

## YANGYANG LIU

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### EDUCATION

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Ph.D. student at University of California, Irvine <i>Specialization: Human Development in Context</i>	2015 – Present
M.A. Teachers College, Columbia University, New York <i>Developmental Psychology</i>	2015
B.A. Hebei University of Technology, Tianjin, China <i>English</i>	2012

### ACADEMIC PUBLICATIONS

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- Vandell, D.L., Simpkins, S.D., & Liu, Y. (in press). From Early Care and Education to Adulthood Problem Behaviors: A Prevention Pathway through Organized Activities. *Development and Psychopathology*.
- Yu, M. V. B., Liu, Y., Hsieh, T. Y., Lee, G., Simpkins, S.D. & Pantano, A. (in press). “Working together as a team really gets them fired up”: Afterschool program mentoring strategies to promote collaborative learning among adolescent participants. *Applied Developmental Science*.
- Fredricks, J. A., Hsieh, T., Liu, Y., & Simpkins, S. D. (2019). Spilling over: How participating in after-school organized activities predicts students’ engagement. In S. L. Christenson, A. L. Reschly, & J. A. Fredricks (Eds.) *Handbook of research on student engagement*.
- Hsieh, T. Y., Liu, Y., & Simpkins, S. D. (2019). Changes in United States Latino/a high school students’ science motivational beliefs: Within group differences across science subjects, gender, immigrant status, and perceived support. *Frontiers in Psychology, 10*:380. doi.org/10.3389/fpsyg.2019.00380
- Simpkins, S.D., Liu, Y., Hsieh, T. D., & Estrella, G. (2019). Supporting Latino high school students’ science motivational beliefs and engagement: Examining the unique and collective contributions of family, teachers, and friends. *Educational Psychology, 40*(4), 409-429. doi: 10.1080/01443410.2019.1661974
- Liu, Y., Simpkins, S.D., & Lin, A. (2018). Ethnic cultural features in organized activities: Relations to Latino adolescents' activity experiences and parental involvement. *Journal of Youth and Adolescence, 47*(10), 2243-2260. doi: 10.1007/s10964-018-0839-0

Simpkins, S. D., **Liu**, Y., & Dawes, N. P. (2018). 15 Years After “Community programs to promote youth development” In H. J. Malone (Ed.). *The growing out-of-school time field: Past, present, and future*.

#### **PUBLIC POLICY AND PRACTICE PUBLICATIONS**

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**Liu**, Y. & Vandell, D.L. (2019, March). OST: Learn differences between tools to measure your program quality. *Youth Today*.

Simpkins, S. D., & **Liu**, Y. (2017, winter/spring). Preparing for the new school year: Supporting high school students’ science motivation. *Science Times: Arizona Science Teachers Association Circular*.

*\*This is the same article as the 2016 CSTA article below.*

Simpkins, S. D., & **Liu**, Y. (2016, August). Preparing for the new school year: Supporting high school students’ science motivation. *California Classroom Science: A publication of the California Science Teachers Association*.

*\*This is the same article as the one in press for ASTA.*

#### **PAPERS UNDER REVIEW**

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Gülseven, Z., **Liu**, Y., Ma, T. L., Yu, M. V. B., Simpkins, S.D., Vandell, D.L., & Zarrett, N. R. (*Revise and resubmit*). *Are the parallel developmental trajectories of cooperation and self-control in middle childhood predicted by sensitive and stimulating parenting in early childhood?*.

**Liu**, Y., Simpkins, S.D., & Vandell, D.L. (*Revise and resubmit*). *Teachers, afterschool program staff, and mothers: Relationships with key adults and children’s adjustment in early elementary school*.

**Liu**, Y., Simpkins, S.D., & Vandell, D.L. *Organized activities during middle school and high school and adolescent functioning at the end of high school: Examining two developmental pathways*.

Ma, T. L., Zarrett, N., Yu, M., Puente, K., Liu, Y., Vandell, D.L., & Simpkins, S.D. *Profiles of Youth Character Virtues Across the Transition from Middle Childhood to Early Adolescence: The Link to Academic and Social Adjustment*.

Yu, M. V. B., Liu, Y., Soto-Lara, S., Puente, K., Carranza, P., Simpkins, S.D. & Pantano, A. *High-quality and culturally responsive practices in a math enrichment afterschool program for underprivileged Latinx youth*.

#### **MANUSCRIPTS IN PREPARATION**

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*\*Only those that are already drafted and are ready to be submitted in the next two months are listed here.*

**Liu**, Y., Simpkins, S.D., & Vandell, D.L. *Adolescent participation in organized activities and time use in young adulthood: Examining activity-specificity and spillover effects*.

Zarrett, N. R., **Liu**, Y., Simpkins, S.D., & Vandell, D.L. *The role of organized activities in promoting moral and civic virtues: A critical review of research*.

## CONFERENCE PRESENTATIONS

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- Gülseven, Z., Yu, M., Liu, Y., Vandell, D. L., Zarrett, N., & Simpkins, S. D. (2020, March). Trajectories of cooperation and self-control: Role of maternal and paternal parenting. In S. Maiya (Chair), *Applying culture-specific parental socialization models to understand youth prosocial behaviors*. Paper prepared to present at the biennial meeting for Society for Research on Adolescence, San Diego, CA. (Conference cancelled)
- Liu, Y. (2020, March). *Beyond attendance: Examining the quality of experiences in organized after-school activities and adolescent adjustment*. Chaired paper symposia prepared to present at the biennial meeting for Society for Research on Adolescence, San Diego, CA. (Conference canceled)
- Liu, Y., Simpkins, S., & Vandell, D. L. (2020, March). Extracurricular activities in middle school and high school as predictors of social emotional skills at end of high school. In Y. Liu (Chair), *Beyond attendance: Examining the quality of experiences in organized after-school activities and adolescent adjustment*. Paper prepared to present at the biennial meeting for Society for Research on Adolescence, San Diego, CA. (Conference canceled)
- Liu, Y., Simpkins, S., & Vandell, D. L. (2020, March). *Growth of future orientation from adolescence to emerging adulthood: Longitudinal correlates of extracurricular participation*. Poster prepared to present at the biennial meeting for Society for Research on Adolescence, San Diego, CA. (Conference canceled)
- Ma, T. L., Liu, Y., & Simpkins, S. D. (2020, March). *Patterns of adolescents' motivational beliefs and engagement in organized activities: Examining the role of social support*. Poster prepared to present at the biennial meeting for the Society for Research on Adolescence, San Diego, CA. (Conference cancelled)
- Ma, T. L., Zarrett, N., Yu, M., Puente, K., Liu, Y., Simpkins, S. D., & Vandell, D. (2020, March). The stability and changes of patterns across youth character virtues during the transition from preadolescence to adolescence. In T. Ma (Chair), *Changes and Stability of Adolescent Character Virtues: The Longitudinal Links to Social-Emotional and Academic Functioning*. Paper prepared to present at the biennial meeting for the Society for Research on Adolescence, San Diego, CA. (Conference cancelled)
- Liu, Y., Simpkins, S., & Vandell, D. L. (2018, October). *Associations between adult-child relationships in multiple contexts and prosocial behaviors*. Poster presented at SRCD Character Development Special Topic Conference, Philadelphia, PA.
- Liu, Y., Simpkins, S., Vandell, D. L., Hsieh, T., Soto-Lara, S., & Luo, H. (2018, October). *Associations between organized activities and performance character: A critical review*. Poster presented at SRCD Character Development Special Topic Conference, Philadelphia, PA.
- Zarrett, N., Tulagan, N., Liu, Y., Simpkins, S., Vandell, D. L., Eccles, J. S. (2018, October). *After school programming and the development of work habits: Dynamic relations from childhood through early adolescence*. Poster presented at SRCD Character Development Special Topic Conference, Philadelphia, PA.

- Liu, Y.,** Simpkins, S., & Vandell, D. L. (2018, April). *Activity participation and academic performance: Work habits and prosocial behavior as potential mediators*. Poster presented at Society for Research on Adolescence, Minneapolis, MN.
- Liu, Y.,** Simpkins, S., & Lin, Alex. (2018, April). *Ethnic cultural features in organized activities: Relations to Latino adolescents' activity experiences and parental involvement*. Poster presented at Society for Research on Adolescence, Minneapolis, MN.
- Liu, Y.,** & Simpkins, S. (2017, April). *Friends and science motivation: Examining relation between friend characteristics and Latino high school students' science motivation*. Poster presented at Society for Research on Child Development, Austin, TX.
- Lin, A., Simpkins, S., & **Liu, Y.** (2017, April). *Latino parents' involvement with their adolescents' participation in organized activities: Examining the role of ethnic cultural features*. Poster presented at Society for Research on Child Development, Austin, TX.
- Simpkins, S. D., **Liu, Y.,** Hsieh, T. D., & Estrella, G. (2017, April). Supporting Latino high school students' science motivation: Examining the unique and collective contributions of family, teachers, and friends. In K. Muenks (Chair), *Mom, dad, teacher, peer: Who influences students' STEM motivation? An expectancy value perspective*. Paper presented at the American Educational Research Association Annual Meeting, San Antonio, TX.
- Liu, Y.,** Ahn, J., England, D., Cooper, C., Benner, A., & Goble, P. (2016, March). *School attainment among Mayan adolescents in rural Guatemala*. Poster presented at Society for Research on Adolescence, Baltimore, MA.

## RESEARCH EXPERIENCE (SELECTED)

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- 2018-Present **Organized Afterschool Activities and Character Development Project**, funded by John Templeton Foundation (PI: Sandra Simpkins, Ph.D.; Co-PIs: Deborah L. Vandell, Ph.D., Jacquelynne Eccles, Ph.D. & Nicole Zarrett, Ph.D.; University of California, Irvine & University of South Carolina)
- Analyze longitudinal data on 1364 children from elementary school to age 26 using SEM and growth curve modelling
  - Examine contextual correlates to individual development
  - Manage data and provide data training for new researchers
- 2017-Present **Review of Effectiveness of Organized Afterschool Activities**, funded by Charles Stewart Mott Foundation (PI: Deborah L. Vandell, Ph.D.; Co-PI: Sandra Simpkins, Ph.D.; University of California, Irvine)
- Conduct critical review of literature
  - Develop coding schemes for review papers
  - Qualitatively code academic papers
- 2015-2019 **Family and Science Project**, funded by National Science Foundation (PI: Sandra Simpkins, Ph.D.; University of California, Irvine)
- Analyze longitudinal data examining family support and Latinx

- high school students' science motivation
  - Mentor undergraduate research assistants
- 2015-2019     **Afterschool Activities for Latinx Adolescents Project**, funded by William T. Grant Foundation (PI: Sandra Simpkins, Ph.D.; University of California, Irvine)
- Examine the quality of Latinx adolescents' experiences in organized afterschool activities
  - Apply pattern-centered approach to explore motivational profiles among Latinx adolescents in afterschool activities

## TEACHING & MENTORING EXPERIENCE

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### Teaching Assistant

- Summer 2019     EDUC 361: The Adolescent Learner  
*University of California, Irvine*
- 2014 - 2015     Research Practicum  
*Teachers College, Columbia University*

### Guest Lecturer

- Fall 2019        EDUC 108: Adolescent Development in Education  
                      "Peer Relationships during Adolescence"
- Summer 2019    EDUC 361: The Adolescent Learner  
                      "Social Contexts and Academic Motivation"  
*University of California, Irvine*
- 2018              Mentor for Math CEO, UC Irvine

## SKILLS

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Proficient in STATA, *Mplus*, HLM  
Proficient in Structural Equation Modeling, Multilevel Modeling, Growth Curve Analysis, Latent Profile Analysis, Latent Class Analysis, and Latent Transition Analysis  
Proficient in structured interviews and observational coding

## PROFESSIONAL DEVELOPMENT

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- 2019              EADP/EARA/SRA International Summer School  
*Kalamata, Greece*
- 2019              Latent Class and Latent Transition Analysis workshop  
*University of California, Santa Barbara*
- 2018              Society for Research on Adolescence (SRA) Tri-Caucus Preconference  
*Minneapolis, Minnesota*
- 2017              UC Adolescent Consortium Summer Institute  
*University of California, Los Angeles*

**AWARDS & HONORS**

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- 2020 Graduate Dean's Dissertation Fellowship, UC Irvine
- 2019 SRA Travel Award for EADP/EARA/SRA International Summer School
- 2017 Associated Graduate Students Travel Award, UC Irvine

**ACADEMIC SERVICE**

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- 2020 Reviewer for SRA (Society of Research on Adolescence) biennial meeting
- 2019 Reviewer, *Applied Developmental Psychology*
- 2019 Ad-hoc reviewer, *Developmental Psychology*
- 2019 Student representative on doctoral admission committee
- 2018 Student Coordinator for UCI-BNU (Beijing Normal University) Higher Education Forum
- 2018 Student and Early Career Committee Member  
*Society for Research on Child Development (SRCD)*
- 2017-2019 International Student Representative at Association of Doctoral Students in Education
- 2017 Ad-hoc reviewer, *Journal of Adolescent Research*
- 2016 Poster Review with Advisor for SRCD
- 2016 NSF Proposal Review Mock Panel with Advisor