

Chiung-Fang Chang

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Education

Doctor of Philosophy, McGill University, Montreal, QC	2017-Present
Educational Psychology–Learning Sciences (Supervisor: Dr. N. C. Hall)	
Master of Education, Technical University of Munich, Germany	2015
Master Research on Teaching and Learning	
Bachelor of Education, National Taiwan Normal University, Taipei, Taiwan	2012
Adult and Continuing Education (Major, Graduated with Distinction) Fundamental Management (Certificate Program / Minor)	
Exchange Year, University of Nevada, Reno, NV	2011
Sociology (Course credits applied to Bachelor of Education)	
High School, Kaohsiung Girls Senior High School, Taiwan	2008

Work Experience

Research

Research Assistant, Achievement Motivation and Emotion Research Group	2017-Present
<i>Dr. Nathan Hall, Dept. of Educational and Counselling Psychology, McGill University</i>	
*Full-time, current	
*Coordinate research investigating teachers' motivational strategies and emotions	
*Analyze data, disseminate information, and write scholarly reports	
Research Assistant, Susanne Klatten Chair for Empirical Educational Research	2015
<i>Prof. Dr. M. Prenzel, School of Education, Technical University of Munich</i>	
*Intern, one month	
*Worked on the project that examined pre-teachers' research competence	
*Coded and analyzed data (e.g., factor analysis)	
Research Assistant, Heinz Nixdorf Chair for Mathematics Education	2014-2015
<i>Prof. Dr. K. Reiss, School of Education, Technical University of Munich</i>	
*Part-time, 6 months	
*Helped research mathematical reasoning	
*Translated questionnaires (English-Mandarin)	
*Coded and analyzed data (e.g., content analysis)	
Research and Administrative Assistant, Center for Teacher Education	2012-2013
<i>Dr. Chin-Ya Fang, National Kaohsiung Normal University, Kaohsiung, Taiwan</i>	
*Full-time, 10 months	
*Worked on the research of children's literacy with computer-aided instruments	
*Collected, Coded and analyzed data (from five elementary schools)	
*Managed projects and organized conferences (100 teacher participants)	
*Participated in the PISA workshops on reading literacy	

Teaching, Internships and Others

Teaching Assistant, McGill University	2018-2021
<i>Dept. of Educational and Counselling Psychology, McGill University, Montreal, QC</i>	

- *EDPE 304 "Measurement and Evaluation" (Winter 2018, Fall 2018 & 2019)
- *EDPE 635 "Theories of Learning and Instruction" (Winter 2020)
- *EDPE 676 "Intermediate Statistics" (Fall 2020)
- *EDPE 575 "Statistics for Practitioners" (Winter 2021, online massive course)
- *Marked quizzes and research papers, taught workshops, and led statistical sessions
- *Evaluated group paper on alternative and multi-unit assessment plans

Mandarin Teacher, Pumen Language School **2017-2018**

International Buddhist Progress Society of Montreal (NGO&NPO), Montreal, QC

- *Volunteer, two hours per week during the school semester
- *Taught four second-grade students
- *Created lesson plans, graded assignments, and prepared class activities
- *Communicated with parents and assisted in school cultural events

Specialist of Educational Activities and Copywriting **2016**

Angel Garden (a leisure farm of orchids), Pingtung, Taiwan

- *Part-time, three months
- *Provided orchid tours in groups with the integration of ecological literacy
- *Established the training system for docents and organized materials needed for guided tours
- *Worked as a copy editor for journals, tourism bureaus, orchid expo, websites and business advertisements

Assistant Coordinator, Press Department **2014**

Taipei Representative Office in Munich, Germany

- *Intern, one month
- *Coordinated press events and international affairs

Correspondent for "Change" e-paper **2009-2010**

Office of Teacher Education and Career Service, National Taiwan Normal University, Taipei

- *Part-time, one and a half years
- *Worked for the E-journal focusing on educational professionals
- *Conducted the monthly interviews on key figures and wrote news reports

Honors and Awards

Scholarships & Fellowships

Fonds de recherche du Québec – Science et culture (FRQSC) Doctoral Fellowship <i>Government of Quebec</i>	2019-2022 CDN \$ 70,000
McGill University International Tuition Scholarship (DFWs) <i>Dept. of Educational and Counselling Psychology</i>	2018-2019 CDN \$10,000
McGill University Graduate Excellence Fellowship <i>Dept. of Educational and Counselling Psychology</i>	2017 CDN \$8,000
Technical University of Munich Scholarship for International Students*2 <i>School of Education</i>	2014-2015 EUR €1,550
DAAD Prize (nominated by School of Education, Technical University of Munich) <i>German Academic Exchange Service (DAAD), Berlin</i>	2014 (EUR €1,000)
National Taiwan Normal University Presidential Award*4 <i>Dept. of Adult and Continuing Education</i>	2007-2011 CDN \$420

Studies & Travel

Graduate Research Enhancement and Travel (GREAT) Award*2 – McGill <i>Dept. of Educational and Counselling Psychology</i>	2019-2020 CDN \$675
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Graduate Student Enhancement Award (GSEA) Travel Award*2 – McGill <i>The Education Graduate Students' Society</i>	2019-2020 CDN \$400
APA International Psychology Poster Contest – The Second & Third Placings <i>The Annual Convention of the American Psychological Association</i>	2019 Merit-based
CPA Educational & School Psychology Student Poster Competition – The Third Prize <i>The Annual Convention of the Canadian Psychological Association</i>	2019 CDN \$200
Excellence in Research Proposal Award – McGill <i>The Annual Conference of the Education Graduate Students' Society</i>	2019 CDN \$200
LEADS Partnership Student Travel Award – McGill <i>Social Sciences and Humanities Research Council of Canada (SSHRC)</i>	2018 CDN \$1,400
National Taiwan Normal University Study Abroad Award <i>Office of International Affairs, Exchange Program</i>	2010-2011 CDN \$4,000
National Taiwan Normal University Student Travel Award <i>Office of International Affairs, Summer School Program</i>	2009 CDN \$1,400

Journal Articles

Chang, C.-F., Gröschner, A., Hall, N. C., Alles, M., & Seidel, T. (2018). Exploring teachers' emotions via nonverbal behavior during video-based teacher professional development. *AERA Open*, 4(4). <https://doi.org/10.1177/2332858418819851> [SSCI; 2019 JCR: Q2]

Manuscripts Under Review / In Preparation

Chang, C.-F., Hall, N. C., Lee, S. Y., & Wang, H. (under review). Teachers' social goals and classroom engagement: The mediating role of teachers' self-efficacy. *Learning and Individual Differences*.

Chang, C.-F., & Hall, N. C. (in preparation). Differentiating teachers' social goals: Impacts on teacher-student relationships and classroom engagement.

Chang, C.-F., Hall, N. C., & Horrocks, P. T. M. (in preparation). An exploration of teachers' social goal orientations with the job demands-resources model.

Conference Presentations

Tsai P.-C., Burleso Y.-A. L., **Chang C.-F.**, Sun L. Y., & Fu M. (2021, August). *Classroom examples in enhancing multicultural humility—Student and instructor's perspectives*. Paper submitted to the American Psychological Association Annual Convention, Virtual venue.

Burleso Y.-A. L., Tsai P.-C., **Chang C.-F.**, & Fu M. (2021, August). *Facilitating effective group work in teaching applying stages of Yalom*. Paper submitted to the American Psychological Association Annual Convention, Virtual venue.

Chang, C.-F., Hall, N. C., & Horrocks, P. T. M. (2021, August). *Differentiating teachers' social goals as to teacher-student relationships and classroom engagement*. Poster to be presented at the American Psychological Association Annual Convention, Virtual venue.

Chang, C.-F., Hall, N. C., Wang, H., & Rahimi, S. (2021, April). *An exploration of teachers' social goal orientations with the job demands-resources model*. Paper to be presented at the American Educational Research Association Annual Meeting, Orlando, FL (Virtual venue).

Chang, C.-F., Hall, N. C., & Jonas, E. A., & Lee, S. Y. (2020, August). *The cross-sectional and*

longitudinal impacts of teachers' goals on classroom engagement and psychological adjustment. Poster presented at the American Psychological Association Annual Convention, Washington, DC. (Virtual conference)

- Chang, C.-F.**, Hall, N. C., Maymon, R., & Wang, H. (2020, June). *How do different social goal orientations of teachers foster positive teacher-student relationships?* Paper to be presented at the SELF research conference, Quebec City, QC. (Conference postponed due to COVID-19)
- Chang, C.-F.**, Hall, N. C., Lee, S. Y., & Horrocks, P. T. M. (2020, June). *A cluster analysis on teachers' achievement goals: The relationships between teachers' goals and well-being.* Paper to be presented at the SELF research conference, Quebec City, QC. (Conference postponed)
- Wang, H., Hall, N. C., & **Chang, C.-F.** (2020, June). *Perceived value congruence in teachers: Interactional effects on burnout, well-being, and turnover intentions.* Paper to be presented at the SELF International Conference, Quebec City, Canada. (Conference postponed)
- Lee, S. Y., Hall, N. C., Jonas, E. A., & **Chang, C.-F.** (2020, June). *Understanding procrastination in first-year undergraduates: An attribution theory perspective.* Poster to be presented at the SELF International Conference, Quebec City, QC. (Conference postponed)
- Chang, C.-F.**, Hall, N. C., & Rahimi, S., & Horrocks, P. T. M. (2020, May). *How would teachers' social-emotional competencies influence teacher-student relationships, students' classroom engagement, and teacher well-being?* Poster to be presented at the Canadian Psychological Association Annual Convention, Montreal, QC. (Conference cancelled)
- Horrocks, P. T. M., Hall, N. C., & **Chang, C.-F.** (2020, May). *The role of self-determined motivation in affecting epistemic emotions among graduate students.* Poster to be presented at the Canadian Psychological Association Annual Convention, Montreal, QC. (Conference cancelled)
- Jonas, E. A., **Chang, C.-F.**, & Hall, N. C. (2020, May). *Feeling frustrated: Graduate-level writing programs, self-efficacy and emotions.* Poster to be presented at the Canadian Psychological Association Annual Convention, Montreal, QC. (Conference cancelled)
- Chang, C.-F.**, Hall, N. C., & R. Maymon. (2019, August). *Predictive validity of teachers' achievement goal profiles on their well-being.* Poster presented at the American Psychological Association Annual Convention, Chicago, IL.
- Chang, C.-F.**, Hall, N. C., & R. Maymon. (2019, August). *Achievement goals profiles in practicing teachers: A longitudinal, cluster analytic perspective.* Poster presented at the American Psychological Association Annual Convention, Chicago, IL.
- Chang, C.-F.**, Lee, S. Y., Hall, N. C., & Rahimi, S. (2019, June). *Feeling good and less angry? The influence of teachers' motivational and behavioral beliefs.* Poster presented at the Canadian Psychological Association Annual Convention, Halifax, NS.
- Chang, C.-F.**, Lee, S. Y., Hall, N. C., & Wang, H. (2019, April). *Exploring the effects of teachers' social goal orientations and self-efficacy on student engagement.* Roundtable presented at American Educational Research Association Annual Meeting, Toronto, ON.
- Chang, C.-F.**, Lee, S. Y., Hall, N. C., & Wang, H. (2019, March). *Linking teachers' goal orientations to classroom engagement: The mediating role of teaching self-efficacy.* Poster presented at Education Graduate Students' Society Annual Conference, Montreal, QC.
- Chang, C.-F.**, Hall, N. C., & Rahimi, S. (2018, June). *Teachers' motivational strategies and adjustment: Effects on burnout, job satisfaction, and intentions to quit.* Poster presented at International Congress of Applied Psychology, Montreal, QC.
- Chang, C.-F.**, Gröschner, A., Alles, M., & Seidel, T. (2018, April). *Teachers' nonverbal behaviors during*

video-based teacher professional development workshops. Poster presented at American Educational Research Association Annual Meeting, New York, NY.

Chang, C.-F., Hall, N. C., & Rahimi, S. (2018, April). *Effects of teachers' motivational strategies on burnout, job satisfaction, and intentions to quit*. Roundtable presented at American Educational Research Association Annual Meeting, New York, NY.

Professional Development

Physics and AI Workshop 2019

Dept. of Physics, McGill University, Montreal, QC, Canada

- *2-day beginner's workshops taught by Evgeny Naumov from *Calcul Quebec*
- *Event partnered with Regroupement Québécois sur les Matériaux de Pointe (RQMP)
- *Understood the basics of statistical learning decision surfaces and methods

Structural Equation Modelling (SEM) Workshop 2018

Quebec Inter-University Centre for Social Statistics (QICSS), Montreal, QC, Canada

- *5-day workshop taught by Dr. Rex Kline (Concordia University)
- *Acquired knowledge including principles, assumptions, applications, and robustness of SEM with LISREL and R software (path analysis, CFA, EFA, & structural regression models)

Share-start and Mix-age Teaching Workshop 2017

Taiwan Experiment Education Center, Taipei, Taiwan

- *One week, Certificate of Completion
- *Attended the workshop organized by the government-funded educational institution
- *Applied the ideas of flipped classroom and mix-age pedagogy
- *Applied the Share-start methods at the junior high level in English & Social Science classrooms

Bliss and Wisdom Advanced Training Program for Future Teacher 2017

Center for Teaching and Learning Development, Bliss and Wisdom School, Yunlin, Taiwan

- *Four months, Certificate of Completion
- *Acquired Chinese and Buddhist philosophies in education
- *Gained insights into moral & care education, classics reciting, diet & agriculture education, and classroom management integrated with life & spiritual education

Remedial Teaching Workshop 2015

National Kaohsiung Normal University, Kaohsiung, Taiwan

- *18 hours, Certified via evaluation (able to work as a part-time teacher in public schools)
- *Focused on the subject of English at the junior high level
- *Gained insights into educational policy and pedagogy that assisted low academic achievers

International Academic Competence Workshop 2012

The Second Northern Taiwan Resource Center, National Taiwan University, Taipei

- *Two weeks, Certificate of Completion
- *Involved in the English activities of academic writing, debates, and presentation skills
- *Participated in mock conference organization and conference presentations

Leadership and Service

Graduate Student Reviewer	<u>Profession</u>	2018-2021
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The annual meeting of American Educational Research Association

*Worked for the sections of “Teaching and Teacher Education”, “Learning and Instruction”
“SIG-Social & Emotional Learning”, and “SIG-Motivation in Education.”

Graduate Student Reviewer and Submission Coordinator **2019**

The 2019 annual conference of Education Graduate Students' Society, McGill University

*Coordinated submissions and reviewed research proposals

Community

Representative of Post-Graduate Student Society (PGSS) **2019-2020**

Education Graduate Students' Society, McGill University, two semesters

Vice-President of Finance, Education Graduate Students' Society **2018-2019**

Education Graduate Students' Society, McGill University, two semesters

Co-President, McGill Taiwanese Graduate Student Association **2018-2019**

McGill University, two semesters

Senior Buddy, McGill Office of International Student Services **2018-2020**

McGill University, four semesters

Vice-President, Student Association (Student Union) **2009-2010**

National Taiwan Normal University, two semesters

Student Representative for Three University Committees **2009-2010**

National Taiwan Normal University, two semesters

*Student Affairs Committee

*Student Merit and Demerit Committee

*Service-Learning Programs Executive Team

Miscellaneous

Professional Affiliations:

*APA (American Psychological Association) 2019-Present

*AERA (American Educational Research Association) 2018-Present

*CPA (Canadian Psychological Association) 2019

*IAAP (International Association of Applied Psychology) 2018

Statistic Software: SPSS, MPlus, R, LISEREL, Amos

Other Software: Endnote, Zotero, Photoshop

Languages: English, Mandarin