

## Chiung-Fang Chang

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### Education

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

### Work Experience

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#### Research

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

## Teaching, Internships and Others

<p><b>Teaching Assistant, McGill University</b>  <i>Dept. of Educational and Counselling Psychology, McGill University, Montreal, QC</i>            *EDPE 304 "Measurement and Evaluation" (Winter 2018, Fall 2018 &amp; 2019)            *EDPE 635 "Theories of Learning and Instruction" (Winter 2020)            *Marked quizzes and research papers            *Evaluated group paper on alternative and multi-unit assessment plans</p>	<b>2018-2020</b>
<p><b>Mandarin Teacher, Pumen Language School</b>  <i>International Buddhist Progress Society of Montreal (NGO&amp;NPO), Montreal, QC</i>            *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</p>	<b>2017-2018</b>
<p><b>Specialist of Educational Activities and Copywriting</b>  <i>Angel Garden (a leisure farm of orchids), Pingtung, Taiwan</i>            *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</p>	<b>2016</b>
<p><b>Assistant Coordinator, Press Department</b>  <i>Taipei Representative Office in Munich, Germany</i>            *Intern, one month            *Coordinated press events and international affairs</p>	<b>2014</b>
<p><b>Correspondent for "Change" e-paper</b>  <i>Office of Teacher Education and Career Service, National Taiwan Normal University, Taipei</i>            *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</p>	<b>2009-2010</b>

## Honors and Awards

### Scholarships & Fellowships

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

National Taiwan Normal University Presidential Award *4 <i>Dept. of Adult and Continuing Education</i>	2007-2011 CDN \$420
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### **Studies & Travel**

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
Graduate Student Enhancement Award (GSEA) Travel Award – McGill <i>The Education Graduate Students' Society</i>	2019 CDN \$250
Graduate Research Enhancement and Travel (GREAT) Award – McGill <i>Dept. of Educational and Counselling Psychology</i>	2019 CDN \$175
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>

### **Manuscripts in Preparation**

**Chang, C. -F.**, & Hall, N. C., Lee, S. Y. (2019). *The longitudinal effects of teachers' social goal orientations on self-efficacy and student engagement*. Manuscript in preparation.

### **Conference Presentations**

**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 to be presented at the American Psychological Association Annual Convention, Washington, DC.

**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.

**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.

- 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.
- 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.
- 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?* Paper submitted to the Canadian Psychological Association Annual Convention, Montreal, QC.
- 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*. Paper submitted to the Canadian Psychological Association Annual Convention, Montreal, QC.
- Jonas, E. A., **Chang, C. -F.**, & Hall, N. C. (2020, May). *Feeling frustrated: Graduate-level writing programs, self-efficacy and emotions*. Canadian Psychological Association, Montreal, QC.
- 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.
- Chang, C. -F.**, Gröschner A., & Jerabek, M. (2017, August). *Teachers' nonverbal behaviors during video-based teacher professional development workshops*. Poster presented at McGill Summer Institute for School Psychology, Montreal, QC.

## 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 and Submission Coordinator** **2019**  
*The 2019 annual conference of Education Graduate Students' Society, McGill University*  
 \*Coordinated submissions and reviewed research proposals

**Graduate Student Reviewer** **2018-2019***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.”

**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***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

**Volunteer Experience****Assistant for Info booth of Chinese learning and paper arts** **2018.06***International Buddhist Progress Society of Montreal (NGO&NPO), Montreal, QC*

- \*06.02, The Three Great Virtues Cultural Festival  
(Festival de la Culture Chinoise–Les Trois Grandes Vertus de la Vie)
- \*06.10, Buddha Day Ceremony & Vegetarian Cuisine Fair  
(Buddha Day & Foire de la Cuisine Végétarienne)
- \*Introduced the learning goals of “Do Good Deeds, Speak Good Words, Think Good Thoughts.”
- \*Introduced and guided event goers to learn and do paper cuttings.
- \*Greeted and Interacted with participating children.

**Conference Receptionist and Assistant** **2018.05***Supporting Active Learning and Technological Innovation in Studies of Education Community*

- \*05.31, 2018 SALTISE Conference, Montreal, Canada
- \*Registered participants and greeted conference goers
- \*Helped with lunch distribution and classroom facilities
- \*<https://www.saltise.ca/conference/saltise-conference/>

**Volunteer of Life Education Camp** **2008-2016***Bliss & Wisdom Cultural Foundation, Taipei*

- \*Participated in five summer camps and one winter camp
- \*Led group of 25 students through camps of approximately 1,000 undergraduates and graduates
- \*Acted as a hostess of the opening ceremony and a singer in a chorus
- \*Involved in various tasks, such as preparing meals and accommodations

**English Conference Receptionist** **2012-2013**

*World Council for Curriculum and Instruction (WCCI)*

\*12.28~01.03, 15th World Conference, Kaohsiung, Taiwan

- \*Provided front desk help and assisted attendants with registration manners

**Receptionist and Amanuensis** **2008-2010**

*Legal Aid Foundation, Taipei*

- \*Oriented visitors and provided information needed
- \*Assisted lawyers to make case records in face-to-face meetings
- \*Transcribed the audio records

**English Receptionist** **2009.09**

*21st Taipei Summer Deaflympics, Taipei*

- \*Provided front desk help and assisted athletes with registration manners

## Miscellaneous

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**Professional Affiliations:**

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| *APA (American Psychological Association)               | 2019-Present |
| *AERA (American Educational Research Association)       | 2018-2019    |
| *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