

Ta-yang (Diane) Hsieh

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(Updated as of August, 2020)

Education

2016	University of Wisconsin-Madison	B.S. Psychology (Honors) and Human Development & Family Studies Certificate in Criminal Justice
<i>TBC 2021</i>	University of California-Irvine	Ph.D. Education

Awards, Scholarships, and Honors

2020	University of California-Irvine	Most Promising Future Faculty Award
2020	Bronfenbrenner Center for Translational Research, Cornell College of Human Ecology	Scholarship to attend the Cornell Translational Research Summer Institute (postponed from 2020 to 2021 due to COVID-19 pandemic)
2018	Society of Research on Adolescence	Emerging Scholar Student Travel Award
2016	University of Wisconsin-Madison	Graduation with highest distinction
2016	University of Wisconsin-Madison	University Book Store Academic Excellence Award
2016	Department of Psychology	Undergraduate Research Scholar Award
2015	University of Wisconsin-Madison	Hilldale Undergraduate Research Fellowship
2015	University of Wisconsin-Madison, (nominated by the International Student Services)	Meyerhoff Excellence Award for Leadership, Service and Scholarship
2015	School of Human Ecology	Mildred Murdoch Becker Scholarship
2014	School of Human Ecology	John W. Bolender Scholarship

Publication

- PB5 Yu, M. B. V., Liu, Y., **Hsieh, T.**, 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*, *XX*, xx. doi:10.1080/1088691.2020.1800467
- PB4 **Hsieh, T.**, & Liu, J. C. (2020). Lessons from the Taiwan Syllabus Project: Findings and new directions. *International Journal of Taiwan Studies*, *3*, 145-156. doi:10.1163/24688800-00301010
- PB3 Simpkins, S. D., Liu, Y., **Hsieh, T.**, & Estrella, G. (2019). Supporting Latino high school students' science motivation: Examining the unique and collective contributions of family, teachers, and friends. *Educational Psychology*, *40*, 409-429. doi:10.1080/01443410.2019.1661974
- PB2 **Hsieh, T.**, 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*, 1-12. doi:10.3389/fpsyg.2019.00380
- PB1 Fredricks, J., **Hsieh, T.**, Liu, Y., & Simpkins, S. D. (2019). Spilling over: How participating in after-school organized activities predicts students' engagement. In Fredricks, J. A., Reschly, A. L., & Christenson, S. L., *Handbook of student engagement interventions: Working with disengaged students* (pp. 231-243).

Working Papers

- Hsieh, T.,** & Simpkins, S. D. (under review). Longitudinal Associations between Parent Support, Parent Capital, and Adolescent Motivational Beliefs in STEM.
- Hsieh, T.,** Simpkins, S. D., & Eccles, J. S. (in preparation). A pattern-centered and intersectional approaches to the gender and racial differences in high school math motivation: Associations with math achievement and engagement.
- Hsieh, T.,** Vandell, D. L., & Simpkins, S. D. (in preparation). After-school Time Use and Adolescent Substance Use as Precursors to Problematic Substance Use at Age 26.

Oral Presentations

- Hsieh, T.,** Kang, H., & Simpkins, S. D. (2021). Exploring Leverage Points to Increase Latinx High School Students' Identification with STEM: Differences Across Race/Ethnicity. Paper submitted to the American Educational Research Association Annual Meeting.
- Hsieh, T.,** Ramos Carranza, P., Yu, M. V., & Simpkins, S. D. (2021). STEM Extracurricular Activities and Adolescents' STEM Performance, Motivational Beliefs, and Aspirations in High School. Paper submitted to the American Educational Research Association Annual Meeting.
- OP6 Vandell, D. L., Simpkins, S. D., **Hsieh, T.,** Soto-Lara, S., & Ramos Carranza, P. (2020, July). A Portrait of the 21st CCLC Program (2005-2018): A Preview. Presentation to the 21st CCLC state education agency (SEA) coordinators meeting.
- OP5 **Hsieh, T.,** & Simpkins, S. D. (2019, May). Profiles of high school students' perception of math teacher predicting math interest and achievement. In H-Y, Chan (Chair), Ecological factors of math/science motivational beliefs, resilience to challenges, and college aspiration for high school freshmen: A person-centered approach. Symposium conducted at the Association for Psychological Science Annual Convention, Washington D. C.
- OP4 **Hsieh, T.,** & Soohoo, J. (2019, February). Possibilities and limitations of a summer camp to address summer learning loss: A mixed method study. Paper presented at the American Camp Association National Conference, Nashville, TN.
- OP3 **Hsieh, T.,** & Simpkins, S. D. (2018, August). Pattern-centered approach to high school math motivation. Paper presented at the Gender & STEM Network Conference, Eugene, OR.
- OP2 **Hsieh, T.,** & Wang, Y. (2018, May). How to teach Taiwan: Findings from the Taiwan Syllabus Project. Roundtable presentation at the North American Taiwan Studies Association Conference, Austin, TX.
- OP1 **Hsieh, T.** (2016, April). The link between adolescents' peer sexual harassment victimization and math engagement. Paper presented at the Undergraduate Symposium, Madison, WI.

Poster Presentations

- PP10 **Hsieh, T.,** & Simpkins, S. D. (2020, June). Patterns of and change in adolescents' math and science motivational beliefs. Poster accepted to the Tenth SELF International Conference, Québec City, Canada. (conference postponed to 2021 due to COVID-19 pandemic)
- PP9 **Hsieh, T.,** Vandell, D. L., & Simpkins, S. D. (2020, March). After-school Time Use and Adolescent Substance Use as Precursors to Problematic Substance Use at Age 26. Poster accepted to the Society of Research on Adolescence Biennial Meeting, San Diego, CA. (conference canceled due to COVID-19 pandemic)
- PP8 **Hsieh, T.,** & Simpkins, S. D. (2020, March). Longitudinal Associations between Parent Support, Parent Capital, and Adolescent Motivational Beliefs in STEM. Poster accepted to the Society of Research on Adolescence Biennial Meeting, San Diego, CA. (conference canceled due to COVID-19 pandemic)
- PP7 **Hsieh, T.,** & Soohoo, J. (2019, May). Mixed-method evidences for a summer camp in addressing summer learning loss. Poster presented at the Building Partnerships to Improve Education Symposium, Irvine, CA.

- PP6 Liu, Y., **Hsieh, T.**, Soto-Lara, S., Simpkins, S. D., Vandell, D. L., & Luo, H. (2018, October). Effects of After-School Programs in Promoting Performance Character: A Systematic Meta-Analysis. Poster presented at the Character Development Special Meeting of the Society for Research in Child Development, Philadelphia, PA.
- PP5 **Hsieh T.**, Liu, Y., & Simpkins, S. D. (2018, August). Trajectories of science and math motivation among Latino/a adolescents. Poster presented at the Gender & STEM Network Conference, Eugene, OR.
- PP4 **Hsieh T.**, & Simpkins, S. D. (2018, March). Pattern-centered Approach to High School Math Motivation. Poster presented at the Society of Research on Adolescence Biennial Meeting, Minneapolis, MN.
- PP3 Soto-Lara, S., **Hsieh, T.**, & Simpkins, S. D. (2018, March). Latina/o parents' positive and negative responsiveness and their adolescents' academic aspirations. Poster presented at the Society of Research on Adolescence Biennial Meeting, Minneapolis, MN.
- PP2 **Hsieh, T.**, Hyde, S. J., & Clarke, E. K. (2016, August). *The link between adolescents' peer sexual harassment victimization and math engagement*. Poster presented at the American Psychological Association Annual Convention, Denver, CO.
- PP1 **Hsieh, T.**, Schmidt, N. L., & Goldsmith, H. H. (2016, April). *Early temperament predicting adolescent callous/unemotional behavior*. Poster presented at the Undergraduate Symposium, Madison, WI.

Blog Post

- BP1 **Hsieh, T.**, & Simpkins, S. D. (2019, February 13). Is There Correlation Between After-school Programs, Delinquency? It's Complicated [Blog Post]. Retrieved from <https://youthtoday.org/2019/02/is-there-correlation-between-after-school-programs-delinquency-its-complicated/>

Teaching

** (U) = undergraduate level course, (G) = graduate level course **

- California Community College Internship Program (CCCIP) intern* 2019 Fall - Present
- With Dr. Yemmy Taylor in **Irvine Valley College, Department of Psychology (U)**
 - “Motivation and Emotion” in Introductory Psychology
 - “Substance Use” in Abnormal Psychology
- Co-instructor, Human Development in Education (U)* at UC Irvine, 2017 Spring
- With Dr. Brandi Schumacher
- Co-instructor, Family, School and Community in Early Childhood (U)* at UC Irvine, 2017 Spring
- With Dr. Brandi Schumacher
- TA/lab instructor, Applied Regression (G)* at UC Irvine, 2018 Spring
2019 Winter
2020 Winter
- Under Dr. Rachel B. Baker
- Guest lecture, Peer Relationship in Adolescent Development (U)* at UC Irvine, 2018 Spring
- For Dr. Janice Hansen

Grants

- Hsieh, T.**, Jhang, J., & Wu, C-H. CS004-A-19 Keywording Taiwan (Conference hosted by the North American Taiwan Studies Association), Chiang Ching-kuo Foundation for International Scholarly Exchange (\$25,000), January 2020 - June, 2021.

Academic Services

Proposal reviewer	for	American Educational Research Association 2020 Conference
(Student mentee) proposal reviewer	for	Society for Research on Child Development 2017 Biennial Meeting
(Student mentee) ad hoc reviewer	for	Journal of Youth and Adolescence
		Merrill-Palmer Quarterly: Journal of Developmental Psychology
		Child Development
		Developmental Psychology
		Journal of Research on Adolescence
Student coordinator	for	School of Education 2017 recruitment weekend
Panel speaker	for	UCI Student Outreach and Retention Center 2017 Graduate School Fair
Cohort representative 2017-18	for	UCI Associate Doctoral Students in Education
Vice president 2018-19		
President 2019-20		
Program Commissioner 2017-18	for	North American Taiwan Studies Association (NATSA)
President 2019-21		

Education related Work Experiences

Camp Phoenix San Gregorio, CA
 Evaluation Specialist July-August 2018

- Conduct both qualitative (observations and interview) and quantitative (pre-post questionnaires) to evaluate the effect of a 3-week summer camp on middle schooler's character development, academic aspiration, and socioemotional skills
- Teach math to eighty (twelve at a time) middle schoolers in an outdoor setting; including creating, administering, and reviewing daily math assessments

Mathematical Sciences Research Institute USA
 Research Intern (Summer) June-September 2017

- Evaluate nation-wide afterschool program 'Math Circles' effectiveness with both quantitative and qualitative measures
- Write up literature review for grant proposal on the 1) theories on math motivation, 2) association between math motivation and later achievement, 3) ethnic and gender differences in math motivation, 4) role of afterschool programs in promoting math motivation

Teach for Taiwan Taipei, Taiwan
 Research Intern (Summer) June-July 2016

- Developing culturally-relevant measurement of motivation for elementary students in Taiwan
- Transcribed qualitative interviews of in-training-teachers and elementary students for program assessment

Adventure Learning Programs (ALPs) University of Wisconsin-Madison
 Facilitator January 2015-May 2016

- Applied experiential education through rope courses, problem-solving activities, and intentional debriefings to foster community building and personal growth
- Demonstrated flexibility to worked with groups ranging from 7 to 150 participants

Participated Workshops and Trainings

October 28, 2016	UC Irvine	University of California System Workshop on Undocumented Students and Youth
February 11, 2017	UC Irvine	University of California Women's Caucus
February 24, 2017	UC Irvine	Undocumented Student Ally Training
April 21, 2017	UC Irvine	A Symposium on Asian American and Pacific Islander Undocumented Student Experiences

April-May, 2017	UC Irvine	Certificate in Mentoring Excellence Program
July, 2017	UC Irvine	Certificate in Teaching Excellence Program
April 11, 2018	Society of Research on Adolescence	Asian Caucus Pre-conference
April 15, 2018	Society of Research on Adolescence	Post-conference workshop on meta-analysis
February 19, 2019	American Camp Association	Camps on Campus Pre-Conference
June 3-7, 2019	Stats Camp (summer)	Latent Class Analysis
August 14-16, 2019	University of California system	UC Adolescent Consortium
May 8-29, 2020	UC Irvine	Certificate in Improv for Teaching
June 9-July 27, 2020	Center for the Integration of Research, Teaching and Learning	Transforming Your Research into Teaching Workshop Series