

Widya A Ramadhani

Curriculum Vitae

University of Illinois at Urbana-Champaign
Illinois School of Architecture
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Champaign, IL 61820

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EDUCATION

University of Illinois at Urbana-Champaign 2018 - Present

Champaign-Urbana, IL

Advisor: Lynne M. Dearborn, PhD

- Completing the requirements for a Ph.D. in Architecture with focus on Social and Cultural Factors in Design
- Graduate Minor: Gender relations in international development (completed in May 2019)
- GPA: 4.00

University of Illinois at Urbana-Champaign 2015 – 2017

Champaign-Urbana, IL

- Master of Architecture with a concentration in Health and Wellbeing
- GPA: 3.94

Universitas Indonesia 2010 – 2014

Depok, Indonesia

- Bachelor of Architecture
- GPA: 3.64 (Cum Laude)

CERTIFICATION AND TRAINING

Montreal Cognitive Assessment Training and Certification October 2020

Health Insurance Portability and Accountability Act (HIPAA) Training September 2020

Protection of Human Subjects for Social & Behavioral Research January 2019
Collaborative Institutional Training Initiative

Social and Behavioral Research Best Practices for Clinical Research January 2019
Collaborative Institutional Training Initiative

Evidence-based Design Accreditation and Certification
Center for Health and Design

July 2017 - present

Design Thinking
Harvard University

March 2017

RESEARCH EXPERIENCE

Human Factors and Aging Laboratory University of Illinois

Champaign-Urbana, Illinois

February 2019 – present

Graduate Research Assistant

Supervisor: Wendy Rogers, Ph.D.

Human Factors in Sociotechnical Systems Laboratory University of Illinois

Champaign-Urbana, Illinois

May 2019 - present

Graduate Research Assistant

Supervisor: Abigail Wooldridge, Ph.D.

Hospital and Healthcare Engineering Research Cluster at Universitas Indonesia

Depok, Indonesia

August 2017 – July 2018

Researcher

Supervisor: Yandi Andri Yatmo, Ph.D.

PetaJakarta.org

Jakarta, Indonesia

August 2014 – August 2015

Research Assistant

Supervisor: Etienne Turpin, Ph.D.

TEACHING/DESIGN EXPERIENCE

Illinois School of Architecture

Champaign-Urbana, Illinois

August 2019 – present

Graduate Teaching Assistant

- Course taught: ARCH 321/521 Environment and Global Health

Department of Architecture Universitas Indonesia

Depok, Indonesia

August 2017 – August 2018

Lecturer

- Courses taught:
 - Basic Design 1
 - Architecture Design 3 (Architectural Technology Studio)

- Architecture Design 4 (Urban Design Studio)
- Building Technology 2

Studio Christian Wassmann

New York City, NY

January 2017

Intern Architect

Department of Architecture Universitas Indonesia

Depok, Indonesia

August 2014 – June 2015

Teaching Assistant

- Courses taught:
 - Architectural Communication Techniques
 - Architecture Design 2 (Dwelling Environments)
 - Architecture Psychology

Takano Landscape Planning

Obihiro, Japan

July – August 2012

Intern Architect

HONORS, AWARDS, and GRANTS

University Fellowship

January 2021

- Award: 1,270

Creative & Performing Arts Fellowship

January 2021

- Award: \$1,142

HFES Healthcare Technical Group (HCTG) Scholarship for the Human Factors and Ergonomics Society's 64th Annual Meeting

August, 2020

- Award: \$198 (registration fees and full-day workshop)

2020 Graduate College Supplemental Summer Block Grant

May 2020

- Award: \$2,222

NIH Health in Buildings Roundtable (HiBR) Scholar

February 2020

- Awards to recognize the future generations of scholars to bring forward knowledge of best practices and tangible results in the area of health and sustainable buildings.

HiBR 2020 Conference Travel Grant*

February 2020

- Award: \$475

- Paul Fellowship** January 2020
- Award: \$5,000
- IMSA Five Minutes Thesis Competition | 1st place** December 2019
- Award: \$250
- Fall 2019 Graduate College Conference Travel Grant Award** November 2019
- Award: \$500
- University Fellowship Illinois School of Architecture** September 2019
- Award: \$2,750
- Aging Concerns, Challenges, and Everyday Solution Strategies (ACCESS) Archival Research Grants** August 2019
- Award: \$416
- Health Make-A-Thon Carle Illinois School of Medicine** April 2019
- Award: \$10,000 in idea support
 - Team member: Mikaela Frechette and Thierry Guigma
- AARP Tech Nest Award at Cozad New Venture Challenge** April 2019
- Award: \$1,250
 - Team member: Mikaela Frechette and Thierry Guigma
- Clark Lindsey Universal Design Competition | 3rd place** April 2019
- Award: \$100
- Fall 2018 Graduate College Conference Travel Grant Award** November 2018
- Award: \$400
- Plym Fellowship Illinois School of Architecture** 2018 – 2019
- Financial award package consisting of a full waiver of graduate rate tuition.
 - Award: \$12,000
- Edward L Ryerson Travel Fellowship in Architecture** 2017
- Project title: Thinking of the future and (re)thinking architecture: A study on aging and the build environment. The mission was to observe, experience, and record design that cultivate sensibility to the needs and desires of aging population in Denmark, Czech Republic, United Kingdom, The Netherlands, Spain, and Portugal.
 - Award: \$7,616

Henry Adams Certificate of the American Institute of Architects 2017

- Formerly called "The School Medal," the AIA Henry Adams Medal and Certificate program began in 1914, and was awarded for "general excellence in architecture throughout the four-year course to graduating students of architecture schools recognized by the Institute."

HKS Midwest Design Fellowship 2017

- HKS Design Fellowship is an annual event developed to allow architects to tackle a design problem outside the day-to-day operations of the firm.

Chicago Women in Architecture Scholarship 2016

- Scholarship for female student in the last year of studies with an outstanding design studio project, given by the Chicago Women in Architecture (a not-for-profit, volunteer organization that exists as a forum for women in architecture and related professions).
- Award: \$3,000

American Institute of Architects Chicago Student Award | 2nd place 2016

- The Chicago Award in Architecture is a juried competition of student projects. The Hospital in Noida project received recognition is given the second place at the jury's discretion.
- Award: \$300

Earl Prize Graduate Studio Design Excellence Fall 2016 2016

- Awards recognize the outstanding student work completed in design studio courses at all levels of the curriculum.

Earl Prize Graduate Studio Design Excellence Spring 2016 2016

- Awards recognize the outstanding student work completed in design studio courses at all levels of the curriculum.

Indonesia Presidential Scholarship 2015 - 2017

- Indonesian Presidential Scholarship is a highly exclusive graduate study scholarship from the government of Indonesia. This scholarship is awarded to 109 awardees directly by the President of The Republic of Indonesia. The awards include full tuition coverage to study in the world's top 25 university, monthly stipend, book allowance, visa and ticket allowance, and leadership training award.
- Award: \$115,000

Universitas Indonesia Outstanding Student Award | 2nd place 2014

- Competition among all students in the 3rd and 4th year at Universitas Indonesia who have achieved competence in academic and non-academic life.
- Award: IDR 12,500,000

Faculty of Engineering Honor Roll Award | 1st place

2014

- Annual honor awarded to three best student in the Faculty of Engineering at Universitas Indonesia.
- Award: IDR 2,000,000

AFS Alumni Travel Award

2012

- Award given to selected volunteer who has been active in the intercultural program under the American Field Service (AFS) Indonesian Chapter. The awardee was eligible to join three weeks training program in Washington DC, USA.
- Award: USD 3,000

PUBLICATIONS

Ramadhani, W. A., & Rogers, W. A. (2020). Ageing in place among older adults with long-term mobility disability: Archival study to understand activity challenges in the home environment. In A. Portella, E. Nogueira, & L. Maia (Eds.), *2019 IAPS Symposium Ageing in Place in a World of Inequalities: How to Design Healthy Cities for All—Book of Abstracts*. IAPS & PlaceAge. <http://iaps-association.org/wp-content/uploads/2020/11/IAPS-2019-Symposium-Book-of-Abstracts.pdf>

Rogers, W. A., **Ramadhani, W. A.,** & Harris, M. T. (2020). Defining aging in place: The intersectionality of space, person, and time. *Innovation in Aging*, 4(4). <https://doi.org/10.1093/geroni/igaa036>

Ramadhani, W. A., Harris, M. T., & Rogers, W. A. (2020). Aging in place: Perspectives across time and disciplines. *Gerontechnology*, 19(0), 1–1. <https://doi.org/10.4017/gt.2020.19.s.70132>

Harris, M.T., Lydon, E.A. **Ramadhani, W.A.,** Mudar, R.A., & Rogers, W.A. (2020). *Subject matter experts input for the everyday needs assessment for cognitive tasks (ENACT) study (ENHANCE-TR-20-02)* Rehabilitation Engineering Research Center (RERC) for Enhancing Neurocognitive Health, Abilities, Networks, and Community Engagement (ENHANCE).

Ramadhani, W. A., Blocker, K. A., & Rogers, W. A. (2019). *Developing an Instructional Protocol for Voice-Activated Digital Home Assistants and Related Applications (TechSAge-TR-1905)*. Rehabilitation Engineering Research Center on Technologies to Support Aging-in-Place for People with Long-Term Disabilities.

Ramadhani, W. A., & Evanindya, F. (2018). Spatial Transition and Segmentation: Speculating Strategies for Post-Antibiotic Future. *The Stories of Interior: Multiple Perspectives on Interiority*, 243–254. Jakarta: Department of Architecture Faculty of Engineering Universitas Indonesia.

Blocker, K. A., Koon, L. M., Kadylak, T., **Ramadhani, W. A.**, Khaleghi, R., Kovac, C., Sreenivas, R. S., & Rogers, W. A. (2019). Smart home technology for older adults with mobility disabilities: Potential and challenges. *Innovation in Aging*, 3(Supplement_1), S878–S878. <https://doi.org/10.1093/geroni/igz038.3217>

Yatmo, Y. A., **Ramadhani, W. A.**, & Wahid, A. R. (2018). Watch your hands: Door types and the risk of infections in clinic waiting area. *IOP Conference Series: Earth and Environmental Science*, 195, 012078. <https://doi.org/10.1088/1755-1315/195/1/012078>

PRESENTATIONS

Ramadhani, W. A., Harris, M. T., & Rogers, W. A. (2020, November 4-8). *The Intersectionality of Person, Space, and Time for Understanding Aging in Place*. 2020 Gerontological Society of America Annual Meeting, Virtual conference. <https://www.geron.org/meetings-events/gsa-2020-annual-scientific-meeting>

Ramadhani, W. A., & Evanindya, F. (2020, November 6). *The Tale of Building Doctors*. Rembukars Architecture Forum, Universitas Tarumanegara.

Ramadhani, W. A. (2020, November 4). *Built Environment, Health, and Wellbeing*. Lifestyle and Architecture Interior Design Course, Universitas Indonesia.

Ramadhani, W. A., Harris, M. T., & Rogers, W. A. (2020, October 6-8). *Aging in place: Perspectives across time and disciplines*. ISG's 12th World Conference of Gerontechnology, Virtual - Trondheim, Norway. <https://journal.gerontechnology.org/currentIssueContent.aspx?aid=2863>

Ramadhani, W. A., Wooldridge, A. R., Roychowdhury, J., Mitchell, A., Hanson, K., Vasquez-Melendez, E., Kendhari, H., Shaikh, N., Riech, T., Mischler, M., Krzyzaniak, S., Barton, G., Formella, K. T., Abbott, Z. R., Farmer, J. N., Ebert-Allen, R., & Croland, T. (2020, October 5-9). *Negotiating time and space: Investigating the pediatric code cart augmented reality application*. 7th Health Care Engineering Systems Center Symposium.

Ramadhani, W. A., Wooldridge, A. R., Roychowdhury, J., Mitchell, A., Hanson, K., Vasquez-Melendez, E., Kendhari, H., Shaikh, N., Riech, T., Mischler, M., Krzyzaniak, S., Barton, G., Formella, K. T., Abbott, Z. R., Farmer, J. N., Ebert-Allen, R., & Croland, T. (2020, October 5-9). *Negotiating time and space: Investigating the pediatric code cart augmented reality application*. Human Factors and Ergonomics Society 64th International Annual Meeting.

Morgan, J., Wooldridge, A. R., Composto, A., Mitchell, A., **Ramadhani, W. A.**, Roychowdhury, J., Hanson, K., Vasquez-Melendez, E., Kendhari, H., Shaikh, N., Riech, T., Mischler, M., Krzyzaniak, S., Barton, G., Formella, K. T., Abbott, Z. R., Farmer, J. N.,

Ebert-Allen, R., & Croland, T. (2020, October 5-9). *Evaluating the efficacy of a mobile, augmented reality pediatric code cart education application*. Human Factors and Ergonomics Society 64th International Annual Meeting.

Ramadhani, W. A., Harris, M. T., & Rogers, W. A. (2020, October 6-9). *Aging in place: Perspectives across time and disciplines*. ISG 12th World Conference of Gerontechnology, Trondheim, Norway. <https://www.sintef.no/projectweb/isgs-12th-world-conference-of-gerontechnology/>

Kadylak, T., Blocker, K.A., Koon, L.M., Gowrishankar, S., **Ramadhani, W.A.**, Khaleghi, R., Kovac, C., Sreenivas, R.S., & Rogers, W.A. (2020, September). *Developing a suite of voice activated digital home assistant health applications and instructional materials for older adults with mobility disability*. Presented at the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) 2020 Virtual Conference. Arlington, Virginia.

Ramadhani, W. A., & Rogers, W. A. (Accepted). *Keeping up with housekeeping and maintenance: Challenges to age in place among older adults with a long-term mobility disability*. Health in Buildings Roundtable 2020 Conference, Bethesda, MD. <https://hibr.nih.gov/conference/cancelled-2020-hibr-conference> (Conference canceled)

Ramadhani, W. A. & Rogers, W. A. (2020, June). *Home accessibility of older adults aging with mobility disability: A mixed-methods study* [Research presentation]. International Association of People-environment Studies 2020 Conference. Quebec City, Canada. <https://www.iaps2020.com/>

Ramadhani, W. A. (2020, June). *Supporting aging in place for older adults with long-term mobility disability: A person-environment approach* [Youth Researcher Workshop]. International Association of People-environment Studies 2020 Conference. Quebec City, Canada. <https://www.iaps2020.com/>

Blocker, K. A., Koon, L. M., Kadylak, T., **Ramadhani, W. A.**, Khaleghi, R., Kovac, C., Sreenivas, R., & Rogers, W. A. (2019, November). *Smart Home Technology for Older Adults with Mobility Disabilities: Potential and Challenges*. Gerontological Society of America Annual Meeting, Austin, TX.

Mitchell, A., Wooldridge, A., **Ramadhani, W.**, Roychowdhury, J., Croland, T., Hanson, K., Mendelez, E., Kendhari, L., Shaikh, N., Riech, T., Mischler, M., Krzyaniak, S., Barton, G., Formella, K., Abbott, Z., & Ebert-Allen, R. (2019, October). *Evaluation of an Augmented Reality Code Cart Application Using Eye-Tracking Technology*. Presented at the 2019 Society of Hispanic Professional Engineers National Convention, Phoenix, Arizona.

Roychowdhury, J., Wooldridge, A., **Ramadhani, W.**, Mitchell, A., Croland, T., Hanson, K., Mendelez, E., Kendhari, L., Shaikh, N., Riech, T., Mischler, M., Krzyaniak, S., Barton, G., Formella, K., Abbott, Z., & Ebert-Allen, R. (2019, October). *Examining Perceived Usefulness of Features of An Augmented Reality (AR) Code Cart Education Application*. Presented at the iSchool Research Showcase, Champaign, Illinois.

Mitchell, A., Wooldridge, A., **Ramadhani, W.**, & Roychowdhury, J. (2019, September). *Evaluation of an Augmented Reality Code Cart Application Using Eye-Tracking Technology*. Presented at the The Grainger College of Engineering Research Fair and International Research Symposium, Champaign, Illinois.

Ramadhani, W. A. (2017, August). *The Relation of Visual Impairment to the Risk of Falling Among Older Adults*. Presented at the European Healthcare Design Conference 2017, London. Retrieved from http://europeanhealthcaredesign2019.salus.global/uploads/media/conference_document/0001/07/fed39e0f222237ba8c9d73f6df4927b09cfe0f41.pdf

Ramadhani, W. A. (2017, August). *Please Remove Shoes: Shoe Removal Practice, Transitional Space, and Human Health*. Presented at the European Healthcare Design Conference 2017, London. Retrieved from http://europeanhealthcaredesign2019.salus.global/uploads/media/conference_document/0001/07/fed39e0f222237ba8c9d73f6df4927b09cfe0f41.pdf

MEMBERSHIPS

Environmental Design Research Association (EDRA) Student member	2020-present
Human Factors and Ergonomics Society (HFES) Technical groups: Aging, Environmental Design, and Health Care	2020-present
International Society of Gerontechnology Student member	2020-present
Human Factors and Ergonomics Society (HFES) UIUC Treasurer and student member	2019-present
International Association for People-Environment Studies Student Member	2019-present

UIUC Balinese Gamelan Community
Member

2018 – 2020

SERVICES

Public Safety Advisory Committee UIUC
Committee Member

2020-2021

Student Advising in Graduate Education (SAGE) UIUC
Board Member

2019-2020

IMSA-MISG Muktamar 2019
Madrassa Coordinator

December 2019

Indonesian Student Association UIUC Chapter
Graduate Student Representative

May 2016 – May 2017

Illinois Business Consultant
Architecture Advisor

February – May 2016

Architecture Student Association of Universitas Indonesia
Head of Public Relation Department
Head of Human Resources and Development

January – December 2012

January – December 2011

Indonesia Youth Exchange and Study Alumni Association
Chapter Coordinator

2009 - 2012

*cancelled due to #COVID19