



KAGES NEWSLETTER

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한미 지리정보 및 환경과학 협회 소식지

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From The President

회장 인사말



안녕하세요. KAGES 14 대 회장직을 맡게 된 허미선입니다. 편집장님으로부터 인사말을 부탁 받고 며칠을 진전공공했습니다. 어떻게 이야기를 시작할까? 희망찬 일년을 계획하고 함께 “의씨! 의씨!” 를 외칠 수 있어야 할텐데... 글을 쓰고, 지우고,

또 쓰기를 반복하면서 진즉 글쓰기를 좀 더 열심히 훈련해 둘 것을... 정말 후회가 많았습니다.

2014 년 장학금 심사위원으로 시작해서 그동안 많은 분들을 만났고, 또 많은 사업들에 참가할 수 있게 되어서 영광이었습니다. 학생회원으로 만난 인연은 동료 교수로, 그리고 텍사스 어느 대학에서의 경험담은 제가 몸 담은 대학에서 새로 시작하는 프로젝트의 파일럿이 되기도 했습니다. 제 경험처럼, 다른 모든 회원분들에게도 기회가 되고 소통이 될 수 있는 그런 KAGES 로 남을 수 있기를 바라면서, 걱정 반, 설레임 반으로 회장이라는 중책을 조심스레 시작해 보려 합니다.

무엇보다도 기존에 추진해 온 사업들을 역대 회장님 및 현 이사님들과 함께 유지 발전해 나갈 수 있도록 최선을 다하겠습니다. 학생들의 커리어 개발을 위해서 연간 진행되는 멘토링 프로그램이 이미 올해 8월에 새로운 일년을 시작했고, 장학 사업, 학생 소모임 지원 및 영 포럼 프로그램 또한 지속적으로 진행될 계획입니다. KAGES 윤리위원회에서 회원님들을 위한 세미나를 두 차례 계획하고 있으며, 작년에 새로이 시작한 Affiliated Group Mini Grant 및 KAGES Sponsorship 지원도 계속 시행할 예정입니다. KAGES 를 통한 모든 사업 진행 및 결과는 뉴스레터 및 소셜 미디어를 통해서 멤버들에 투명하게 전달되도록 할 것을 약속 드리며, 멤버 간의 소통 또한 원활하도록 최선을 다 할 것입니다.

특히 올해는 재미한인과학기술자 협회 (Korean-American Scientist and Engineers Association, KSEA)와의 관계를

재정립하는 것을 목표로 하고 있습니다. KAGES 는 오랜동안 KSEA 의 Affiliated Professional Societies (APS) 로 등록이 되어있었지만 정확히 멤버에게 이득이 되는 KSEA 사업을 유치하거나 지원을 받는 등의 성과는 내지 못했었습니다. 이에 회원님들의 회비가 정말 값지게 사용되고, 회원님 각각 혹은 저희 단체 모두에게 유익할 수 있도록 멤버간, KAGES 와 KSEA 간, 혹은 타 분야 전문가와의 교류 가능성을 찾겠습니다.

그동안 COVID19 를 극복하면서 많은 것들이 변했습니다. 어떤 이는 COVID 19가 결국 모두 나쁜 것만은 아니었다고도 하더라도요. 비록 이전 세상의 어떤 일상은 더 이상 일상이 아니지만, 불가능하다고 생각했던 많은 것들이 오히려 “기회”로 혹은 새로운 “일반적인” 것으로 바뀌었으니까요. 시간 및 공간적 한계가 모호해져서 미팅은 화상으로 혹은 결장 대신 녹화된 강의를 각자의 자유시간에 보게 하는 것이 당연시 되는 것처럼 말입니다. 어쩌면 COVID19 가 비켜가고 있는, 그래서 이제는 이겨 내는 법을 알아가고 있는 2022 년. KAGES 회원님들 모두가 조금은 야심차고, 당차게, 어려움을 기회로 만들어 가면서, 새로운 일상을 살아 내시기를 기원합니다.

Greenville, NC 에서 허미선 드림

Dear KAGES members and sponsors,

My name is Misun Hur, and it is my greatest honor to serve as the KAGES President for the 2022-2023 academic year.

My journey with the KAGES began in 2014 as a scholarship reviewer. For over eight years, I met many talented scholars and learned greatly by participating in many events and programs. For example, once a student paper scholarship recipient became a colleague in the same department. The experience of developing an online degree program at a board member's institution laid a solid foundation by providing invaluable lessons for me. I hope every member finds the KAGES an opportunity for professional development and future collaborations, as I had.

This year, we will continue our efforts in the existing projects and services. Mentoring Program began its new cycle in August. KAGES Committees have set their goals for Scholarships, Student Affiliated Group Support, and Young Forum for the year. The Ethics Council will offer two seminars for the KAGES members. We will also continue supporting the members financially through the Affiliated Group Mini-Grant and the KAGES Sponsorship programs. The details of all the actions and news will be shared via newsletters and social media to facilitate the networks and communications among its members and sponsors.

Furthermore, we will reestablish collaborations with the Korean-American Scientist and Engineers Association (KSEA). The KAGES has been one of the Affiliated Professional Societies (APS) of KSEA for many years. However, we failed to utilize this international and interdisciplinary organization's resources, financial assistance, and networking opportunities. Hence, we will actively seek many ways to reconnect KAGES with KSEA this year.

The KAGES board and I appreciate your continuing support. Should you have any suggestions for KAGES, don't hesitate to get in touch with me at hurmi@ecu.edu.

Best regards,

Misun Hur, Ph.D.

Special Contribution

여성 연구자들의 소모임에 대한 소개와 단상(斷想)



이종희
(Jonghee Lee-Caldararo)
PhD Candidate
Department of Geography
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여성 모임이라는 용어는 그 구성원이나 관심 사안의 측면에서 종종 오해를 불러일으키곤 합니다. 저는 오늘 이 글을 통해 KAGES 학생 소모임 FWG (Future for Woman Geographers)를 결성, 운영하면서 품고 있던 개인적 우려와 고민을 되짚어 보고 이를 통해 FWG의 취지와 방향을 KAGES 회원님들께 좀 더 상세하게 알려보고자 합니다.

저는 여성 모임의 존재가 '사적 영역의 공적화'를 장려한다는 데 동의합니다. 저의 예를 볼 때 FWG는 결혼, 임신, 유산, 출산 등을 거치면서 생활 공간에서 맞닥뜨린 정동적 (affectual) 경험을 되돌아보고 거리를 두는 데 도움을 주었습니다. 개인적 경험이라고 치부하고 침묵했던 주제에 대해 이야기하면서 저는 그러한 사적인 경험의 공론화 과정이 제 자신뿐만 아니라 비슷한 경험을 겪었거나 인젠가 비슷한 상황에 처할 다른 이들에게도, 설령 동일한 경험을 할 수 없는 이들에게도 (특히 차이에 대해 민감한 지리학자들에게) 영감을 주고 변화의 동력을 만들어 낼 수 있다는 것을 깨달았습니다. 특히, 다양성과 포괄성을 강조하는 학계의 흐름이나 '슬로우 스칼라십 (Mountz et al., 2015)' 혹은 돌봄의 정치 관한 연구들에 비추어 볼 때, 여성모임인 FWG는 주류의 장에서 소외되었던 이들에게 주제적으로 자신의 과거 경험을 말하고, 공론화할 수 있는 기회를 준다는 점에서 의미가 있습니다. 또한 그렇게 말하여진 경험들을 관통하는 문제를 함께 확인하고, 우리의 인식 저변을 확장하는 것, 더 나아가 이것이 독립된 연구자로서의 정체성 확립과 커리어 개발에 도움이 되도록 지원하는 것이 FWG의 주요한 역할입니다.

그런데 FWG가 이러한 역할을 충분히 다 하기 위해서는 궁극적으로 비여성 연구자들의 관심과 지지가 필요하지 않나 합니다. 많은 이유들 가운데 세 가지를 꼽아보면, 첫째, FWG 안에서 여성 연구자들이 비판적으로 인식하는 대상은 여성의 특수한 경험과 위치를 재생산하는 성차별적 구조와 불합리하지 남성(또는 비여성 주제)이 아닙니다 (Hooks, 2014). 비슷한 맥락에서 둘째, FWG 구성원들은 여성의 문제가 여성들끼리만 공유되어서는 해결될 수 없다고 봅니다. 특히, 성별 임금격차나 고용 및 승진의 제한 같은 구조적 문제보다는 주관적 해석에 따라 달라질 수 있는 일상적인 차별의 경험들은 더 자주, 더 다양한 사람들과 이야기 될 필요가 있을 것입니다. 예컨대 여성들은 사회적 기대나 관습적 사고와 행위뿐만 아니라 생리증후군/임신/환경기 등의 과정에서 겪는 몸의 변화로 인해 본인 자신의 몸으로부터, 자기로부터, 학문의 장으로부터 예기치 않게 소외 되곤합니다. 하지만 침묵과 무관심 속에서 이러한 소외는 개인의 문제로 소급되고 이에 아무도 의도하지 않았고 원치 않았던 '행위자 없는 차별'이 생겨날 수 있습니다. 성별과 무관하게 우리 모두가 여성 개인의 의지나 능력과 무관하게 발생하는 소외를 발견하고, 이를 차별로 인지하는 것, 차별당하는 것 같다는 느낌을 너무 예민하다거나 유난스럽다며 탓하기 보다는 있는 그대로 인정하고 공감하는 것, 불편한 몸의 감각을 맥락적으로 이해하면서 함께 그 근원을 찾아가는 것은 여성의 문제를 해결하는 첫걸음이라 할 수 있을 것입니다. 그리고 이러한 걸음에 여성과 남성(또는 비여성 주제)이 함께 참여하며 이해하는 것이 더 효과적이고 건설적인 해결책을 이끌어낼 것이라 믿습니다.

끝으로 FWG에서 이야기하는 사안들은 여성이기 때문에 겪는 문제 혹은 여성에게만 국한되는 문제가 아닙니다. 우리

모두는 성별과 관계없이 해외에서 활동하는 학자로서 유학생, Asian/Korean 등 다양한 포지셔널리티의 정치지형에서 비롯된 개별적 경험을 가지고 있습니다. 그렇기 때문에 여성 주체의 모든 경험을 여성의 문제로 환원하거나 일반화해서는 안되며 다차원적으로 이해할 필요가 있습니다. 이처럼 사안에 따라서는 비여성 연구자들과 오히려 더 많은 문제를 공유할 수 있고, 더 다양한 시각에서 효과적인 해결방안을 모색할 수 있기 때문에 FWG 는 비여성 연구자들과의 소통과 연대를 기대합니다.

그럼에도 불구하고, FWG 라는 모임이 왜 여성 지리학자의 미래라는 이름으로 명명되었는지, 여성들의 공간으로부터 시작되어야 했는지 자문해보게 됩니다. 모임을 결성할 당시부터 지금까지 저는 우리 모임의 의도나 방향성과 달리 혹시 여성 모임이 존재한다는 사실 자체가 비슷한 주체의식을 바탕으로 소통 창구를 모색하고 있는 남성 연구자들을 역차별하거나 배제하는 결과를 낳는 것은 아닌지 고민이 되었습니다. 이러한 고민의 시작을 곰곰이 짚어보면 제 마음 속에는 저의 경험을 오롯이 이해받지 못할 것이라는 두려움, 여성의 문제를 성차별의 문제로 공론화하는 시도로 인해 누군가의 미움이나 비난을 받을 수 있다는 불안이 자리하고 있는 듯합니다. 또한 저는 제 자신을 굳이 여성 혹은 아시아인으로 정체화하는 게 여전히 석연치 않을 때가 있습니다. 아마도 그건 유학생생활을 시작하기 전까지만해도 제가 여성을 비롯한 다른 방식의 소수적 정체성을 굳이 인지할 일이 많지 않은 엘리트 집단에 소속되어 있었고, 발언권을 갖는데 익숙했기 때문인 것 같습니다. 그래서 제가 겪는 차별적 경험을 저의 능력이 아니라 성별 혹은 인종적문제로 설명하는 것은 어쩐지 이 세상에 내 노력으로 극복할 수 없는 무언가가 있다는 것을 인정하는 것 같은 낙인 또는 패배주의로 받아들여지기도 합니다.

상대적으로 성차별 경험이 적거나 그것을 민감하게 인지하지 못한 저의 침묵이 의도치 않게 다른 여성들이 겪는 차별이 고착화되고 재생산될 수 있다는 것을 최근 들어 새삼 절감하고 있습니다. 또한 제 마음 저변에 자리잡은 이러한 불안, 불편한 마음 그 자체가 어쩌면 여성 모임의 필요성을 시사하는 것이 아닐까 싶습니다. 즉, 주류집단으로부터의 배제에 대한 두려움, '어떤 사안을 여성 혹은 성차별의 문제로 호명하길 꺼리는 이 마음이 우리가 극복해야 할 대상 (Ahmed, 2017) '이러면, 불편한 마음에도 '불구하고'가 아니라 불편한 그 마음 '때문에', 여성을 앞세운 모임에서 먼저 자유롭게 안전하게 여성의 이야기를 시작할 필요가 있다는 결론에 이르게 되었습니다.

2021년 KAGES 운영위원회로부터 정식 승인을 받은 뒤 지금까지 FWG 의 일곱 명의 정규 학생회원들은 학기 중 매월 정기 모임에서 자신의 연구를 소개하거나 각자 관심있는 주제들, 예컨대 돌봄의 정치, 여성 지리학자의 멘토링, 우울증과 외로움의 사회적 맥락, 팬데믹이 여성 학자들에게 끼친 영향 등에 대한 연구를 읽고 토론하였습니다. 지난 가을 및 봄 학기에는 KAGES 의 Student Affiliated Group Mini-

Grant 를 통해 서울대 환경대학원 정현주 교수님, California State University-Long Beach 지리학과 반효원 교수님을 각각 초청하여 좌담회를 성공리에 마쳤습니다. 좌담회는 커리어 개발에 관해 자문을 얻고, 시니어 연구자와 주니어 연구자들 간의 밀도있는 대화를 기대하는 KAGES 회원이라면 누구든지 참여가능한 공개 행사로 기획되었습니다. 이러한 활동을 바탕으로 앞으로 2022-2023 년도 동안 FWG 는 앞서 다룬 주제토론을 확장하고 work-life balance 에 대한 논의를 심화하고자 합니다. 한편, 지리학의 방법론으로서 혹은 우리 스스로의 경험을 이해하는 프레임으로서 페미니즘을 탐색하면서 여성 모임의 의미와 지향점을 좀 더 정확하게 설명할 수 있기를 목표로 하고 있습니다. 이를 위해 최근의 페미니즘 지리학 관련 연구와 기본서를 함께 읽고 이화여자대학교 지리학과 이영민 교수님을 좌담회 연사로 초대하는 등 페미니즘에 대해 다각도로 접근할 예정입니다.

FWG 는 관심 있는 KAGES 학생회원들의 참여를, 성별에 관계없이, 기다립니다 ([지원서 링크](#)). 다른 KAGES 회원님들도 이처럼 여성 지리학자의 미래를 고민하는 FWG 의 활동이 궁극적으로 모든 지리학자의 미래를 고민하는 일이 될 수 있음을 이해하고 응원을 해주시길 부탁드립니다. FWG 에 대한 추가 질문이나 조언의 말씀이 있으시면 jonghee.lee@uky.edu 로 연락주시면 감사하겠습니다. 그럼 모임의 결성에 조언을 아끼지 않아 주신 윤혜진, 조인정, 반효원 교수님과 소식지 편집장 이지은 교수님께 감사를 드리며 이 글을 마치겠습니다. FWG 의 활동이 앞으로 KAGES 에서 다양한 주체의 다른 학생 소모임의 활성화에도 도움이 되길 바랍니다.

References

- 김애령 (2020). *듣기의 윤리: 주체와 타자, 그리고 정의의 환대에 대하여*. 봄날의박씨.
- Ahmed, S. (2017). *Living a feminist life*. Duke university press.
- Hooks, B. (2000). *Feminism is for everybody: Passionate politics*. Pluto Press.
- Mountz, A., Bonds, A., Mansfield, B., Loyd, J., Hyndman, J., Walton-Roberts, M., Basu, R., Whitson, R., Hawkins, R., Hamilton, T., and Curran, W. (2015). For Slow Scholarship: A Feminist Politics of Resistance through Collective Action in the Neoliberal University. *ACME: An International Journal for Critical Geographies*, 14(4), 1235-1259.

KAGES Ethics Council

Sexual Harassment in Academia



차호섭
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Assistant Professor
Program Coordinator
Department of Natural and
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Park University

Women in career and sexual harassment

In order to enhance the recruitment and occupational development of women within science, medicine, and engineering fields, immense financial support and research have been dedicated toward the cause of providing greater opportunities for women in such careers. Diversity, particularly gender diversity, has drastically improved in the past several years as a record number of women enter the academic and occupational fields of science, medicine, and engineering. Yet, it is no surprise that the increasing engagement of women in such fields corresponds to a rise of sexual harassment as one of the most prominent barriers (Johnson et al. 2018).

Johnson et al. (2018) defined sexual harassment into the following three categories:

“Sexual coercion entails sexual advances and makes the conditions of employment (or education, for students) contingent upon sexual cooperation.

Unwanted sexual attention also entails sexual advances, but it does not add professional rewards or threats to force compliance. In this category are expressions of romantic or sexual interest that are unwelcome, unreciprocated, and offensive to the target; examples include unwanted touching, hugging, stroking, and persistent requests for dates or sexual behavior despite discouragement, and can include assault (Cortina, Koss, and Cook 2018; Fitzgerald, Gelfand, and Drasgow 1995; Fitzgerald, Swan, and Magley 1997).

Gender harassment is by far the most common type of sexual harassment. It refers to “a broad range of verbal and nonverbal behaviors not aimed at sexual cooperation but that convey insulting, hostile, and degrading attitudes about” members of one gender (Fitzgerald, Gelfand, and Drasgow 1995, 430).”

Sexual harassment in academia

Although a majority of the research regarding sexual harassment is directed toward workplaces that are outside of academia, there exist suggestions that similar sexual harassment rates are identified within academia as well (Johnson et al. 2018). Sexual harassment in academia may take place in the following forms: harassment in the classroom, harassment in recruitment, and harassment in retention, tenure, or promotion (RTP). This article provides an overview of cases known through research, reports, or lawsuits.

Harassment in and out of class

There is research regarding classroom sexual harassment through a survey responded to by teaching assistants at prestigious research universities. In this survey, experiences of sexual harassment from over 300 graduate teaching assistants were described with about half of the respondents identifying as women. Although there is the impression that most sexual harassment on campus occurs from professors making advancements on students, it was discovered that there were other perpetrators of harassment (Ives and Bartos 2020).

It is surprising that more than a quarter of female teaching assistants have experienced inappropriate behaviors that were caused by various forms of physical and verbal harassment from undergraduate students. Such examples include talking about female teaching assistants’ specific body parts, referencing their looks, touching parts of their bodies, etc. Despite the presence of harassment being an apparent phenomenon, it has become a subconsciously expected action by many on the job. Some of the teaching assistants in the survey responded that they did not believe that such sexually offensive behaviors by the students are considered sexual harassment as they believe sexual harassment is driven by power, not gender. This has probably been caused by the stereotype that instructors have power over students. Also, they are reluctant to officially report such harassment as students have the power of teaching evaluations. In all, unfortunately, the research found that teaching assistants remain largely silent because many of them do not deem such behaviors as sexual harassment (Ives and Bartos 2020).

Harassment in RTP (Retention, Tenure, or Promotion)

There was an actual lawsuit about the RTP process in a university setting. A female professor alleged that

after reporting sexual harassment committed by another professor, she was denied tenure and forcefully resigned from the university. The university conducted a gender equality study, and the study found that there were issues against women regarding a pervasive fear of retaliation, sexist insinuations, and inconsistent applications of earned benefits such as parental leave. Although the professor had taken legal action against the perpetrator professors and the university over her harassment allegations and retaliation, the university has yet to take action regarding the case. Furthermore, the university continues to actively defend the professors and their statements disputing the allegations (Ferrier 2018).

Another female professor has experienced sexual harassment by a fellow faculty member and decided to report to her supervisor regarding her concerns. However, no action has been taken against the fellow professor. Rather, the female professor received a disadvantage in the promotion. This ended up with her filing a lawsuit against the university for sex discrimination and retaliation (Johnston 2021).

Findings and Conclusions

Surveys and cases reveal that sexual harassment is common in academia. There are sexually inappropriate behaviors by students to instructors. However, it is often unreported as they do not interpret such behaviors as harassment. Although it is not closely discussed in the article above, female students also experience gender harassment by faculty and/or staff. Sexual harassment also occurs in retention, tenure, or promotion. As we have seen in the lawsuit cases, female faculty members have experienced sex discrimination, retaliation, or harassment. Recently, people started raising their voices instead of remaining silent because they believe that this will not only bring justice to society but also make the work environment better for themselves and other workers, too.

References

- Cortina, L. M., Koss, M. P., and Cook, S. L. (2018). What's the difference between sexual abuse, sexual assault, sexual harassment and rape. *The Conversation*.
<https://theconversation.com/whats-the-difference-between-sexual-abuse-sexual-assault-sexual-harassment-and-rape-88218>
- Ferrier, P. (2018). Former CSU professor says she was sexually harassed, then faced 'campaign of retaliation.' *The Coloradoan*.

<https://www.coloradoan.com/story/money/2018/05/24/former-colorado-state-university-professor-christina-boucher-claims-sexual-harassment-retaliation/565653002/> Accessed on March 14, 2022

- Fitzgerald, L. F., Gelfand, M. J., and Drasgow, F. (1995). Measuring sexual harassment: Theoretical and psychometric advances. *Basic and Applied Social Psychology*, 17(4), 425-445.
- Fitzgerald, L. F., Swan, S., and Magley, V. (1997). But Was it Really Sexual Harassment?: Legal, Behavioral, and Psychological Definitions of the Workplace Victimization of Women. In W. T. O'Donohue (ed.), *Sexual harassment: Theory, research, and treatment*. Boston: Allyn & Bacon.
- Ives, S. and Bartos, A. Edited by Daley, B. (2020). This type of sexual harassment on campus often goes overlooked. *The Conversation*.
<https://theconversation.com/this-type-of-sexual-harassment-on-campus-often-goes-overlooked-150257> Accessed on March 14, 2022.
- Johnson, P. A., Widnall, S. E., and Benya, F. F. (2018). Sexual Harassment of Women: Climate, Culture, and Consequences in Academic Sciences, Engineering, and Medicine. *National Academies of Sciences, Engineering, and Medicine (NASEM)*
<https://www.nap.edu/catalog/24994/sexual-harassment-of-women-climate-culture-and-consequences-in-academic> Accessed on March 14, 2022.
- Johnston, K. (2021). Denied a promotion after she alleged sexual harassment, professor of dentistry sues Tufts. *The Boston Globe*.
<https://www.bostonglobe.com/2021/03/31/business/professor-dentistry-denied-promotion-after-she-alleged-sexual-harassment-by-colleague-sues-tufts/> Accessed on March 14, 2022

제 1 회 KAGES 윤리 워크숍 안내

KAGES 윤리위원회에서 제 1 회 KAGES 윤리 워크숍 (via Zoom)을 아래와 같이 개최합니다.

- **일시:** 2022년 12월 7일 7 pm Eastern, 언어: 한국어.
- **강사:** Dr. Seungyeon Lee, Department of Psychology & Counseling, University of Central Arkansas
- **대상:** KAGES 학생회원 및 일반회원 누구나 참여하실 수 있습니다.

* 워크숍 일시, 참가방법 및 기타 자세한 내용은 추후 공지를 통해 다시 알려드리겠습니다. 많은 관심과 참여 부탁드립니다. 감사합니다.

KAGES Awards & Scholarships

Call for applications

2023 KAGES Student Paper Award

The Student Paper Award aims to recognize high-quality student articles published in the fields of Geography, Geospatial Technologies, and Environmental Sciences. The 2023 KAGES Student Paper Awards are sponsored by the Korean Geographical Society (대한 지리학회), the Korean-American Scientists and Engineers Association (재미 한인 과학기술자 협회), and the Korea-America Association for Geospatial and Environmental Sciences (KAGES). The maximum amount per awardee is \$500.

Eligibility

1. KAGES student membership must be valid at the time of application.
2. Applicants must be full-time graduate or undergraduate students in colleges/universities in North America.
3. Former recipients of this award may re-apply after two years have passed since the award ceremony; namely, those who have received the award in the past two years are not allowed to join the current round of the competition.
4. Preference will be given to those who have not received the sponsorship previously.

Application materials

Application due date: November 14, 2022, 11:59 PM EST

Award notification: January 9, 2023

Submission: All materials should be submitted via email (support@kages.org).

- KAGES Student Paper Award Application form.
- A 1-page cover letter. Please include your involvement and contributions to KAGES.
- 1-page curriculum vitae
- An article published or manuscript under review/revision for publication in a peer-reviewed journal in the field in calendar years 2020-2022. The applicant must be a single or first author of the article.
- At least one letter of recommendation from an academic advisor or equivalent, stating the contribution of the applicant for the project (please

arrange the letter to be sent directly to support@kages.org).

Recipients are expected to participate in the Young Korean Geographers Forum (hosted by KAGES) as presenters.

2023 Sim Travel Award

Dr. Sim, Sunhui is currently a faculty member in the Geography Department at the University of North Alabama. Through her generous sponsorship, the "Sim Student Travel Award" was established in 2010 to provide financial assistance to graduate students in the research field of Geography, Geospatial Technologies, and Environmental Sciences. This scholarship is mainly designed to help meet the costs of travel to the annual meetings of the American Association of Geographers (AAG).

Eligibility

1. In-person AAG Conference participants (no virtual participants)
2. KAGES membership
3. The scholarship is open to South Koreans and Korean-Americans.
4. Applicants must be full-time graduate or undergraduate students in colleges/universities in North America.
5. Applicants research topic is open to any study areas in Geography, Geospatial technologies, or Environmental sciences.
6. Applicants must present their research at the AAG annual meeting.
7. Former Sim Student Travel Award recipients may re-apply if they did not apply in the past two rounds while maintaining membership.

Application materials

Application due date: November 14, 2022, 11:59 PM EST

Award notification: February 7, 2023

Submission: All materials should be submitted via email (support@kages.org).

- 1- page cover letter stating: 1) applicant's professional goals, 2) need for financial support, 3) how this award will benefit the applicant's studies, and 4) applicant's involvement and contribution to KAGES
- Application form
- 1-page curriculum vitae

- Unofficial transcript from currently attending school (a scanned image or a PDF file directly printed off from the Web)
- Proof of conference presentation at the annual meeting of the American Association of Geographers (a scanned image from the AAG site).
- A brief letter/email indicating support from your department (e.g., Department Chair, Advisor).

For application forms and more information, please visit: <http://www.kages.org/season2/category/funding-opportunities-awards-scholarships/>

IJGER

International Journal of
GEOSPATIAL AND ENVIRONMENTAL RESEARCH

Editor-in-Chief
Dr. Woonsup Choi (최운섭)
University of Wisconsin-Milwaukee

The International Journal of Geospatial and Environmental Research (IJGER) is an international journal sponsored by the Korea-America Association for Geospatial and Environmental Sciences (KAGES). As a non-profit organization, KAGES fosters scientific interactions between Korea and the USA for Korean or Korean-American students, scientists, and professionals in the geospatial-technical and environmental science fields. As part of its mission, KAGES launched IJGER to provide a forum for discussion between its members and researchers in the field. KAGES has the ultimate authority on the ownership and management of IJGER. IJGER welcomes contributions that fit our aims and scope from anywhere by anyone in the world.

Submit your manuscript to IJGER now! If you have any questions, feel free to contact the chief editor of IJGER, Dr. Woonsup Choi (choiw@uwm.edu).

IJGER Early Career Paper Award

This award supports research of the members of KAGES who are either graduate students or early career scholars. The award is sponsored by Dr. Hyejin Yoon in the Department of Geography at the University of Wisconsin-Milwaukee. Total amount of \$900 will be awarded to three early scholars who publish their research in IJGER for three years from 2021.

KAGES Grant & Sponsorship

KAGES Student Affiliated Group Mini-Grant

The KAGES Student Affiliated Group Mini-Grant program is designed to encourage networking and personal growth among Korean KAGES student members who are affiliated with an academic institution in the U.S. and Canada. This grant program is sponsored by the Korea-America Association for Geospatial and Environmental Sciences (KAGES), a non-profit organization whose mission includes:

- Supporting student members to develop their career success through education and research;
- Supporting members to develop research, teaching, and services;
- Promoting interactions between South Korea and the U.S. in geospatial technology and environmental science fields.

KAGES welcomes any proposals/activities that address the overarching mission of the organization. Activities may include but are not limited to inviting an expert for a talk to their meeting, organizing a workshop, or meeting for their professional development. Each student group can apply multiple proposals/activities. KAGES will support up to \$300 annually per group. The total number of awards will be determined later. A student group may reapply for funding for the following years. For further information, please visit <http://www.kages.org/season2/kages-student-affiliated-group-mini-grant/>.

The KAGES Sponsorship Program

The KAGES Sponsorship program aims to support professional activities and events led by KAGES members for their career development and leadership. This program is designed to continue the organization's mission of supporting members' research, teaching, and services and promoting interactions between South Korea and the United States in geospatial and environmental science. KAGES welcomes a project proposal that expands the overarching mission of the organization. KAGES will sponsor up to \$500 annually for the approved projects altogether. The funds may vary by project needs and are based on the availability of the KAGES budget. KAGES members must be the key personnel in the proposed project. Potential projects could include but are

not limited to a professional development workshop, a professional networking event, or an academic seminar.

Critical conditions are as follows:

- The project should aim for a broader scholarly community.
- The KAGES sponsorship must be acknowledged during the project activities.
- The applicants must be KAGES members, and they must be the event organizers—not general participants.
- A KAGES member (or a group of members) can apply for this sponsorship only once a year (for example, if the sponsored project occurs in March 2022, the member(s) cannot apply for additional support until March 2023). Preference will be given to those who have not received the sponsorship previously.
- The project may have another funding source to achieve its goals.
- Awardees must contribute a short article (i.e., a special contribution) to the KAGES Newsletter in the issue following the project activity (i.e., if the action occurs in spring 2022, the awardees must contribute a newsletter article for the summer/fall issue).

Applications are accepted and reviewed by the KAGES board year-round. The board will evaluate proposals based on how well the proposed activity promotes the KAGES mission.

For further information including the application process, please visit:

<http://www.kages.org/season2/category/activities/kages-sponsorship-program/>.

KAGES Members' Recent Publications

박진우 (University of Illinois Urbana-Champaign): Park, J. and Goldberg, D.W. (2022), An Examination of the Stochastic Distribution of Spatial Accessibility to Intensive Care Unit Beds during the COVID-19 Pandemic: A Case Study of the Greater Houston Area of Texas. *Geographical Analysis*. <https://doi.org/10.1111/gean.12340>

Sufficient and reliable health care access is necessary for people to be able to maintain good health. Hence, investigating the uncertainty embedded in the temporal changes of inputs would be beneficial for understanding their impact on spatial accessibility. However, previous studies are limited to implementing only the uncertainty of mobility, while health care resource availability is a significant concern during the coronavirus disease (COVID-19) pandemic. Our study examined the stochastic distribution of spatial accessibility under the uncertainties underlying the availability of intensive care unit (ICU) beds and ease of mobility in the Greater Houston area of Texas. Based on the randomized supply and mobility from their historical changes, we employed Monte Carlo simulation to measure ICU bed accessibility with an enhanced two-step floating catchment area (E2SFCA) method. We then conducted hierarchical clustering to classify regions of adequate (sufficient and reliable) accessibility and inadequate (insufficient and unreliable) accessibility. Lastly, we investigated the relationship between the accessibility measures and the case fatality ratio of COVID-19. As result, locations of sufficient access also had reliable accessibility; downtown and outer counties, respectively, had adequate and inadequate accessibility. We also raised the possibility that inadequate health care accessibility may cause higher COVID-19 fatality ratios.

Members' News

New positions, Promotion & Professional Activities

김은경 (Luxembourg Institute of Socio-Economic Research, LISER): **New position:** Research Associate, Department of Urban Development and Mobility, Luxembourg Institute of Socio-Economic Research (LISER)

이지은 (University of Northern Colorado): **Promotion:** tenured and promoted to Associate professor; **Professional Activities:** Faculty DEI Fellow, Faculty Senate, University of Northern Colorado; Assistant Treasurer, Society of Women Geographers

Scholarly Accomplishments

Please see **KAGES Members' Recent Publications** for scholarly publications.

반효원 (California State University, Long Beach): **Grant:** Co-PI: Strategic Promotion of East Sea and Correspondence with IHO. (April 2022~November 2022). With Dr. Yoonsoo

Choi (PI) and others. Funded by The Korea Hydrographic and Oceanographic Agency, South Korea (approximately \$250,000).

전범석 (Texas Southern University): Publication: Majumdar, S. R., & Chun, B. (2022). Fracking and Traffic Crashes in Eagle Ford Shale of Texas. *Public Works Management & Policy*, 0(0). <https://doi.org/10.1177/1087724X221100559>

Please share news with KAGES Newsletter! Please share your achievements and any updates on your degree completion, professional positions (i.e., new hire and promotions), publications, grants, awards, professional certification, media appearance with [this Google Form](https://forms.gle/m3grpjuWDqLTELiu8) (<https://forms.gle/m3grpjuWDqLTELiu8>)

About KAGES

Mission

As a non-profit organization, the mission of KAGES is to foster the following for Korean or Korean-American students, scientists and professionals in the geospatial-technical and environmental science fields:

- Support for students developing their career successfully through education and research
- Support for members developing research, teaching and services
- Promoting interactions between South-Korea and USA in geospatial technology and environmental science fields

Bylaws

- The KAGES Bylaws was revised and approved by the KAGES Board Members on Friday, April 9, 2021 and the revised version is accessible in PDF format from the following link: KAGES Bylaws. (http://www.kages.org/season2/wp-content/uploads/2015/04/KAGES-Bylaws-Final_5th_revision_2021.pdf)

Organization

- KAGES was founded on 11/17/2008 with eight founding board members:

Dr. Gi-Choul Ahn	Dr. Yeong-Hyun Kim
Dr. Heejun Chang	Dr. Sun Yurp Park
Dr. Jinmu Choi	Dr. Jeong Chang Seong
Dr. Jongnam Choi	Dr. Changjoo Kim

Officers (July 2022 – June 2023)

President: Dr. Misun Hur
 Vice President: Dr. Hoseop Cha
 Secretary: Dr. Sanglim Yoo

Treasurer: Dr. Hosuk Lee

2022–2023 Board members

- Dr. Hoseop Cha (Park University): Vice President; Public Relation Committee
 Dr. Bumseok Chun (Texas Southern University): Technical Support
 Dr. Kelly Huh (Cal Poly Pomona): Past President (2019–2020); Research Committee
 Dr. Misun Hur (East Carolina University): President; Communication Committee, Public Relation Committee
 Dr. Injeong Jo (Texas State University): Past President (2021–2022); Legal, International Relation, and Public Relation Committee
 Dr. Jeon-Young Kang (Kongju National University): International Relation Committee
 Dr. Hosuk Lee (University of North Georgia): Treasurer; Communication Committee (Membership)
 Dr. Jieun Lee (University of Northern Colorado): Newsletter; Communication Committee
 Dr. Sanglim Yoo (Ball State University): Secretary; Scholarship & Award Committee
 Dr. Hyejin Yoon (University of Wisconsin-Milwaukee): Past President (2020–2021); Legal Committee, Career Development Committee
 Dr. Taehee Hwang (Indiana University): Scholarship & Award Committee
 Sojung Huh (Texas State University): Student Board Member; Communication Committee; Technical Support Committee

Newsletter editor

Dr. Jieun Lee (University of Northern Colorado)

Membership Benefits

- Members can actively involve in opportunities by KAGES to network with your professional peers for the fields of geospatial and environmental science.
- Members are eligible for a variety of KAGES awards and can apply grants by KAGES.
- Members have a voting right for KAGES elections.
- Each KAGES member is also to become a member for KSEA-Georgia Chapter during KAGES membership.
- For renewal of membership, or join the KAGES, please visit the KAGES website at <http://www.kages.org> or email at support@kages.org Twitter: [@KagesOfficial](https://twitter.com/KagesOfficial)