park.

## PUBLICATIONS

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- [1] M. Kang, I. Kang, M. Kim, S. Cho, K. Lee, and M. Lee. Research on developing a similarity measure among break-in burglary crimes and its applications. *The Korean Association of Police Science Review*, 20(6):57-82, 2018. (Written in Korean)

## TALKS

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- [1] “Correlation-based sparse Cholesky factorization for nonisotropic Gaussian processes,” 2020, contributed poster presentation, Joint Statistical Meetings (Virtual JSM 2020)

## TEACHING EXPERIENCE

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STAT 303: Statistical Methods (Sole instructor) Department of Statistics, Texas A&M University	<i>College Station, TX, USA</i> Spring 2021
STAT 303: Statistical Methods (Sole instructor) Department of Statistics, Texas A&M University	<i>College Station, TX, USA</i> Fall 2020

## TEACHING ASSISTANT EXPERIENCE

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STAT 302: Statistical Methods Department of Statistics, Texas A&M University	<i>College Station, TX, USA</i> Spring 2020
STAT 201: Elementary Statistical Inference Department of Statistics, Texas A&M University	<i>College Station, TX, USA</i> Fall 2019
STAT 211: Principles of Statistics Department of Statistics, Texas A&M University	<i>College Station, TX, USA</i> Spring 2019
STAT 211: Principles of Statistics Department of Statistics, Texas A&M University	<i>College Station, TX, USA</i> Fall 2018
Big Data Special Course Statistical Research Institute, Seoul National University	<i>Seoul, South Korea</i> February 2017
Regression Analysis and Lab. (326.313) Department of Statistics, Seoul National University	<i>Seoul, South Korea</i> Spring 2016
Big Data Special Course Statistical Research Institute, Seoul National University	<i>Seoul, South Korea</i> February 2016
Sampling Design and Survey Practice (326.214) Department of Statistics, Seoul National University	<i>Seoul, South Korea</i> Fall 2015
41th SAS Open Course Statistical Research Institute, Seoul National University	<i>Seoul, South Korea</i> August 2015

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	R, Python, C/C++, Fortran, $\text{\LaTeX}$
<b>Software</b>	SAS, MS office, Hancom office
<b>Languages</b>	Korean, English

## REFERENCE TO CONTACT

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Dr. Matthias Katzfuss

Associate Professor of the Department of Statistics at Texas A&M University

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- Website: <https://sites.google.com/view/katzfuss>

Dr. Byeong U. Park

Professor of the Department of Statistics at Seoul National University

- E-mail: [bupark2000@gmail.com](mailto:bupark2000@gmail.com)
- Website: <https://sites.google.com/view/theostat>

Dr. Chae Young Lim

Professor of the Department of Statistics at Seoul National University

- E-mail: [twinwood@snu.ac.kr](mailto:twinwood@snu.ac.kr)
- Website: <https://limcstat.github.io/>