

[curriculum Vitae]



Jae-Yeon Jung

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Education

2018.9 ~ Present Master's Course, Department of Clothing and Textiles,
Seoul National University.
(graduation expected date: February, 2021)

2014. 3 ~ 2018 Bachelor's degree, Economics & Clothing and Textiles,
Catholic University of Korea.

Awards

- 2017 The Catholic University of Korea, Graduate Fashion Show, The second prize
 - 2017 The Korea society of clothes and textiles, *The fashion merchandising contest*, The second prize
 - 2017, 2016 The Catholic University of Korea, Academic contest of clothing and textiles, The first award
'Development Dior underwear', 'Development Northface IoT merchandising'
 - 2016 The Catholic University of Korea, 'ACE' *The cooperation of learning community*, The first award
'Social Enterprise of mentally disabled 'Bear better' Uniform Production
 - 2016 The Catholic University of Korea, Ethic Leadership Person scholarship
 - 2016 The Catholic University of Korea, Ethic Leadership talent contest, The third prize
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Activities

- 2014~2015 Korea Scholarship Institution, Teenager Mentoring
 - 2014~ 2015 International student leadership club, AIESEC
-Vice president of Incoming exchange.
 - 2015 Private Tutoring to high school student.
 - 2016 ~2017 Volunteering at welfare center for disabled
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Paper

Jae-Yeon Jung, Juho Kang, Seon-Hong Seol, Joo-Young Lee (under review)

'Developing liquid cooling garments to alleviate heat strain of workers in summer and the effects of different cooling temperatures by body regions'

Jung, J. Y., Ku, P., Kim, D. H., Kwon, M. J., Kang, S., Choi, J. Y., & Lee, J. Y. (2019). Development of Firefighters' Personal Protective Clothing with Nomex Honeycomb Fabric and its Protective and Comfort Evaluation. *Fashion & Textile Research Journal*, 21(5), 606-617.

Ko, Y., **Jung, J. Y.**, Kim, H. T., & Lee, J. Y. (2019). Auditory canal temperature measurement using a wearable device during sleep: Comparisons with rectal temperatures at 6, 10, and 14 cm depths. *Journal of thermal biology*, 85, 102410. '

Kim DH, **Jung JY**, Lee JY* (2019) Evaluation of Firefighter Turnout Gear Visibility in Smoke Obscuration and Flame Damage. *Journal of The Korean Society of Living Environmental System* 26(3), 358-373

Kim DH, **Jung JY**, Kim DH, Lee JY* (2019) Effects of Wearing Nomex Body Cooling Garment inside Firefighting Protective Equipment on the Efficiency of Performance During Simulated Firefighters' Tasks. *Journal of The Korean Society of Living Environmental System* 26(1), 9-24

Conference

Jae-Yeon Jung*, Juho Kang, Yelin Ko, Seon-Hong Seol, Joo-Young Lee (2020)

What cooling temperature and which body part are the most effective for alleviating heat strain while walking in warm and humid environments? 5th International Congress on Soldiers' Physical Performance (ICSPP), February 10-14, Quebec City, Canada (Oral)

정재연*, 강주호, 설선홍, 고예린, 강민주, 김현태, 송종현, 유지인, 이새봄, 정혜연, 조은소리, 홍유진, 이주영 (2019) 인체 서열 부담 경감에 효과적인 인체 냉각 부위 및 최적 냉각 온도 탐색. 한국의류학회 추계학술대회, 2019년 10월 19일, 연세대학교, 서울 (Poster)

이주영*, 박준희, 백윤정, 정다희, 고예린, **정재연**, 강주호, 이태경, 이예진, 송은영, 손수영, 권주연, 김선화 (2019) 미세먼지 고농도 시준 방진용 마스크에 대한 인식과 착용행동에서 전국 지역별 차이. 한국의류학회 추계학술대회, 2019년 10월 19일, 연세대학교, 서울 (Oral)

Jae-Yeon Jung*, Ponjun Ku, Do Hyung Kim, Min-Jae Kwon, Jeong-Yoon Choi, Joo-Young Lee (2019) Development and Evaluation of Layered Nomex Honeycomb Fabric Protective Clothing for Firefighters under Extreme Heat. International Conference on Environmental Ergonomics (ICEE), July 7-12, Amsterdam, Netherlands (Poster)

Dahee Jung*, **Jae-Yeon Jung**, Siyeon Kim, Joo-Young Lee (2019) Maximum Exposure Time while Wearing Protective Clothing in Extreme Heat Environment. International Conference on Environmental Ergonomics (ICEE), July 7-12, Amsterdam, Netherlands (Poster)

Yelin Ko*, **Jae-Yeon Jung**, Hyuntae Kim, Joo-Young Lee (2019) Comparisons of Core Body Temperatures during 7-Hour Sleep: Rectal at 6, 10, 14 cm Depth, Ear Canal, and Sublingual Temperatures. International Conference on Environmental Ergonomics (ICEE), July 7-12, Amsterdam, Netherlands (Poster)

정재연*, 구본준, 김도형, 이주영 (2019)

돌발 화재 대응을 위한 아라미드 허니콤 구조 직물 삽입 소방관 특수방화복 개발과 이의 성능 평가. 한국의류학회 춘계학술대회, 2019년 4월 20일, 서울대학교, 서울 (Poster)

정다희*, **정재연**, 김시연, 이주영 (2019)

여름철 폭염 환경에서 개인보호복 착용이 전신 및 국소 발한 반응에 미치는 영향. 한국의류학회 춘계학술대회, 2019년 4월 20일, 서울대학교, 서울 (Poster)

고예린*, 설선홍, 강주호, **정재연**, 이주영 (2019)

액체순환의복을 이용한 10일 간의 단기 열 적응 훈련이 인체 생리 반응에 미치는 영향. 한국의류학회 춘계학술대회, 2019년 4월 20일, 서울대학교, 서울 (Poster)

정재연*, 김시연, 정다희, 이주영 (2018)

여름철 환경에서 전신보호복 착용 시 온열 지각 및 쾌적 인지 : 기온 28, 33, 38°C 에 따른 차이. 한국생활환경학회 추계학술대회, 2018년 12월 1일, 연세대학교, 서울 (Poster)

김도희*, **정재연**, 구본준, 이주영 (2018)

화염 손 마네킹을 이용한 환경 습도별 건조 및 습윤 소방장갑의 열보호 성능 평가. 한국생활환경학회 추계학술대회, 2018년 12월 1일, 연세대학교, 서울 (Poster)

김도희*, **정재연**, 구본준, 이주영 (2018)

화염 및 연기 노출 상황에서 소방복의 가시성 평가. 한국생활환경학회 추계학술대회, 2018년 12월 1일, 연세대학교, 서울 (Poster)

Skill

English : fluent / Korean : Native

Proficient MS office (Words, Excel, Powerpoint)

Utilizable at Photoshop, Illustration, and SPSS