

CURRICULUM VITAE

Chia-Yuan Yu, Ph.D.

Urban & Regional Planning program
School of Public Administration
College of Health and Public Affairs
University of Central Florida
4364 Scorpius Street, HPA II Room 340
Orlando, FL, 32816
Tel: (407) 823-5714
E-Mail: Chia-Yuan.Yu@ucf.edu

EDUCATION

- 2014 Ph.D. in Urban & Regional Science, Texas A&M University
Dissertation title : *Environmental correlates of traffic collisions*
Certificate for Geographic Information Systems (GIS), Texas A&M University.
- 2009 M.S. in Urban Planning, National Taiwan University, Taiwan
- 2007 B.S. in Urban Planning, National Cheng Kung University, Taiwan

ACADEMIC APPOINTMENTS

- 2015– Assistant Professor, Urban and Regional Planning program, School of Public
Administration, University of Central Florida, Orlando, FL.
- 2014–2015 Research Associate, Texas A&M Transportation Institute, College Station, TX.

RESEARCH AND TEACHING INTERESTS

- Transportation planning – land use and travel behavior, urban form and traffic safety, sustainable
transportation.
- Healthy communities – built environment and physical activity, residential self-selection and
walking behavior, health impacts of transportation.
- Social disparity – race/ethnic and income disparity in walking and traffic safety.
- Quantitative methods – spatial statistics, Hierarchical Linear Modeling (HLM), Structural Equation
Modeling (SEM).
- GIS application in the urban planning field

RESEARCH

PUBLICATIONS

Peer-Reviewed Journal Articles (11)

- [11] Yu, C. (In press). Racial and income differences in obesity among older adults: The role of leisure-time physical activity and neighborhood social cohesion. *Journal of Physical Activity and Health*. **Journal Impact factor: 1.884**
- [10] Yu, C. & Zhu, X. (2016). Planning for a safe school: Impacts of school siting and surrounding environments on traffic safety. *Journal of Planning Education & Research*. 36(4), 476-486. **Journal Impact factor: 1.383**
- [9] Yu, C. & Lin, H. (2016). Exploring factors regarding transit-related walking and walking duration. *Journal of Physical Activity and Health*, 13, 1220-1229. **Journal Impact factor: 1.884**
- [8] Yu, C. & Zhu, X. (2016). From attitude to action: What shapes parental attitude toward walking to school and how does it influence actual behaviors? *Preventive Medicine*, 90, 72-78. **Journal Impact factor: 3.086**
- [7] Yu, C. (2015). How differences in roadways affect school travel safety. *Journal of the American Planning Association*, 81(3), 203-220. **Journal Impact factor: 2.04 (Finalists for Journal of the American Planning Association's annual Paper of the Year Award)**
- [6] Yu, C. (2015). Built environmental designs in promoting pedestrian safety. *Sustainability*, 7(7), 9444-9460. **Journal Impact factor: 1.343**
- [5] Yu, C., & Lin, H. (2015). Transit-related walking to work in promoting physical activity. *Journal of Physical Activity and Health*, 12(4), 483-489. **Journal Impact factor: 1.884**
- [4] Yu, C. & Zhu, X. (2015). Impacts of residential self-selection and built environments on children's walking-to-school behaviors. *Environment and Behavior*, 47(3), 268-287. **Journal Impact factor: 2.612**
- [3] Zhu, X., Yu, C., Lee, C., Lu, Z. & Mann, G. (2014). A retrospective study on changes in residents' physical activities, social interactions, and neighborhood cohesion after moving to a walkable community. *Preventive Medicine*, 69, S93-S97. **Journal Impact factor: 3.086**
- [2] Yu, C. (2014). Environmental supports for walking/biking and traffic safety: Income and ethnicity disparities. *Preventive Medicine*, 67, 12-16. **Journal Impact factor: 3.086**
- [1] Zhu, X., Lu, Z., Yu, C., Lee, C. & Mann, G. (2013). Walkable communities: Impacts on residents' physical and social health. *World Health Design*, 7, 68-75.

CONFERENCE PRESENTATIONS

National and Intenational conference (13)

- [13] Woo, A. & **Yu, C.** (2016). Beyond affordable shelters: Subsidized housing and surrounding environments for pedestrian safety. Presented at the *ACSP 56rd Annual Conference*, Portland, Oregon, Nov. 3-6.
- [12] **Yu, C.** & Woo, A. (2016). The impact of residential segregation on obesity. Presented at the *ACSP 56rd Annual Conference*, Portland, Oregon, Nov. 3-6.
- [11] Zhu, X., Lu, Z., **Yu, C.** & Lee, C. (2016). Who benefits the most from walkable communities? Results from a quasinalatural experimental study. Presented at the *2016 ACSA / ASPPH Fall Conference*, Honolulu, HI, Sep. 22-24.
- [10] **Yu, C.** & Lin, H. (2016). Examining factors influencing transit-related walking and walking duration. Presented at the *15th Annual Scientific Meeting of the American Academy of Health Behavior*, Ponte Vedra Beach, Florida, Feb. 21-24.
- [9] **Yu, C.** & Zhu, X. (2016). How to shape parental attitude and promote walking to school? Understanding mediating effects of parental attitudes on children's active school commute. Presented at the *2016 Active Living Research Confernece*, Clearwater Beach, Florida, Jan. 31- Feb. 3.
- [8] Yu, C. (2016). How differences in built environments impact travel safety around schools. Presented at the *Transportation Research Board (TRB) 95th Annual Meeting*, Washington, DC, Jan.10-14.
- [7] Yu, C. (2015). The design of built environments in promoting school travel safety. Presented at the *ACSP 55rd Annual Conference*, Houston, Texas, Oct. 22-25.
- [6] Yu, C. (2014). Examining the designs associated with traffic safety around schools. Presented at the *2014 Urban Affair Association (UAA) 44th Annual Conference*, San Antonio, Texas.
- [5] Zhu, X., Lu, Z., **Yu, C.**, Lee, C. & Mann, G. (2014). Do walkable communities really work? Health impacts of moving into a walkable community and mechanisms for health behavior change. Presented at the *2014 Active Living Research Confernece*, San Diego, California.
- [4] Zhu, X., Lee, C., **Yu, C.** & Varni, J. (2014). Impacts of objective and perceived distance on walking-to-school behaviors and roles of other built environmental attributes in these relationships. Presented at the *2014 Active Living Research Confernece*, San Diego, California.
- [3] **Yu, C.** & Zhu, X. (2012). Does residential self-selection influence the relationship between built environment and children's walking-to-school behavior? Presented at the *ACSP 53rd Annual Conference*, Cincinnati, Ohio.
- [2] Zhu, X., Lee, C., Lu, Z. & **Yu, C.** (2012). Thresholds and impacts of walkable distance for active school transportation in different contexts. Presented at the *Active Living Research 2012 Annual Conference*, San Diego, California.

- [1] Lin, F. & Yu, C. (2009). A spatially gravitative autocorrelation for analyzing land use change in Ankeng. Presented at the *11th International Conference on Computers in Urban Planning and Urban Management (CUPUM)*, Hong Kong.

GRANTS AND CREATIVE ACTIVITIES

Funded Projects

- [5] PI. Built Environmental Correlates of School Traffic Safety in Central Florida. UCF Office of Research and Commercialization, 2016, Awarded \$7,500.
- [4] PI. Healthy Impacts of A Wableable Community. UCF College of Health & Public Affairs 2015-2016 Research Fellow Program, Awarded \$2,500.
- [3] Evaluating Health Impacts of Walkable Communities: Best Practices and a Toolkit for Future Design and Research, with Zhu, X. (PI), Lee, C. (Co-PI), Mann, G. (Co-PI) & Lu, Z. (Co-PI), American Institute of Architects (AIA), Awarded \$20,000.
- [2] Does an Activity-Friendly Community Improve Children's Physical Activity? Where, When, and How? with Zhu, X. (PI) & Lee, C. (Co-PI), Johns Hopkins University Global Center for Childhood Obesity, Awarded \$30,000.
- [1] Can Policy and Environmental Interventions Increase Active School Transportation and Children's Physical Activity? with Zhu, X. (PI) & Lee, C. (Co-PI), Robert Wood Johnson Foundation Active Living Research Program, Awarded \$50,000.

TEACHING

COURSES TAUGHT

Graduate Courses

- PAD 6387 Transportation Policy and Planning, UCF School of Public Administration, Spring 2016, Summer 2016, Spring 2017
- PAD 6339 Housing Development and Planning, UCF School of Public Administration, Spring 2016, Spring 2017
- PAD 6938 Sustainable Transportation Planning, UCF School of Public Administration, Fall 2015, Fall 2016
- PAD 5337 Urban Design, UCF School of Public Administration, Fall 2015
- PAD 6316 Planning Methods, UCF School of Public Administration, Fall 2016

INVITED LECTURES

- [5] Research colloquium. School of Public Administration. University of Central Florida. (10/15/2015) Presented the research on health impacts of walkable communities.
- [4] DrAL Seminar Series. Center for Health Systems and Design. Texas A&M University.

Presented the research on school travel safety in Austin, TX.

[3] GEOG665. GIS Modeling. Texas A&M University.

Presented my research on spatial variations in built environmental characteristics and crash frequencies in Austin, TX.

[2] PLAN 673. Design for Sustainable Transportation. Texas A&M University.

Presented my research on school traffic safety in Austin, TX.

[1] PLAN 625. Geographic Information System. Texas A&M University.

Presented my research on children's walking-to-school behaviors in Austin, TX.

TEACHING ENHANCEMENT ACTIVITIES

- The IDL Faculty Course Development Training, University of Central Florida, Feb. 2015-Apr. 2015
- UDOIT workshop, University of Central Florida, Aug. 2015

SERVICE

TO THE PROFESSION

- **Editorial Board Member**, *Annals of Obesity & Disorders* (03/15/2016)
- **Peer Reviewer for Scholarly Journals**
 - *Journal of the American Planning Association* (2016), *Health & Place* (2016), *Indoor and Built Environment* (2016), *Sage Open* (2016), *Sustainability* (2016), *American Journal of Preventive Medicine* (2015, 2016)
- **Peer Reviewer for Conference Papers**
 - 15th Annual Scientific Meeting of the American Academy of Health Behavior (2016), *Transportation Research Record* (2013, 2014, 2015, 2016, 2017)

TO THE SCHOOL

- Research Colloquium Coordinator, 2016-2017, School of Public Administration, University of Central Florida
- Search Committee Member, 2015-2016, two Assistant Professors position in the School of Public Administration, University of Central Florida
- Advisory Search Committee, 2015-2016, Assistant/Associate Professor in the coastal planning cluster hire, University of Central Florida
- Board Member, Planning Advisory Board, School of Public Administration, University of

Central Florida

HONORS/AWARDS

- Finalists, Journal of the American Planning Association's annual Paper of the Year Award, 2016
- Travel Scholarship, Texas A&M university, 2014
- Landscape Architecture and Urban Planning Departmental Scholarship, Texas A&M University, 2010
- First Prize Award, National Cheng Kung University, 2007