

# Kibum Moon

38, Deongneung-ro 60ka-gil, Dobong-gu, Seoul, Republic of Korea  
Telephone: +82-10-5236-5339 | E-mail: [a072826@gmail.com](mailto:a072826@gmail.com)  
Homepage: <https://kibum-moon.netlify.app/>

## RESEARCH INTEREST

---

Measurements, Data Psychology, Emotions, Interpersonal Relationships, Positive Psychology

## EDUCATION

---

### Korea University, Seoul, Republic of Korea

M.A. in Clinical Psychology  
Thesis: The Effect of implicit attitude toward a partner on relationship satisfaction and relational conflict  
Advisor: Young-gun Ko, Ph.D.  
GPA: 4.42 / 4.5 (4.0 / 4.0)

Sep. 2015 ~  
Feb. 2018

### Korea University, Seoul, Republic of Korea

B.A. in Psychology  
B.A. in Science Technology Studies (Double Major)  
GPA: 4.24 / 4.5 (3.91 / 4.0)

Mar. 2009 ~  
Feb. 2015

### University of New South Wales, Sydney, Australia

Exchange student in School of Psychology

Feb. 2014 ~  
June 2014

## PUBLICATIONS

---

1. **Moon, Kibum**, Kim, SoJeong., Kim, J.W., Kim, H.J., Ko, Y.G. (2020). The mirror of mind: Visualizing mental representations of self through reverse correlation. *Frontiers in Psychology*, 11, 1149. doi: [10.3389/fpsyg.2020.01149](https://doi.org/10.3389/fpsyg.2020.01149)
2. Kim, Jin-Young, **Moon, Kibum**, Ko, Young-Gun (2020). A Validation of the Korean Version of Adolescent Positive Mental Health Scale. *THE KOREAN JOURNAL OF HEALTH PSYCHOLOGY*, 25(4), 823-834. doi: [10.17315/kjhp.2020.25.4.012](https://doi.org/10.17315/kjhp.2020.25.4.012)
3. Lee, S.J., **Moon, Kibum**, Ko, Y.G. (2019). The Effects of Ego Depletion and Psychological Burden on Fatigue in Everyday Life: Focusing on Narcissism. *Korean Journal of Clinical Psychology*, 38(1), 60-69. doi: [10.15842/kjcp.2019.38.1.005](https://doi.org/10.15842/kjcp.2019.38.1.005)
4. Back, I.G., **Moon, Kibum**, Ko, Y.G. (2019). A Validation Study of Mental Health Two-Factor Model: In a Sexual Minority Population. *Korean Journal of Woman Psychology*, 24(4).

## MANUSCRIPTS UNDER REVIEW & IN PREPARATION

---

1. **Moon, Kibum**, Kim, SoJeong, Kim, J.W., Kim, H.J., Ko, Y.G. (*in preparation*). It's in the mind of the beholder: The relationship between mental representation and interpersonal evaluations.
2. **Moon, Kibum**, Lee, H.S., Ko, Y.G. (*preparing to submit again*) Implicit Accommodation to an Angry Romantic Partner: Effects on Romantic Relationship Persistence.
3. Kim, S., **Moon, Kibum**, Kim, J.W., Ko, Y.G. (*under revision at Current Psychology*). The relationship between borderline personality features and prompt emotional recovery.
4. Han, MyoungCheol, Kim, J.W., **Moon, Kibum**, Nam, KiChun, Ko, Y.G., (*under review at Korean Journal of Culture and Social Issues*). The Effects of Gaming Time on Stress.

## CONFERENCE PRESENTATIONS

---

1. **Moon, Kibum** (2020). The impact of COVID-19 on quality education: Focusing on online learning. Oral presentation at the 3<sup>rd</sup> KU Innovation Forum, Seoul, Republic of Korea.

2. **Moon, Kibum**, Ko, Y.G. (2018). Facial Expression Accommodation Predicts Quality and Durability of Romantic Relationships. Poster presentation at the 30<sup>th</sup> APS Annual Convention, San Francisco, U.S.
3. **Moon, Kibum**, Kim, H.J., Kim, SoJeong., Lee, C.R., Ko, Y.G., (2017). Validation study of the Korean version of the Balanced Index of Psychological Mindedness. Poster presentation at the 2017 Fall Conference of Korean Clinical Psychology Association, Seoul, South Korea.
4. Kim, J.W., **Moon, Kibum**, Ko, Y.G., (2020). Clinical Usefulness of Visualizing Mental Representations of Self through Reverse Correlation Method to Assess Depression and Anxiety. Poster presentation at the 32<sup>nd</sup> APS Annual Convention, Chicago, IL, U.S.
5. Kim, J.W., **Moon, Kibum**, Park, J.S., Kim, S.H., Ko., Y.G., (2020). The Relationship between Mental Health and Belongingness Orientation of the Homeless. Poster presentation at the 2020 Spring Conference of Korean Clinical Psychology Association, Online.
6. Lee, J.S., **Moon, Kibum**, Lee, S.G., Han, S.Y., Han, J.H., Kwon, H.J. (2019) Convergence in University Interdisciplinary Education. Oral presentation at 2019 Korea Academy of Complexity Studies, Seoul, Republic of Korea.
7. Park, K.H., Jung, S.Y., **Moon, Kibum**, Pyo, S.H., & Choi, K.H., (2016). Empirically supported treatments in Korea. Oral presentation at the 2016 Spring Conference of Korean Clinical Psychology Association, Chuncheon, Korea

## SCHOLARSHIPS

<b>Research Assistance Scholarship</b>	Spring 2017
Department of Psychology, Korea University	Spring & Fall 2016
Four Semesters, Full tuition (\$23,600)	Fall 2015
<b>KU Alumni Scholarships</b>	Spring 2014
The Alumni association, Korea University / Full tuition (\$4,200)	
<b>Choonpha Hwangchunggha Scholarships</b>	Fall 2013
The Choonpha Hwangchunggha Scholarship Foundation Full tuition (\$4,200)	
<b>Sung Ryun Scholarships</b>	Spring 2013
The Sung Ryun Scholarship Foundation Full tuition (\$4,200)	
<b>Study Scholarships</b>	Fall 2014
Korea University	Fall 2012
Awarded for high GPA (\$1,000 / \$1,100)	
<b>The Welfare Section Scholarships</b>	Spring 2010
Korea University Awarded for volunteer activity (\$1000)	
<b>Honors Scholarships</b>	Spring 2009
Department of Psychology, Korea University Top 1% GPA student in the department 35% of tuition (\$1250)	

## ACADEMIC HONORS & AWARDS

<b>Participation Award in AI Hub Data Utilization Idea Competition</b>	Nov. 2019
National Information Society Agency (NIA)	
<b>Best Oral Presentation Award</b>	April 2016
Korean Clinical Psychology Association (KCPA)	
<b>Semester High Honors</b>	Fall 2014
Department of Psychology, Korea University	Spring & Fall 2013
Students with a GPA of over 4.0	Spring & Fall 2009

## WORK & RESEARCH EXPERINCE

<b>Data Scientist</b> (full-time employee) Office of Digital Information, Korea University Advisor: Gyu-Tae Kim. Ph.D. <ul style="list-style-type: none"><li>Developed an AI based recommendation model of Liberal Arts courses for university students</li><li>Developed a network model to identify alienated college students who are at higher risk for mental health problems Demo: <a href="https://a072826.github.io/kibum_moon/network_analysis.png">https://a072826.github.io/kibum_moon/network_analysis.png</a></li><li>Hosted R programming and advanced statistics workshops</li></ul>	Oct. 2019 ~ Present
<b>Clinical Researcher</b> (part-time employee) Student Counseling Center, Korea University Advisor: Young-gun Ko. Ph.D. <ul style="list-style-type: none"><li>Built Shiny web applications with R to provide interactive reports of psychological assessments Demo (Korean): <a href="https://a072826.github.io/kibum_moon/19_2_KUSCC.html">https://a072826.github.io/kibum_moon/19_2_KUSCC.html</a></li><li>Conducted research on visualizing mental representations of self by using the reverse correlation method, and examining the relationship between the quality of mental representations of self and self-image</li><li>Conducted network analysis of junior high school classes and built Shiny web applications using R to visualize the analyzed results Demo (Korean): <a href="https://a072826.shinyapps.io/hwasoon_network/">https://a072826.shinyapps.io/hwasoon_network/</a></li><li>Programmed online and offline experiments using Python and PsychoPy (powered by Pavlovia.org for online experiments)</li><li>Hosted R programming workshops</li></ul>	Feb. 2019 ~ Sep. 2019
<b>Post-Master Research Associate</b> (part-time employee) Mentoring Counseling Center of Korea University College of Liberal Arts Advisor: Young-gun Ko. Ph.D. <ul style="list-style-type: none"><li>Analyzed ESM (Experience Sampling Method) data sets to examine moderating effectS by using multilevel modeling</li><li>Participated in government-funded research developing social intelligence assessment for college students</li><li>Produced dynamic facial stimuli from standardized facial stimuli set via face morphing method using Python</li><li>Hosted R programming workshops</li></ul>	Mar. 2018 ~ Jan 2019
<b>Clinical Psychology Master's Program Student</b> Department of Psychology, Korea University Advisor: Young-gun Ko. Ph.D. <ul style="list-style-type: none"><li>Conducted research on the impact of implicit and explicit accommodative behavior on romantic relationship satisfaction and persistence by employing automated facial coding software (Affdex, Affectiva Inc.)</li><li>Conducted a validation study of the Balanced Index of Psychological Mindedness (Korean Version)</li></ul>	Sep. 2015 ~ Feb. 2018

## PROESSIONAL SKILLS

### Programming Languages & Statistical Software

R, Python, SQL, Markdown, Tableau, Power BI, Latex, JavaScript, HTML, Matlab, M-Plus, etc,

### Statistical Analyses

Multilevel Modeling, Structural Equation Modeling, Generalized Regression Models, Bayesian Inference, Actor-Partner Independence Model (APIM), Social Network Analysis, Diversity Analysis, Growth Curve Model, Experience Sample Method (SEM), etc.

### Machine Learning

Lasso Regression, Decision Trees, Random Forest, Image Processing, Natural Language Processing, Topic Modeling, tSNE, LDA, UMAP, etc.

### Psychological Assessment (Proficient in implementing & interpretation)

Rorschach Inkblot Test, Korean Wechsler Adult Intelligence Scale-IV, Wisconsin Card Sorting Test, the House-Tree-Person Test (HTP), MMPI-2, Sentence Completion Test (SCT), etc.

**Language Proficiency**

English (fluent), Japanese (intermediate), Korean (native)

**REFERENCES**

---

**Young-Gun Ko, Ph.D.**

Professor  
Department of Psychology  
Korea University

Phone: +82-2-3290-2863

E-mail: [elip@korea.ac.kr](mailto:elip@korea.ac.kr)

Address: 145 Anam-ro, Seongbuk-Gu, Seoul, South Korea, 02841

**Gyu-Tae, Kim, Ph.D.**

Professor  
School of Electrical Engineering  
Korea University

Phone: +82-2-3290-3250

E-mail: [gtkim@korea.ac.kr](mailto:gtkim@korea.ac.kr)

Address: 145 Anam-ro, Seongbuk-Gu, Seoul, South Korea, 02841

**Hackjin Kim, Ph.D.**

Professor  
Department of Psychology  
Korea University

Phone: +82-2-3290-2864

E-mail: [hackjinkim@korea.ac.kr](mailto:hackjinkim@korea.ac.kr)

Address: 145 Anam-ro, Seongbuk-Gu, Seoul, South Korea, 02841