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Research Gate: https://www.researchgate.net/profile/Chaelin_Ra3

EDUCATION

2014-2019	Ph.D	University of Southern California <i>Major: Preventative Medicine</i>	Los Angeles, United States
2010-2012	MPH	Seoul National University <i>Major: Public Health</i>	Seoul, South Korea
2008	DPH	Otago University <i>Major: Public Health</i>	Christchurch, New Zealand
2002-2005	B.A.	University of Canterbury <i>Major: Psychology and Chinese</i>	Christchurch, New Zealand

PEER-REVIEWED PUBLICATIONS

Alexander, A.C., Olurotimi, O., Hébert, E.T., **Ra, C.K.**, Businelle, M.S., & Kendzor, D.E. (2019). Subjective social status indirectly influences short-term smoking cessation through nicotine withdrawal symptoms. *Journal of Health Psychology*, accepted.

Chaelin K. Ra, Jimi Huh, Brian K. Finch, and Youngtae Cho. The impact of perceived discrimination on depressive symptoms and the role of differentiated social support among immigrant populations in South Korea *International Journal for Equity in Health*, 2019. 18(1), 7.

Britni R. Belcher, Jaclyn P. Maher, Nanette V. Lopez, Gayla Margolin, Adam, M. Leventhal, **Chaelin K. Ra**, Sydney G. O'Connor, Tara L. Gruenewald, Jimi Huh, and Genevieve F. Dunton. Dual Versus Single Parental Households and Differences in Maternal Mental Health and Child's Overweight/Obesity." *Maternal and child health journal*, 2019. 23(4) 547-556.

Chaelin K. Ra, Junhan Cho, Matthew M. Stone, Julianne J. Delacerda, Nicholas I. Goldenson, Elezabeth Moroney, Irene Tung, Steve S. Lee, and Adam M. Leventhal. Association of High-Frequency Digital Media Use and Occurrence of Attention Deficit/Hyperactivity Disorder in Adolescence. *Journal of the American Medical Association*, 2018. 320(3):255-63.

Jaclyn P. Maher, **Chaelin K. Ra**, Adam M. Leventhal, Donald Hedeker, Jimi Huh, Chih-Ping Chou, and Genevieve F. Dunton. Mean Level of Positive Affect Moderates Associations between Volatility in Positive Affect, Mental Health, and Alcohol Consumption among Mothers. *Journal of Abnormal Psychology*, 2018.

Minjung Kim, **Chaelin K. Ra**, and Youngtae Cho. "Acculturation and the Mental Health Status of the Immigrants in South Korea". *Journal of the Korean Convergence Society*, 2017. 8 (9), 183-190.

Jaclyn P. Maher, **Chaelin K. Ra**, Sydney G. O'Connor, Britni R. Belcher, Adam M. Leventhal, Gayla Margolin, and Genevieve F. Dunton. 2017. "Associations Between Maternal Mental Health and Well-being and Physical Activity and Sedentary Behavior in Children." *Journal of Developmental & Behavioral Pediatrics* 38, no. 6: 385-394.

Xiaoyan Zhang, **Chaelin K. Ra**, Donglan Zhang, Yunting Zhang, and Kara E. Macleod. 2016. The impact of school social support and bullying victimization on psychological distress among California adolescents. *Californian journal of health promotion*, 14(2), 56.

Christian J. Cerrada, **Chaelin K. Ra**, Hee-Sung Shin, Eldin Dzibur, and Jimi Huh. 2016. "Using ecological momentary assessment to identify common smoking situations among Korean American emerging adults". *Prevention Science*. 17(7), 892-902.

Chaelin K. Ra, and Youngtae Cho. 2013. "Differentiated effects of social participation components on suicidal ideation across the adult life span in South Korea." *BMC Public Health*. 13:890, doi:10.1186/1471-2458-13-890.

Chaelin K. Ra, Youngtae Cho, and Robert A. Hummer. 2013. "Is Acculturation Always Adverse to Korean Immigrant Health in the United States?." *Journal of Immigrant and Minority Health*, Volume 15, Issue 3, pp 510-516.

Chaelin K. Ra, and Hyunkyung Lee. 2013. "Employment transitions and suicide ideation among the echo generation in South Korea." *Korean Journal of Health Policy and Administration*. 23(4):369-375 | ISSN 1225-4266

Chaelin K. Ra, Changjin Lee, and Myungsoon Yoo. 2013. "Factors affecting suicide ideation among university students." *Korean Journal of Health Education and Promotion*. Vol. 30(1) 1-11.

BOOKS AND REPORTS

[**Book Chapter**] Sanglim Lee, Jiyoung Lim, Eunjung Lee, Youngtae Cho, and **Chaelin K. Ra**. 2014. "Preconception Care and Policy Recommendations for Unmarried Women of Childbearing Age." Korea Institute for Health and Social Affairs. ISBN 978-89-6827-2127.

[**Book**] Youngtae Cho, Choryok Kang, and **Chaelin K. Ra**. 2012. Migrants' Social Integration Policy Education: Volume VI, Migration and Health-Theory to Reality. IOM MRTC Migration Education Series, No. 2011 – 02. IOM Migration Research and Training Centre, Goyang-si, Republic of Korea. ISBN 978-89-97118-0502, ISSN 2234- 0270. * authors listed alphabetically, indicating equal contributions.

[**Report**] Youngtae Cho, Sangmin Park, **Chaelin K. Ra**, and Kidong Ko. 2012. "Research on Immigrant Health Care for Infectious Diseases." Korean Centers for Disease Control and Prevention.

[**Report**] **Chaelin K. Ra** et al. 2011. "Current health-related issues at Seoul National University." 135-164.

MEDIA APPEARANCES

May, 8, 2019 "Commencement 2019: Spotlight on Department of Preventive Medicine graduates, Keck School of Medicine of USC"

<https://hscnews.usc.edu/commencement-2019-spotlight-on-department-of-preventive-medicine-graduates-keck-school-of-medicine-of-usc/>

October 9, 2018. "How one student is discovering the link between modern digital media and ADHD"

<https://publichealthsciences.usc.edu/blog/how-one-student-is-discovering-the-link-between-screens-and-adhd-working-title>

July 7, 2018 – Present. "ADHD in teens linked to digital media use" CNN, The LA Times, The Heralds, etc.

<https://jamanetwork.altmetric.com/details/45143305>

June 21, 2017. "Research Spotlight: School Social Support Mediates the Consequences of Bullying"
<https://openforest.net/research-spotlight-school-social-support-mediates-consequences-bullying/>

December 15, 2013. "Temporary workers more depressed than unemployed" The Korea Times, the Yonhap News and the Chosun Ilbo Newspaper etc.

October 22, 2012. "How to overcome suicidal ideation among students at Seoul National University." The SNU Press. 1842(3), 2.

Hébert, E.T., Ra, C.K., Alexander, A.C., Helt, A., Moisiuc, R., Kendzor, D.E., Funk-Lawler, R.K., Businelle, M.S. (under review) A pilot randomized controlled trial of a mobile just-in-time adaptive intervention for smoking cessation.

MANUSCRIPTS UNDER REVIEW

Hébert, E.T., **Ra, C.K.**, Alexander, A.C., Helt, A., Moisiuc, R., Kendzor, D.E., Funk-Lawler, R.K., Businelle, M.S. (under review) A pilot randomized controlled trial of a mobile just-in-time adaptive intervention for smoking cessation.

Neal Rangu, Sumer G. Frank-Pearce, Adam C. Alexander, Emily T. Hébert, **Chaelin K. Ra**, Darla E. Kendzor, & Michael S. Businelle. (under review) Concussions are associated with non-adherence to psychiatric medications among homeless adults with mental health disorders

Kendzor, D.E. Businelle, M.S., Waring, J., Mathews, A.J., Gellar, D.W., Barton, J., Alexander, A.C., Hébert, E.T., **Ra, C.K.**, Vidrine, J. (under review) Automated Mobile Delivery of Financial Incentives for Smoking Cessation among Socioeconomically Disadvantaged Adults: A Feasibility Study.

MANUSCRIPTS IN PREPARATION

Chaelin K. Ra, Emily, T. Hebert, Adam Alexander, Darla E. Kendzor, and Michael S. Businelle. The States of Homelessness as a predictor of health behaviors and health care service use.

Chaelin K. Ra, Emily, T. Hebert, Adam Alexander, Darla E. Kendzor, and Michael S. Businelle. Using growth curve modelling to elucidate the role of affect in smoking cessation.

Chaelin K. Ra, Emily, T. Hebert, Summer Frank-Pearce, Adam Alexander, Darla E. Kendzor, and Michael S. Businelle. Daily reports of sleep and smoking abstinence: an ecological momentary assessment study.

Chaelin K. Ra, Steve Y. Sussman, Chih Ping Chou, Jennifer Unger, Erik Schott, and Genevieve F. Dunton. The association of affective states and ADHD symptoms in children: moderating effects of physical activity.

Chaelin K. Ra, Chih Ping Chou, Adam M. Leventhal, and Genevieve F. Dunton. Physical activity and mental health among youth: The role of physical activity enjoyment.

PRESENTATIONS

Bhushan, T., Hébert, E.T., Ra, C.K., Frank-Pearce, S.G., & Businelle, M.S. Daily use of nicotine replacement therapy is related to daily smoking status: an ecological momentary assessment study. Poster submitted for presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.

Moisiuc, R., Ra, C.K., Hébert, E.T., Frank-Pearce, S.G., Kendzor, D.E., Gamble, K.L., Cropsey, K.L., & Businelle, M.S. (2020, March). Daily Sleep Duration as a Possible Predictor of Smoke Relapse. Poster submitted for presentation at the annual meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA.

Cole, A. B., Ra, C. K., Frank-Pearce, S. G., Hébert, E. T., Kendzor, D. E., & Businelle, M. S. High Nicotine Dependence at Baseline Predicts Changes in Depression During a Smoking Cessation Attempt. Submitted to the Society of Behavioral Medicine 2020 Annual Meeting. San Francisco, CA. April 1-4, 2020.

Chaelin K. Ra, Emily, T. Hebert, Adam Alexander, Darla E. Kendzor, and Michael S. Businelle. Using growth curve modelling to elucidate the role of affect in smoking cessation. Poster presentation accepted to the Society of Behavioral Medicine 2020 Annual Meeting. San Francisco, CA. April 1-4, 2020.

Chaelin K. Ra, Emily T. Hébert, Summer Frank-Pearce, Rachel Moisiuc, Adam C. Alexander, Darla E. Kendzor, Karen Gamble, Karen Cropsey & Michael S. Businelle. Daily Reports of Sleep and Smoking Abstinence: An Ecological Momentary Assessment Study. The Society of Behavioral Medicine Conference, Oral presentation accepted, 2020.

Jaclyn P. Maher, **Chaelin K. Ra**, Adam M. Leventhal, Donald Hedeker, Jimi Huh, Chih-Ping Chou, and Genevieve F. Dunton. Variability in Positive Affect, Alcohol Consumption and Mental Health among Mothers. The Society of Behavioral Medicine Conference, New Orleans, April, 2018.

Chaelin K. Ra, Julianne J. Delacerda, and Adam M. Leventhal. Association of Electronic Media Use and ADHD Status in Adolescence. The 9th Annual USC Graduate Research Symposium, Los Angeles, April 5, 2017.

Genevieve F. Dunton, Jaclyn P. Maher, **Chaelin K. Ra**, Eldin Dzubur, Wangjing Ke, Reout Arbel, Tara L. Gruenewald, and Gayla T. Margolin. Examining daily stress, diurnal cortisol, and physical activity in children using ecological momentary and ambulatory assessment. 2017. The 5th Biennial Conference of the Society for Ambulatory Assessment, Luxembourg.

Chaelin K. Ra, Adam M. Leventhal, and Genevieve F. Dunton. Physical activity and suicide ideation among youth: The role of physical activity enjoyment. 2017. The 38th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine. Mar. San Diego, California.

Genevieve F. Dunton., Sydney G. O'Connor, Britni R. Belcher, Jaclyn P. Maher, **Chaelin K. Ra**, and Sue M. Schembre. Associations of physical activity and sedentary behaviors with dietary intake in children measured by accelerometer and 24-hour dietary recall. 2016. The International Congress of Behavioral Medicine. Dec. Melbourne, Australia.

Chaelin K. Ra, Jaclyn Maher, Donald Hedeker, Eldin Dzubur, and Genevieve F. Dunton. Applying Mixed Effect Location Scale Modelling to Investigate relations between Positive Affect and Obesity in Mothers. The 38th International Association of Time Use Research Conference, Seoul, South Korea, July 21, 2016.

Christian J. Cerrada, **Chaelin K. Ra**, Hee-Sung Shin, Eldin Dzubur, and Jimi Huh. 2016. "Using ecological momentary assessment to identify common smoking situations among Korean American emerging adults". The Society of Behavioral Medicine 2016 Annual Meeting, Washington DC, United States, April 30, 20

Chaelin K. Ra, Jimi Huh, and Youngtae Cho. "Discrimination and depression among immigrants in South Korea." The Society of Behavioral Medicine 2015 Annual Meeting, San Antonio, United States, April 24, 2015.

Minjeong Kim, **Chaelin K. Ra**, and Youngtae Cho. "Investigation of Acculturation and Mental Health Status of Immigrants in South Korea, an Emerging Destination Country." The Population Association of America 2015 Annual Meeting, San Diego, United States, May 1, 2015.

Chaelin K. Ra, and Hyunkyung Lee. "Employment transitions and mental health among the echo generation in South Korea." The Korean Society of Health Policy and Administration 2013 Annual Meeting, Pusan, Korea, November 8, 2013.

Chaelin K. Ra. "Suicidal Ideation and the level of social engagement among the elderly in South Korea." The Korean Society for Preventive Medicine 2013 Annual Meeting, Pusan, Korea, October 25, 2013.

Chaelin K. Ra, and Youngtae Cho. “Differentiated effects of social participation components on suicidal ideation across the adult life span in South Korea.” The 27th IUSSP International Population Conference, Pusan, Korea, August 26, 2013.

Chaelin K. Ra, and Youngtae Cho. “Social Participation and Suicide Ideation”. The Population Association of Korea Conference 2012, Pusan, Korea, September 9, 2012.

Chaelin K. Ra, and Youngtae Cho. “Acculturation and Asian Immigrant Health in the United States”. The 2nd Asian Population Association (APA) Conference 2012, Bangkok, Thailand, August 25, 2012.

Chaelin K. Ra “Risk and Mitigating Factors associated with Suicide Ideation among Seoul National University Students”. The 1st School of Public Health Association of Korea 2012 Annual Meeting, Seoul, Korea, June 30, 2012.

Chaelin K. Ra, and Youngtae Cho. “Impact of Social Engagement on Suicide Ideation among Adult Seoul Residents: Different Mechanisms by Age.” (Workshop). The 11th International Conference on Philosophical Practices and the 4th International Conference on Humanities Therapy (XI-ICPP&HT2012), Kangwon, Korea, July 18, 2012.

Chaelin K. Ra “Suicide Ideation among University Students”. The Associated Symposium with Kangwon National University and Seoul National University, Kangwon, Korea, January 21, 2012.

Chaelin K. Ra, and Youngtae Cho. “Is Acculturation Always Adverse to Korean Immigrant Health in the United States?”. Southern Demographic Association (SDA) 2011 Annual Meeting, Tallahassee, FL, United States, October 20, 2011.

RESEARCH EXPERIENCE

- | | |
|------------------------------|---|
| May, 2015 – Aug, 2017 | Data Manager , MATCH study with Dr. Genevieve F. Dunton, Department of Preventive Medicine, Keck School of Medicine of USC, CA, United States
Role: Being involved with data management (accelerometer data, paper-pencil survey data entry and reports, height and weight data, cortisol data) and data request and documentation using R, SAS, SPSS and STATA and responsible for the whole dataset creation. |
| Aug, 2014 – Aug, 2017 | Research Assistant , Novel Statistical Models for EMA Studies of Physical Activity with Dr. Genevieve F. Dunton, Department of Preventive Medicine, Keck School of Medicine of USC, CA, United States
Role: Dealing with data harmonization, Testing software development and Analyses using developed software (mixreg, mixregls, mixregmls and mixor) |
| Aug, 2014 – Apr, 2015 | Research Assistant , Tobacco usage research with Dr. Jimi Huh, Department of Preventive Medicine, Keck School of Medicine of USC, CA, United States
Role: Developing models for intervention, assisting with data management and analyses using SAS, assisting with data collection and involving with the recruitment |
| Aug, 2014 – Nov, 2015 | Research Assistant , Project EX with Professor Steven Yale Sussman, Department of Preventive Medicine, Keck School of Medicine of USC, CA, United States
Role: Being involved with communication with scholars in South Korea and Translating manuals for the project |
| Winter, 2014 | Visiting Scholar , Health Demography Lab, Seoul National University, Seoul, Korea |

- Sep, 2012 – Apr, 2015** **Researcher**, Institute of Health and Environment, Seoul National University, Seoul, Korea
Project Title 1: Research on Health of Immigrant Labors in South Korea
Principal Investigator: Dr. Youngtae Cho
Funding Source: National Research Foundation of Korea
Funding Period: 05/2014-04/2015
Funding Amount: US\$39,500(40,000,000 KRW)
Role: Main researcher
Project Title 2: Research on Immigrant Health Care for Infectious Diseases
Principal Investigator: Dr. Youngtae Cho
Funding Source: Korean Centers for Disease Control and Prevention
Funding Period: 08/2012-12/2012
Funding Amount: US\$39,500(40,000,000 KRW)
Role: Main researcher
- Sep, 2013 – Dec, 2013** **Researcher**, Department of Mental Health Research, Seoul National Hospital, Korean Ministry of Health and Welfare, Seoul, Korea
Role: Involved in data analysis and publication
Project Title: Employment Transitions and Mental Health in South Korea
- Jan, 2011 – Dec, 2011** **Research Assistant**, Korea Institute for Health and Social Affairs, Seoul, Korea
Role: Conducted literature reviews, collected and analyzed data, prepared articles, and reports & presentations

TEACHING EXPERIENCE

- Jan, 2014 – June, 2018** **Lecturer**, Department of Public Health, the Cyber University of Korea, Seoul, Korea
This course provides an introduction of public health course to undergraduate students.
Class size: 88-117
- Mar, 2019** **Guest Lecturer**, Keck School of Medicine, University of Southern California
- Dec, 2018** **Guest Lecturer**, Keck School of Medicine, University of Southern California
- Nov, 2018** **Guest Lecturer**, Keck School of Medicine, University of Southern California
- Oct, 2018** **Guest Lecturer**, School of Social Work, University of Southern California
- Mar, 2018** **Guest Lecturer**, Keck School of Medicine, University of Southern California
- Nov, 2017** **Guest Lecturer**, Keck School of Medicine, University of Southern California
- Jan, 2019 – May, 2019** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
PM320: Biological and Behavioral Basis of Disease
Professor: Ashley Bennett
Class size: 78

- Jan, 2019 – May, 2019** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
PM402: Maternal and Child Health
Professor: Leslie Clark
Class size: 24
- Aug, 2018 – Dec, 2018** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
HP270: Introduction to Global Health
Professor: Laura Ferguson
Class size: 79
Duties: Lectured on digital media and health, led discussion sessions, held office hours, graded assignments
- May, 2018 – Aug, 2018** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
PM501: Foundations in Health Education and Promotion (online)
Professor: Anamara Ritt
Class size: 24
- May, 2018 – Aug, 2018** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
PM563: Organizing and Mobilizing Communities for Public Health (online)
Professor: Anamara Ritt
Class size: 14
- Jan, 2018 – May, 2018** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
PM508: Health Services Delivery (online)
Professor: Welmoed van Dee
Class size: 24
- Jan, 2018 – May, 2018** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
PM402: Maternal and Child Health
Professor: Leslie Clark
Class size: 44
- Aug, 2017 – Dec, 2017** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
HP270: Introduction to Global Health
Professor: Laura Ferguson
Class size: 47
Duties: Lectured on acculturation and health, led discussion sessions, held office hours, graded assignments
- Aug, 2017 – Dec, 2017** **Teaching Assistant**, Department of Preventive Medicine, University of Southern California
PM501: Foundations in Health Education and Promotion
Professor: Kayla De La Haye

Class size: 40

Duties: Lectured on social network and health, led discussion sessions, held office hours, graded assignments

Jan, 2011 - Dec, 2011 **Coordinator,** 27th International Population Conference National Organising Committee of International Union for the Scientific Study of Population (IUSSP), Seoul, Korea
 Successfully organized 1st international organizing committee meeting among 20 IUSSP council members (Peter McDonald, President; Anastasia Gage; Vice President), 4 IUSSP Secretariat members (Mary Ellen Zuppan, Executive Director) and 8 Korean NOC members (Jinho Choi, Secretary General) in Busan 2011
 Role: Organised meetings, managed programs, acted as the main contact point between council members, and translated tasks between English and Korean

AWARDS

March 2020 SRNT 2020 Travel Award – Society for Research on Nicotine and Tobacco Health Disparities Network

April 2012 Park Myung Yoon Award – Scholarship of Seoul National University Alumni Association, Seoul National University
Top Presenter of Thesis Competition at Graduate School of Public Health

December 2011 Dean of Graduate School of Public Health Award, Seoul National University
Excellence Awards of Health Photography Contest from Korean Ministry of Health and Welfare

November 2011 Dean of Graduate School of Public Health Award, Seoul National University
Best Research Team of the Year in Field Studies 2011 (Team Leader)

[Scholarships]

2011 – 2012 BK21(Brain Korea 21) Scholarships from BK Centre for Elderly Health Policy Research, National Research Foundation of Korea

2012 1st Semester Academic Achievement Scholarship, Seoul National University

2012 1st Semester Work Student Scholarship, Seoul National University

2011 2nd Semester Academic Achievement Scholarship, Seoul National University

COMMITTEES & ACHIEVEMENTS

2017 Communication Chair of Health Behavior Research Program at University of Southern California

2016 USC Campus Representative of Health Psychology Div. 38 of American Psychology Association

2016 Communication Chair of Health Behavior Research Program at University of Southern California

2011 Research Team Leader in Field Studies at Seoul National University

2010 International Residential Advisor at Seoul National University

2007 PSYC 434 Class Representative at University of Canterbury

2007 International Assistant at University of Canterbury

2005 Student Mentor at University of Canterbury

2003 CHIN101 Class Representative at University of Canterbury

SERVICE

[Conference Reviews]

Society for Research on Nicotine and Tobacco, Annual Meeting Abstract Submissions, 2016-2019

[Ad Hoc Journal Reviews]

Evaluation & the Health Professions

International Journal of Human Resource Management

Journal of Immigrant and Minority Health

Social Science and Medicine

Substance Use and Misuse

PROFESSIONAL AFFILITATIONS

International Association of Time Use Research

American Psychology Association – Div. 38

Society of Behavioral Medicine

Society for Research on Nicotine and Tobacco Use

Population Association of America

International Union for the Scientific Study of Population

Southern Demographic Association

Asian Population Association

Korean Population Association

Korean Association of Health Economics and Policy

Korean Society for Health Education and Promotion

Korean Society of Health Policy and Administration

Korean Society for Preventive Medicine

Korean Association of Health and Medical Sociology