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Curriculum Vitae

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ACADEMIC APPOINTMENT

- 2019 - Present Associate Professor (with tenure), Psychometrics and Quantitative Psychology,
Department of Psychology, Fordham University
- 2013 - 2019 Assistant Professor, Psychometrics and Quantitative Psychology,
Department of Psychology, Fordham University
- 2012 - 2013 Research Assistant, Department of Psychology, Arizona State University
- 2008 - 2011 Research Assistant, Prevention Research Center, Arizona State University

EDUCATION

- 2013 Ph.D. (Psychology in Quantitative Research Methods), Arizona State University
(Advisors: Stephen G. West and Jenn-Yun Tein)
- 2010 M.A. (Psychology), Arizona State University (Advisor: Stephen G. West)
- 2008 B.S. (Psychology), Peking University (Advisor: Yiqun Gan)

LANGUAGES

English and Chinese (Cantonese and Mandarin)

RESEARCH INTERESTS

Latent Variable Interaction, Propensity Score Analysis, Missing Data Analysis

RESEARCH GRANTS

1. NIH//National Institute on Minority Health and Health Disparities (R01MD015763) 9/2021-8/2026
Discrimination and adolescent substance use: Understanding mediating and moderating mechanisms of
sleep in the ABCD study (Funded = \$2,108,204)
Wang, Y. (PI), Alegria, M., **Cham, H.**, Yip, T. (**Co-I**), Russell, A. (Consultant)
2. NIH/National Institute on Minority Health and Health Disparities (R01MD015715) 8/2021-4/2026
Social-environmental predictors of sleep disparities during the transition to college
(Funded = \$2,908,292)
Yip, T. (PI), Chae, D., **Cham, H.**, El-Sheikh, M. (**Co-I**), Mcmanus, E. (Consultant)
3. Genentech Health Equity Innovations 2020 Fund (G-89294) 1/2021-12/2024
Digital engagement of Black/African American older adults in Alzheimer's disease clinical research using the
Brain Health Registry (Funded = \$749,500)
Rivera Mindt, M., Nosheny, R., Hill, C. (Co-PI), **Cham, H.** (**Co-I**)

4. NIH/National Institute of Aging (R01 AG065110) 9/2020-5/2024
(R56 AG065110) 9/2019-8/2020
Study of aging Latinas/os for understanding dementia in HIV (SALUD HIV)
(Funded = \$4,966,708; \$4,134,428 for R01; \$832,280 for R56)
Rivera Mindt, M. (PI), Byrd, D., **Cham, H.**, Clark, U., Hedden, T., Jacobs, M., Morgello, S.,
Robinson-Papp, J., Weiss, J. (**Co-I**)
5. NIH/National Institute of Mental Health (R21 MH124902) 12/2020-11/2022
Sleep disturbance and inhibitory control as proximal predictors of suicidal ideation and behavior: A daily
diary and actigraphy study of young adults (Funded = \$447,553)
Andover, M. (PI), Hoyt, L., **Cham, H. (Co-I)**
6. Fordham University, Interdisciplinary Research Award 4/2020-12/2021
Sex-specific effects of early-life stress on cocaine addiction vulnerability (Funded = \$8,000)
Kundakovic, M. (PI), **Cham, H. (Co-I)**
7. NIH/National Institute of Aging (R21 AG054668) 8/2017-4/2021
Aging together: Relationship dynamics between the very old and their old children (Funded = \$419,855)
Boerner, K. (PI), Jopp, D. S., Rook, K., Kim, K. (Co-I),
Cham, H. (Consultant; Contributed to proposal development)
8. NIH/National Institute of Mental Health (R15 MH115356) 9/2017-3/2021
Examining adolescent outcomes of severe temper outbursts in childhood (Funded = \$460,767)
Roy, A. (PI), Hoyt, L., Castellanos, F. X., **Cham, H. (Co-I)**
9. NIH/National Institute on Minority Health and Health Disparities (R21 MD011388) 8/2016-5/2020
The effects of discrimination and sleep disturbance on health among Asian youth (Funded = \$399,779)
Yip, T. (PI), Warren T., El Sheikh, M., **Cham, H. (Co-I)**
10. NIH/National Cancer Institute (R21 CA186932) 12/2015-11/2019
Measurement of prognostic understanding in patients with advanced cancer (Funded = \$531,896)
Rosenfeld, B. (PI), Applebaum, A., Breitbart, W., Pessin, H., Glare, P., **Cham, H. (Co-I)**
11. NIH/National Institute on Minority Health and Health Disparities (F31 MD011582) 8/2017-8/2019
The longitudinal effects of hypertension on cognitive aging in underrepresented minority adults with HIV
(Funded = \$88,514)
Guzman, V. A. (PI), Rivera Mindt, M. (Sponsor), Byrd, D., **Cham, H. (Co-sponsor)**
12. Swiss National Science Foundation/NCCR LIVES (Switzerland) 9/2016-8/2018
Aging together: Relationship quality, antecedents and consequences of very old parent and advanced age
children dyads (Funded = 15,400 Swiss Francs)
Jopp, D. S., (PI), Boerner, K., (Co-I), **Cham, H. (Consultant)**
13. IES/National Center for Education Research (R30 5A120180) 3/2012-2/2017
Improving classroom learning environments by Cultivating Awareness and Resilience in Education (CARE): A
cluster randomized controlled efficacy trial (Funded = \$3,435,882)
Jennings, P. A. (PI), Greenberg, M. (Co-PI), Brown, J., Frank, J., Oh, Y. (Co-I), **Cham, H. (Analyst)**
14. Fondation Leenaards (Lausanne, Switzerland) 9/2015-8/2016
Reaching very old age together: Study on the nature and the implications of the relationship between a very
old parent and their advanced age children (Funded = 50,000 Swiss Francs)
Jopp, D. S., (PI), Boerner, K., Darwiche, J., Spini, D. (Co-I), **Cham, H. (Consultant)**

15. Peking University (Beijing, China) 2007
President's Undergraduate Research Fellowship (Funded Amount = RMB 3,000)
Cham, H. (PI)
16. Peking University (Beijing, China) 2006
14th "Challenging Cup" Scientific Research Competition Grant (Funded Amount = RMB 500)
Zhang, Y. (PI), **Cham, H. (Co-I)**

GRANT PROPOSAL IN PROGRESS (OR NOT FUNDED)

17. NIH/NHLBI 2020 (Not Funded)
A longitudinal study of economic and educational exposures and cardiometabolic health outcomes in diverse young adults (Requested Cost = \$3,177,197)
Cohen, A., Hoyt, L. T. (Co-PI), Burke, N. L., **Cham, H.**, Gamba, R., Ream, R., Rehkopf, D. H. **(Co-I)**
18. NIH/National Institute of Aging (R24) 2020 (Not Funded)
Recruitment and engagement for Alzheimer's clinical research in African-American and Latinx populations with digital and community-engaged strategies (Requested Cost = \$4,115,304)
Rivera Mindt, M., Nosheny, R., Hill, C. (Co-PI), Byrd, D., Okonkwo, O., Turner-II, R., Weiner, M. (Co-I), **Cham, H.**, Neuhaus, J. **(Statistician Co-I)**
19. NSF 2020 (Not Funded)
Mechanisms and consequences of racial sleep disparities in college students (Requested Cost = \$940,741)
Yip, T. (PI), Chae, D., **Cham, H.**, El-Sheikh, M. **(Co-I)**, Ong, A. (Consultant)
20. IES 2020 (Not Funded)
Documenting college engagement among diverse students in the era of COVID-19 and exploring institutional factors to reduce inequalities (Requested Cost = \$1,236,267)
Hoyt, L. (PI), Cohen, A. (Co-PI), **Cham, H.**, Gamba, R., Ream, R. **(Co-I)**
21. REAM Foundation 2019 (Not Funded)
Assessment and feasibility treatment trial for childhood misophonia (Requested Cost = \$317,829)
McKay, D. (PI), Kimball, S., Storch, E. (Co-I), **Cham, H. (Consultant)**
22. Patient-Centered Outcomes Research Institute 2018 (Not Funded)
The effectiveness of stakeholder-centered versus research-centric treatment for childhood anxiety disorder in community mental health clinics (Requested Cost= \$3,700,000)
McKay, D. (PI), Przeworski, A., Whiteside, S. (Co-PI), **Cham, H. (Statistician)**

PEER-REVIEWED ARTICLES (* indicates student joint-authored)

- Yip, T., **Cham, H.**, Wang, Y., & Xie, M. (in press). *Applying stress and coping models to ethnic/racial identity, discrimination, and adjustment among diverse adolescents*. *Developmental Psychology*.
- Guzman, V. A., **Cham, H.**, Gutierrez, J., Byrd, D., Morris, E. P., Tureson, K., Morgello, S., & Rivera Mindt, M. (2021). The longitudinal effects of blood pressure and hypertension on neurocognitive performance in people living with HIV. *Journal of Acquired Immune Deficiency Syndromes*. Advanced online publication.
<https://doi.org/10.1097/QAI.0000000000002740>
- Xie, M., Yip, T., **Cham, H.**, & El Sheikh, M. (2021). The impact of daily discrimination on sleep/wake problem trajectories among diverse adolescents. *Child Development*. Advanced online publication.
<https://doi.org/10.1111/cdev.13605>

4. Feng, Y.*, Cheon, Y. M., Yip, T., & **Cham, H.** (2021). Multilevel IRT analysis of the Everyday Discrimination Scale and the Racial/Ethnic Discrimination Index. *Psychological Assessment*. Advanced online publication. <https://doi.org/10.1037/pas0000906>
5. Aytürk, E.*, & **Cham, H.**, Brown, J. L., & Jennings, P. A. (2021). Exploring the performance of latent moderated structural equations approach for ordered-categorical items. *Structural Equation Modeling: A Multidisciplinary Journal*, 28, 410-422. <https://doi.org/10.1080/10705511.2020.1810047>
6. Crook, C. L.*, Savin, M. J.*, Byrd, D., Summers, A. C.*, Guzman, V. A., Morris, E. P., Tureson, K., Aghvinian, M.*, **Cham, H.**, & Rivera Mindt, M. (2020). The neurocognitive effects of a past cannabis use disorder in a diverse sample of people living with HIV. *AIDS Care*. Advanced online publication. <https://doi.org/10.1080/09540121.2020.1822504>
7. Aytürk, E.*, **Cham, H.**, Jennings, P. A., & Brown, J. L. (2020). Latent variable interactions with ordered-categorical indicators: Comparisons of unconstrained product indicator and latent moderated structural equations approaches. *Educational and Psychological Measurement*, 80, 262-292. <https://doi.org/10.1177/0013164419865017>
8. Saracino, R. M., Aytürk, E.*, **Cham, H.**, Rosenfeld, B., Feuerstahler, L. M., & Nelson, C. J. (2020). Are we accurately evaluating depression in patients with cancer? *Psychological Assessment*, 32, 98-107. <https://doi.org/10.1037/pas0000765>
9. Saracino, R. M., **Cham, H.**, Rosenfeld, B., & Nelson, C. (2020). Confirmatory factor analysis of the Center for Epidemiologic Studies Depression scale in oncology with examination of invariance between younger and older patients. *European Journal of Psychological Assessment*, 36, 229-236. <https://doi.org/10.1027/1015-5759/a000510>
10. Saracino, R. M., **Cham, H.**, Rosenfeld, B., & Nelson, C. (2020). Latent profile analyses of depressive symptoms in younger and older oncology patients. *Assessment*, 27, 1383-1398. <https://doi.org/10.1177/1073191118784653>
11. Yazdani, N.*, Siedlecki, K. L., Cao, Z.*, & **Cham, H.** (2020). Longitudinal impact of sociocultural factors and parent beliefs on parent-teacher relationship strength. *The Elementary School Journal*, 121, 1-33. <https://doi.org/10.1086/709881>
12. Yip, T., **Cham, H.**, Wang, Y., & El-Sheikh, M. (2020). Discrimination and sleep mediate ethnic/racial identity and adolescent adjustment: Uncovering change processes with slope-as-mediator mediation. *Child Development*, 91, 1021-1043. <https://doi.org/10.1111/cdev.13276>
13. Yip, T., Cheon, Y. M., Wang, Y., **Cham, H.**, Warren, T., & El-Sheikh, M. (2020). Racial disparities in sleep: Associations with discrimination among ethnic/racial minority adolescents. *Child Development*, 91, 914-931. <https://doi.org/10.1111/cdev.13234>
14. Jung, S., **Cham, H.**, Siedlecki, K. L., & Jopp, D. S. (2019). Measurement invariance and developmental trajectories of multidimensional self-perceptions of aging in middle-aged and older adults. *Journal of Gerontology: Series B*. Advanced online publication. <https://doi.org/10.1093/geronb/gbz099>
15. Jaric, I.*, Rocks, D.*, **Cham, H.**, Herchek, A.*, & Kundakovic, M. (2019). Sex and estrous cycle effects on anxiety- and depression-related phenotypes in two-hit developmental stress model. *Frontiers in Molecular Neuroscience*. <https://doi.org/10.3389/fnmol.2019.00074>
16. Wang, Y., **Cham, H.**, Aladin, M.*, & Yip, T. (2019). Parental cultural socialization and adolescent private regard: Exploring mediating pathways through daily experiences. *Child Development*, 90, e19-e36. <https://doi.org/10.1111/cdev.12911>

17. **Cham, H.**, Reshetnyak, E. *, Rosenfeld, B., & Breitbart, W. (2017). Full information maximum likelihood estimation for latent variable interactions with incomplete indicators. *Multivariate Behavioral Research*, *51*, 12-30. <https://doi.org/10.1080/00273171.2016.1245600>
18. Jennings, P. A., Brown, J. L., Frank, J. L., Doyle, S., Oh, Y., Tanler, R., Rasheed, D., DeWeese, A., DeMauro, A. A., **Cham, H.**, & Greenberg, M. T. (2017). Impacts of the CARE for Teachers Program on teachers' social and emotional competence and classroom interactions. *Journal of Educational Psychology*, *109*, 1010-1028. <https://doi.org/10.1037/edu0000187>
19. Rosenfeld, B., **Cham, H.**, Pessin, H., & Breitbart, W. (2017). Why is Meaning-Centered Group Psychotherapy (MCGP) effective? Mediation effects of sense of meaning and peace in life for advanced cancer patients. *Psycho-Oncology*, *27*, 654-660. <https://doi.org/10.1002/pon.4578>
20. Chabot, D. R., & **Cham, H.** (2016). Development of Pursuer-Distancer Movement Scale - Short Form (PDMS-SF). *Journal of Psychology and Behavioral Science*, *4*(2), 80-88. <https://doi.org/10.15640/jpbs.v4n2a8>
21. **Cham, H.**, & West, S. G. (2016). Propensity score analysis with missing data. *Psychological Methods*, *21*, 427-445. <https://doi.org/10.1037/met0000076>
22. Hoyt, L. T., Ehrlich, K. B., **Cham, H.**, & Adam, E. K. (2016). Balancing scientific accuracy and participant burden: Testing the impact of sampling intensity on diurnal cortisol indices. *Stress*, *19*, 476-485. <https://doi.org/10.1080/10253890.2016.1206884>
23. Reshetnyak, E. *, **Cham, H.**, & Hughes, J. N. (2016). Using marginal structural modeling for grade retention effects. *Multivariate Behavioral Research*, *51*, 871-876. <https://doi.org/10.1080/00273171.2016.1200454>
24. Sandler, I., Tein, J-Y., **Cham, H.**, Wolchik, S., & Ayers, T. (2016). Long-term effects of the Family Bereavement Program on spousally bereaved parents: Grief, mental health problems, alcohol problems, and coping efficacy. *Development and Psychopathology*, *28*, 801-818. <https://doi.org/10.1017/S0954579416000328>
25. **Cham, H.**, Hughes, J. N., West, S. G., & Im, M. H. (2015). Effect of retention in elementary grades on grade 9 motivation for educational attainment. *Journal of School Psychology*, *53*, 7-24. <https://doi.org/10.1016/j.jsp.2014.10.001>
26. Fan, Y. *, & **Cham, H.** (2015). Psychometrics in the People's Republic of China: The past and the present. *International Psychological Bulletin*, *19*(2), 44-46.
27. Hughes, J. N., Im, M. H., Kwok, O-M., **Cham, H.**, & West, S. G. (2015). Latino students' transition to middle school: Role of bilingual education and school ethnic context. *Journal of Research on Adolescence*, *25*, 443-458. <https://doi.org/10.1111/jora.12142>
28. **Cham, H.**, Hughes, J. N., West, S. G., & Im, M. H. (2014). Assessment of adolescent's motivation for educational attainment. *Psychological Assessment*, *26*, 642-659. <https://doi.org/10.1037/a0036213>
29. Enders, C. K., Baraldi, A. N., & **Cham, H.** (2014). Estimating interaction effects with incomplete predictor variables. *Psychological Methods*, *19*, 39-55. <https://doi.org/10.1037/a0035314>
30. Knight, G. P., Babilio, C. D., **Cham, H.**, Gonzales, N. A., Liu, Y., & Umaña-Taylor, A. J. (2014). Trajectories of Mexican American and mainstream cultural values among Mexican American adolescents. *Journal of Youth and Adolescence*, *43*, 2012-2027. <https://doi.org/10.1007/s10964-013-9983-8>
31. Liu, N. H., Philbin, M. M., & **Cham, H.** (2014). Depression and stigma among HIV-positive injection drug users in China: An exploratory study. *Journal of HIV/AIDS and Social Services*, *13*, 371-382. <https://doi.org/10.1080/15381501.2013.835297>
32. West, S. G., **Cham, H.**, Thoemmes, F., Renneberg, B., Schulze, J., & Weiler, M. (2014). Propensity scores for equating groups: Basic principles and applications in clinical treatment outcome research. *Journal of Consulting and Clinical Psychology*, *82*, 906-919. <https://doi.org/10.1037/a0036387>

33. **Cham, H.**, Baraldi, A. N., & Enders, C. K. (2013). Applying maximum likelihood estimation and multiple imputation to moderated regression models with incomplete predictor variables [Abstract]. *Multivariate Behavioral Research*, *48*, 153-154. <https://doi.org/10.1080/00273171.2012.748359>
34. Dearnorff, J., **Cham, H.**, Gonzales, N. A., White, R. M. B., Tein, J-Y., Wong, J., & Roosa, M. W. (2013). Pubertal timing and Mexican-origin girls' internalizing and externalizing symptoms: The influence of harsh parenting. *Developmental Psychology*, *49*, 1790-1804. <https://doi.org/10.1037/a0031016>
35. Tein, J-Y., Coxe, S., & **Cham, H.** (2013). Statistical power to detect the correct number of classes in latent profile analysis. *Structural Equation Modeling*, *20*, 640-657. <https://doi.org/10.1080/10705511.2013.824781>
36. **Cham, H.**, West, S. G., Ma, Y., & Aiken, L. S. (2012). Estimating latent variable interactions with nonnormal observed data: A comparison of four approaches. *Multivariate Behavioral Research*, *47*, 840-876. <https://doi.org/10.1080/00273171.2012.732901>
37. Roosa, M. W., O'Donnell, M., **Cham, H.**, Gonzales, N. A., Zeiders, K. H., Tein, J-Y., Knight, G. P., & Umaña-Taylor, A. (2012). A prospective study of Mexican American adolescents' academic success: Considering family and individual factors. *Journal of Youth and Adolescence*, *41*, 307-319. <https://doi.org/10.1007/s10964-011-9707-x>
38. Kelava, A., Werner, C. S., Schermelleh-Engel, K., Moosbrugger, H., Zapf, D., Ma, Y., **Cham, H.**, Aiken, L. S., & West, S. G. (2011). Advanced nonlinear latent variable modeling: Distribution analytic LMS and QML estimators of interaction and quadratic effects. *Structural Equation Modeling*, *18*, 465-491. <https://doi.org/10.1080/10705511.2011.582408>
39. West, S. G., Ryu, E., Kwok, O-M., & **Cham, H.** (2011). Multilevel modeling: Current and future applications in personality research. *Journal of Personality*, *79*, 2-50. <https://doi.org/10.1111/j.1467-6494.2010.00681.x>
40. **Cham, H.**, & Gan, Y. (2008). Reliability and validity of problem-focused style of coping inventory and its relation between psychological distress. *Chinese Mental Health Journal*, *22*, 193-197.
41. Zhang, Y., Gan, Y., & **Cham, H.** (2007). Perfectionism, academic burnout and engagement among Chinese college students: A structural equation modeling analysis. *Personality and Individual Differences*, *43*, 1529-1540. <https://doi.org/10.1016/j.paid.2007.04.010>
42. Zhang, Y., Gan, Y., **Cham, H.**, & Liao, H. (2007). Perfectionistic self-presentation in Chinese college students and its relations with self-esteem. *Chinese Mental Health Journal*, *21*, 94-96.

BOOK CHAPTERS (* indicates student joint-authored)

1. **Cham, H.** (in press). Quasi-experimental designs. In G. Asmundson (Ed.), *Comprehensive clinical psychology* (2nd ed.). Elsevier.
2. West, S. G., Liu, Y., & **Cham, H.** (2018). Causation. In M. H. Bornstein, M. E. Arterberry, K. L. Fingerman, & J. E. Lansford (Eds.), *The SAGE encyclopedia of lifespan human development*. Sage. <https://doi.org/10.4135/9781506307633.n124>
3. West, S. G., **Cham, H.**, & Thoemmes, F. (2015). Propensity scores analysis. In R. L. Cautin & S. O. Lilienfeld (Eds.), *Encyclopedia of clinical psychology*. Wiley. <https://doi.org/10.1002/9781118625392.wbecp505>
4. West, S. G., **Cham, H.**, & Liu, Y. (2014). Causal inference and generalization in field settings: Experimental and quasi-experimental designs. In H. T. Reis & C. M. Judd (Eds.), *Handbook of research methods in social and personality psychology* (2nd ed.) (pp. 49-80). Cambridge University Press.
5. West, S. G., Aiken, L. S., **Cham, H.**, & Liu, Y. (2013). Multiple regression: The basics and beyond for clinical scientists. In J. S. Comer & P. C. Kendall (Eds.), *The Oxford handbook of research strategies for clinical psychology* (pp. 227-252). Oxford University Press.

6. Millsap, R. E. & **Cham, H.** (2012). Investigating factorial invariance in longitudinal data. In B. Laursen, T. D. Little, & N. A. Card (Eds.), *Handbook of developmental research methods* (pp. 109-126). Guilford Press.

MANUSCRIPTS IN PROGRESS (* indicates student joint-authored)

1. Rosenfeld, B., Walsh, L. E.*, Zhu, D.*, **Cham, H.**, Polacek, L. C., Masterson, M., & Applebaum, A. (submitted). *Measuring a patient's understanding of their prognosis*. Psychological Assessment.
2. Abramovitch, A., Abramowitz, J. A., McKay, D., **Cham, H.**, Anderson, K., Farrell, L., Geller, D. A., Hanna G. L., Mathieu, S., McGuire, J. F., Rosenberg, D., Stewart, E., Storch, E. A., & Wilhelm, S. (submitted). *A revision of the Obsessive-Compulsive Inventory - Child Version: The OCI-CV-R*. European Child and Adolescent Psychiatry.
3. Yip, T., Xie, M., **Cham, H.**, & El Sheikh, M. (submitted). *Linking discrimination to adolescent health: Sleep disturbances as an explanatory pathway*. Child Development.
4. Brown, J. L., Jennings, P. A., Rasheed D., **Cham, H.**, Doyle, S., Frank, J. L., David, R., & Greenberg, M. (in preparation). *Direct and moderating impacts of the CARE mindfulness-based professional learning program for teachers on children's academic and social-emotional outcomes*.
5. **Cham, H.**, Yip, T., Wang, Y., & Aytürk, E. (in preparation). *Mechanisms of change via relationships between variables (slope-as-mediator): A multilevel structural equation modeling framework*.
6. Cheon, Y. M., Feng, Y., **Cham, H.**, & Yip, T. (in preparation). *Testing measurement invariance of ethnic/racial identity measures: Across ethnicity/race and time among adolescents and young adults*.

PRESENTATIONS & SYMPOSIA (* indicates student joint-authored)

1. Oleas, D. S.*, Aghvinian, M. N.*, Summers, A. C.*, Savin, M. J.*, Stiver, J.*, Breen, E. A.*, Slaughter, A., **Cham, H.**, Talavera, S., Byrd, D., Robinson-Papp, J., Rivera-Mindt, M. (2022, February). The effects of acculturation and perceived discrimination on neurocognitive functioning in immigrants and U.S. born individuals with HIV. Paper going to be presented at International Neuropsychological Society 2022 Annual Meeting, New Orleans, LA.
2. Savin, M. J.*, Byrd, D., Judd, T., Verney, S., Radford, K., Cysique, L. A., Rourke, S. B., Armenta, R. F., Franklin, D., Marcotte, T. D., **Cham, H.**, & Rivera-Mindt, M. (2022, February). American Indian and Alaska Native disparities in trajectories of cognitive aging. Paper going to be presented at International Neuropsychological Society 2022 Annual Meeting, New Orleans, LA.
3. Zhu, D.*, **Cham, H.**, & Cao, Z.* (2021, May). *Psychometric analysis of Student Evaluation of Education Quality on instructor gender and race differences*. Poster presented at 2021 Association for Psychological Science Virtual Convention and Poster Showcase.
4. Xie, M., Yip, T., & **Cham, H.** (2021, April). *The daily impact of discrimination on sleep/wake problems among diverse adolescents*. Paper presented at 2021 Society for Research in Child Development (SRCD) Virtual Biennial Meeting.
5. Zhu, D.*, **Cham, H.**, Hariprasad, J.*, & Fordham Arts and Science Council Faculty Evaluation Committee (2020, June-September). *A meta-analysis of instructor gender and race differences on student evaluation of teaching*. Poster presented at 32nd Association for Psychological Science Annual Convention – Virtual Poster Showcase.
6. Cao, Z.* & **Cham, H.** (2020, June). *Effect size measure for mediation analysis with multicategorical predictor*. Poster presented at 2020 Modern Modeling Methods (M³) Conference, Storrs, CT. (Conference canceled)
7. Feng, Y.* & **Cham, H.** (2019, July). *Dealing with item-level missingness in multilevel data structure*. Poster presented at the 84th Annual Meeting of the Psychometric Society, Santiago, Chile.

8. Cheon, Y. M., Feng, Y.*, **Cham, H.**, & Yip, T. (2019, March). *Testing measurement invariance of Multigroup Ethnic Identity Measure (MEIM) and Multidimensional Inventory of Black Identity (MIBI): Across race and time in high school and college students*. Paper presented at 2019 Society for Research in Child Development (SRCD) Biennial Meeting, Baltimore, MD.
9. Saracino, R. M., Aytürk, E.*, **Cham, H.**, Rosenfeld, B., & Nelson, C. J. (2019, March). *Substitutive depression criteria in oncology outperforms DSM criteria using IRT analyses*. Poster presented at 2019 Annual Meeting of the Society of Behavioral Medicine, Washington DC.
10. Jung, S., **Cham, H.**, Siedlecki, K. L., & Jopp, D. S. (2018, November). *Effects of multidimensional self-perceptions of aging on longevity*. Poster presented at the 70th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA.
11. Aytürk, E.*, & **Cham, H.** (2018, May). *Performance of the LMS procedure in estimating latent interaction models with ordered-categorical indicators*. Paper presented at 2018 Modern Modeling Methods (M³) Conference, Storrs, CT.
12. **Cham, H.** (2018, February). *Above and beyond paired t test and repeated measures ANOVA: What else can we do with longitudinal data?*. Paper presented at Brown Bag Seminar, Department of Neurology, Icahn School of Medicine at Mount Sinai, New York, NY. [invited talk]
13. West, S. G., Hughes, J. N., Wu, W., **Cham, H.**, & Kim, H. J. (2017, October). *The effect of retention in grade on children's achievement and early adult life outcomes: A methodological retrospective on a 14-year prospective study*. Paper presented at 2017 Society of Multivariate Experimental Psychology Conference, Minneapolis, Minnesota.
14. Aytürk, E.*, & **Cham, H.** (2017, April). *Estimating latent variable interactions with non-normal and Likert-type variables*. Paper presented at the 2017 Annual Meeting of the National Council on Measurement in Education (NCME), San Antonio, Texas.
15. Brown, J. L., Jennings, P. A., Rasheed, D. S., **Cham, H.**, Doyle, S. L., Frank, J. L., DeWeese, A. R., & Greenberg, M. T. (2017, April). *Associations between teacher stress and well-being and children's academic and social skills during middle childhood*. Paper presented at the 2017 Society for Research in Child Development (SRCD) Biennial Meeting, Austin, Texas.
16. Jung, S.*, **Cham, H.**, & Siedlecki, K. L. (2016, November). *Developmental trajectories of multidimensional self-perceptions of aging*. Poster presented at the 69th Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.
17. **Cham, H.**, & Hurley, L.* (2016, August). *Comparisons of different multiple imputation procedures via recursive partitioning*. Paper presented at the 2016 American Psychological Association Annual Convention, Denver, CO.
18. Tein, J-Y., & **Cham, H.** (2016, July). *Four alternative methods of growth modeling to examine longitudinal intervention effects*. Paper presented at the 31st International Congress of Psychology (ICP2016), Yokohama, Japan.
19. **Cham, H.**, Hurley, L.*, & Teng, Y.* (2016, May). *Optimizing random forests propensity scores*. Paper presented at 2016 Modern Modeling Methods (M³) Conference, Storrs, CT.
20. Reshetnyak, E.*, & **Cham, H.** (2016, May). *Estimating latent variable interactions with incomplete exogenous indicators via CART in MICE using unconstrained product indicator approach*. Paper presented at 2016 Modern Modeling Methods (M³) Conference, Storrs, CT.

21. **Cham, H.**, & Reshetnyak, E.* (2016, May). *Resolving non-normality and missing at random items in latent variable interactions: Multiple imputation using regression tree in unconstrained product indicator approach*. Paper presented at 2016 Spring Brown Bag Seminar, Department of Human Development, Teachers College, Columbia University, New York, NY. [invited talk]
22. Brown, J. L., Jennings, P. A., Rasheed, D. S., **Cham, H.**, Doyle, S. L., Frank, J. L., Davis, R. T., DeWeese, A. R., & Greenberg, M. T. (2016, April). *Direct and moderating impacts of the CARE for Teachers intervention on student academic outcomes*. Paper presented at 2016 AERA Annual Meeting, Washington, D.C.
23. Smith, N.*, **Cham, H.**, Brown, J. (2016, March). *Parent home and school involvement trajectories and youth classroom engagement across two school transitions*. Paper presented at 2016 Society for Research on Adolescence Biennial Meeting, Baltimore, MD.
24. Tein, J-Y., & **Cham, H.** (2015, July). *Alternative methods of latent growth modeling for examining intervention effects*. Paper presented at the 80th Annual Meeting of the Psychometric Society, Beijing, China.
25. **Cham, H.**, & Reshetnyak, E.* (2015, May). *Estimating latent variable interactions with incomplete exogenous items*. Paper presented at 2015 Modern Modeling Methods (M³) Conference, Storrs, CT.
26. Lehrfeld, J. L. *, & **Cham, H.** (2015, May). *Performance of the mean- and variance-adjusted ML χ^2 test statistic with and without Satterthwaite df correction*. Paper presented at 2015 Modern Modeling Methods (M³) Conference, Storrs, CT.
27. Reshetnyak, E. *, & **Cham, H.** (2015, May). *Performances of mixture latent moderated structural equations approach*. Paper presented at 2015 Modern Modeling Methods (M³) Conference, Storrs, CT.
28. West, S. G., **Cham, H.**, Hughes, J. N., & Wu, W. (2015, April). *Retaining low achieving children in first grade: How do we evaluate the effects?*. Paper presented at LEAD Retreat of the LEAD (Learning, Educational Achievement, and Life Course Development) Graduate School, Bad Urach, Germany.
29. Im, M. H., Hughes, J. N., Kwok, O-M., **Cham, H.**, & West, S. G. (2013, April). *Changes in trajectories of engagement at the transition to middle school among academically at-risk Hispanic students: Implications for achievement*. Paper presented at 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA.
30. **Cham, H.**, Baraldi, A. N., & Enders, C. K. (2012, October). *Applying maximum likelihood estimation and multiple imputation to moderated regression models with incomplete predictor variables*. Poster session presented at 2012 Society of Multivariate Experimental Psychology Student Pre-Conference, Vancouver, British Columbia, Canada.
31. Baraldi, A. N., **Cham, H.**, & Enders, C. K. (2012, May). *Estimating moderated regression models with incomplete predictor variables*. Paper presented at 2012 Modern Modeling Methods (M³) Conference, Storrs, CT.
32. Ayers, T., Sandler, I., Tein, J-Y., **Cham, H.**, & Wolchik, S. (2012, March). *Family bereavement program effects on bereaved parents*. Paper presented at Association for Death Education and Counseling 34th Annual Conference, Atlanta, GA.
33. Sandler, I., **Cham, H.**, Tein, J-Y., & Mahrer, N. (2011, September). *Six-year effects of the family bereavement program on bereaved parents: Estimating effects and untangling mediating pathways*. Paper presented at Prevention Science and Methodology Group.
34. **Cham, H.**, & Tein, J-Y. (2011, July). *Examination of robustness of heterogeneity of residual variance in mediation effect with categorical exogenous variable*. Paper presented at the 76th Annual Meeting of the Psychometric Society, Hong Kong, China.

35. Sandler, I., **Cham, H.**, Tein, J-Y., Hagan, M., Ayers, T., & Wolchik, S. (2011, June). *Effects of the family bereavement program on mental health and alcohol abuse of bereaved parents six-years later*. Poster session presented at Society for Prevention Research 19th Annual Meeting, Washington D.C., United States.
36. Dearnorff, J., **Cham, H.**, Gonzales, N. A., White, R. M. B., Tein, J-Y., Wong, J., Roosa, M. W., & Knight, G. P. (2011, March). *Early puberty and Mexican American girls' internalizing and externalizing symptoms: The influence of parenting behaviors*. Paper presented at 2011 Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
37. Tein, J-Y., **Cham, H.**, Coxe, S., (2009, July). *Statistical power to detect the correct number of classes in latent class analysis*. Poster session presented at the 74th Annual Meeting of the Psychometric Society, Cambridge, United Kingdom.
38. Zhang, Y., Gan, Y., **Cham, H.**, & Liao, H. (2006, May). *Perfectionism and its relations with students' burnout and engagement: A structural equation modeling analysis*. Paper presented at the 1st Asian Cognitive Behaviour Therapy Conference, Chinese University of Hong Kong, Hong Kong, China.

ACADEMIC AWARDS & HONORS

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|-------------|--|
| 2019 | Best abstract award for the poster titled "Substitutive Depression Criteria in Oncology Outperforms DSM Criteria using IRT Analyses" and presented at 2019 Annual Meeting of the Society of Behavioral Medicine, Washington DC (co-authored with Saracino, R. M., Aytürk, E., Rosenfeld, B., and Nelson, C. J [third author]), SBM Multi-Morbidities Special Interest Group. |
| 2017 | 2017 APS Rising Star designation to outstanding psychological scientists in the earliest stages of their research careers post-PhD, Association for Psychological Science |
| 2017 | Workshop Award, Q-Center Methodological Workshop, for the workshop "Design and Analysis of Practical Quasi-Experiments Workshop" (supported by the Institute of Education Sciences (IES)) |
| 2015 | Prix Leenaards "Qualité de vie des personnes âgées", Fondation Lennaards (Lausanne, Switzerland), for innovative exploratory research projects on quality of life in older adults. |
| 2012 | Student Conference Travel Award, Society of Multivariate Experimental Psychology, for the conference "2012 Society of Multivariate Experimental Psychology Student Pre-Conference" |
| 2012 | Workshop Travel Award, Society of Multivariate Experimental Psychology, for the workshop "Exploratory Data Mining in Behavioral Research" |
| 2011 | Graduate & Professional Student Association Travel Grant, Arizona State University, for the conference "The 76th Annual Meeting of the Psychometric Society" |
| 2010 | Student Conference Travel Award, Society of Multivariate Experimental Psychology, for the conference "Current Topics in the Theory and Application of Latent Variable Models: A Conference Honoring the Scientific Contributions of Michael W. Browne" |
| 2010 | APA Advanced Training Institute Travel Grant, for the workshop "Structural Equation Modeling in Longitudinal Research" |
| 2010 | Workshop Travel Award, Society of Multivariate Experimental Psychology, for the workshop "Structural Equation Modeling in Longitudinal Research" |
| 2004 - 2008 | China Resources (Holdings) Co. Ltd. Scholarship |
| 2007 | Scholarship for Taiwan, Hong Kong, Macao and Overseas Chinese Students, Peking University |
| 2006 | Dean's Award for Academic Excellence, Peking University |
| 2006 | 1st Honor Award, 14th "Challenging Cup" Scientific Research Competition, Peking University |

TEACHING EXPERIENCESUndergraduate Courses

Research Methods (with Lab) [13 Fall - 15 Fall, 19 Spring, 20 Spring, 21 Spring, 21 Fall]

(Instructor Rating = 7.5/9.0)

Statistics (with Lab) [16 Spring, 17 Spring - 18 Spring] (Instructor Rating = 8.2/9.0)

Graduate Courses

Introduction to Psychological Statistics (with Lab) [14 Spring, 15 Spring, 15 Fall, 18 Fall]

(Instructor Rating = 7.7/9.0)

Hierarchical Linear Modeling (with Lab) [14 Fall, 17 Spring, 18 Fall, 20 Fall] (Instructor Rating = 8.5/9.0)

Missing Data Analysis [19 Spring] (Instructor Rating = 9.0/9.0)

Regression (with Lab) [22 Spring]

Structural Equation Modeling (with Lab) [13 Fall, 16 Spring, 18 Spring, 19 Fall, 22 Spring]

(Instructor Rating = 8.6/9.0)

Graduate Tutorial

Introduction to Structural Equation Modeling [15 Fall]

Statistical Learning and Data Mining [14 Spring, 14 Fall, 16 Spring]

As Teaching Assistant

Structural Equation Modeling [12 Spring, 13 Spring; Arizona State University]

Introduction to Psychological Statistics [08 Spring; Peking University]

ACADEMIC MENTORING AND ADVISING**DIRECT MENTORSHIP**

(Completed)

Ezgi Aytürk	(M.A., 2016; Ph.D, 2020; primary mentor excluding the doctoral dissertation (committee member); First Job: Post-doctoral Fellow in Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, and Recipient of COFUNDED 2 Brain Circulation Scheme Fellowship, Scientific and Technological Research Council of Turkey, European Commission)
Vanessa Guzman	(Ph.D, 2020; co-mentor with Monica Rivera Mindt; First Job: Post-doctoral Fellow in Department of Neurology, Columbia University Irving Medical Center)
Landon Hurley	(M.A., 2016; Ph.D, 2019; co-mentor with Ann Higgins-D'Alessandro; First Job: Post-doctoral Fellow in Department of Epidemiology, Yale School of Medicine)
Evgeniya Reshetnyak	(Ph.D, 2017; First Job: Senior Research Data Analyst in Weill Cornell Graduate School of Medical Sciences)
Seojung Jung	(Ph.D, 2016; co-mentored with Karen Siedlecki; First Job: Assistant Professor in Department of Psychology, SUNY Old Westbury [tenure-track])
Jonathan Lehrfeld	(Ph.D, 2016; First Job: Measurement Scientist in Council for Aid in Education)
Yi Shi	(Ph.D, 2016; co-mentored with Ann Higgins-D'Alessandro; First Job: Senior Research Associate in Catalyst Inc.)
Danqi Zhu	(M.A., 2021)

Zihuan Cao	(M.A., 2019)
Ye Feng	(M.A., 2018)
Yue Teng	(M.A., 2017)
Michael Ceraso	(B.A. Honors, 2016; co-mentored with Keith Cruise)

(In progress)

Abraham Lipton (Ph.D candidate), Yue Teng (Ph.D candidate), Ye Feng (Ph.D candidate), Zihuan Cao (Ph.D candidate), Danqi Zhu (Ph.D student), Hyunjung Lee (Ph.D student), Igor Migunoff (Ph.D student), Xinyue (Sam) Deng (Ph.D student)

COMMITTEE MEMBER (READER)

Doctoral Dissertation

(In progress) Maria Jimenez-Salazar, Angela Summers, Micah Savin, Maral Aghvinian, Jordan Stiver

(Completed, in chronological order)

Yuanchao Bo	Jennifer Lord-Bessen	Daniel Benjamin	Kelly Coulehan	Joseph Grochowalski
Andrea McNamara	Meirav Attali	Sheena Jeswani	Naila Smith	Rebecca Saracino
Stephanie Hicks	Miguel Arce	James Griffin	Shixin Fang	Sonia Roubeni
Travis Shivley-Scott	Liam Duffy	Ashley Pierson	Audra Olazabal	Essie Sutton
Caroline Holman	Candace Mootoo	Li Niu	Lauren Mancusi	Ezgi Aytürk
John Gomez Varon	Evan Holloway	Emily Ho	Pat Olsen	Cara Crook
Jeannette Reid	Ciara Nestor	Yizhi Zhang		

Master's Thesis

(Completed, in chronological order)

Yuyu Fan	Abraham Lipton	Victoria Song	Yizhi Zhang	Kaitlyn Mare
Ying Han	Aaliyah Gray	Yasmin Hussein		

ADVISING

2015 - Present	Academic Advisor, Psychology Major Advising Program, Fordham College of Rose Hill
2015 - 2019	Academic Advisor, Sophomore Advising Program, Fordham College of Rose Hill
2014 - 2019	Academic Advisor, Core Advising Program, Fordham College of Rose Hill

ACADEMIC SERVICES

EXTERNAL

2018 - Present	Editorial Board, Multivariate Behavioral Research
2017 - 2020	Grant Panel Member, Institute of Education Sciences
2020	Grant Reviewer, Institute of Education Sciences
2019	Grant Reviewer, U.S.-Israel Binational Science Foundation
2016	Grant Reviewer, Research Foundation Flanders FWO (Belgium)
2014	Grant Reviewer, National Science Foundation

Ad-hoc Reviewer Science, Advances in Methods and Practices in Psychological Science, BMC Medical Research Methodology, Behavioral Research Methods, Frontiers in Psychology: Quantitative Psychology and Measurement, Journal of Modern Applied Statistical Methods, Journal of the Royal Statistical Society, Multivariate Behavioral Research, Psychometrika, Statistics in Medicine, Structural Equation Modeling, Psychological Assessment, Developmental Psychology, Additive Behaviors, Administration and Policy in Mental Health and Mental Health Services Research, Asia Pacific Education Review, Learning and Individual Differences, PLOS ONE, Social Behavior and Personality, Vulnerable Children and Youth Studies, Patient-Centered Outcomes Research Institute

FORDHAM UNIVERSITY

Fall 2020 - Present Member, Psychology Department Diversity, Equity, and Inclusion (DEI) Advisory Council

Fall 2019 - Present Director, Psychometrics and Quantitative Psychology Ph.D. Program

Spring 2019 Interim Director, Psychometrics and Quantitative Psychology Ph.D. Program

Fall 18, Fall 19, Spring 20, Moderator, Psychometric Topics Seminar

Fall 20, Spring 21

2015 - Present Chair, Undergraduate Statistics Course Lab Manual

2013 - Present Member, Applied Psychological Methods MS Program Advisory Committee

2017 - 2020 Chair, Arts & Science Council Faculty Evaluation Committee

2013 - 2018 Member, Psychometrics and Quantitative Psychology Ph.D. Program

2014 - 2018 Member, Faculty Merit Committee

2017 - 2018 Member, Psychometrics and Quantitative Psychology Faculty Search Committee

2018 - 2019 Member, Clinical Psychology Faculty Search Committee

2016 - 2017 Member, Clinical Psychology Faculty Search Committee

2015 - 2016 Member, Psychometrics and Quantitative Psychology Faculty Search Committee

2014 - 2016 Member, Arts & Science Council Faculty Evaluation Committee

2014 - 2015 Member, Applied Developmental Psychology Faculty Search Committee

2014 Member, Core Sequence Review Committee

PROFESSIONAL AFFILIATIONS

2018 - Present Member, Association for Psychological Science

2017 - 2019, 2021 - Present Member, American Psychological Association Division 5

2016 - 2019 Member, American Psychological Association