

## Chiung-Fang Chang

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### Education

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

### Work Experience

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#### Research

<b>Research Assistant, Achievement Motivation and Emotion Research Group</b>	<b>2017-Present</b>
<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	
<b>Research Assistant, Susanne Klatten Chair for Empirical Educational Research</b>	<b>2015</b>
<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)	
<b>Research Assistant, Heinz Nixdorf Chair for Mathematics Education</b>	<b>2014-2015</b>
<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)	
<b>Research and Administrative Assistant, Center for Teacher Education</b>	<b>2012-2013</b>
<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

<b>Teaching Assistant, McGill University</b>	<b>2018-2021</b>
<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

**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

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### 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
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	2018

<i>Social Sciences and Humanities Research Council of Canada (SSHRC)</i>	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

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**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

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**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.

**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

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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 to be presented at 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 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 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

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### 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

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### Profession

- Graduate Student Reviewer** 2018-2021  
*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

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### 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