# **Dr. Chia-Chiang Wang**

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**Education:** M.S. & Post-doctoral Fellowship: Northwestern University, 2013;

Healthcare Services and Outcome Research Ph.D.: University of Wisconsin-Madison, 2011; Rehabilitation Psychology/Counseling

M.Ed.: National Kaohsiung Normal University (Taiwan), 2007;

Special Education

B.S.: National ChengChi University (Taiwan), 2002; Sociology

**Boards & Certifications** Certified Rehabilitation Counselor (CRC; No. 00116576; 2012-2027)

Licensed Professional Counselor (in IL; No. 178.020068; 2024-present)

**Professional Appointments:** Doctoral Program in Counselor Education and Supervision,

Department of Counseling and Integrated Programs, Adler University,

Associate Professor and Director of Training; 2023- present

Clinical Rehabilitation Counseling Program,

Department of Counseling and Integrated Programs, Adler University,

**Associate Professor and Program Director**; 2022-2023

Synergies Intelligent System, Inc., Taipei (Taiwan),

Psychology Consultant in Training and Employee Assistance; 2021

Rehabilitation Counseling Program, Department of Counseling, School, and Educational Psychology, University at Buffalo (UB), the State University of New York, **Tenure-track Assistant Professor**; 2013-2020

Rehabilitation Institute of Chicago & Center for Healthcare Studies,

Feinberg School of Medicine, Northwestern University,

Post-doctoral Research Fellow; 2011-2013

Rehabilitation Research and Training Center on Effective Vocational Rehabilitation Service Delivery Practices (RRTC-EBP-VR), University

of Wisconsin-Madison, Research Assistant; 2010-2011

Paths to Employment Resource Center (PERC), University of

Wisconsin-Madison, Research Assistant; 2009-2011

Department of Rehabilitation Psychology and Special Education, University of Wisconsin-Madison, **Teaching Assistant**; 2007-2010

Awards & Honors: American Rehabilitation Counseling Association, Annual Research

Award (2<sup>nd</sup> Place): 2015

RAND Summer Institute sponsored by the National Institute on Aging and the NIH Office of Behavioral and Social Sciences Research, **Travel** 

Scholarship; 2013

Graduation School, University of Wisconsin-Madison, **Peer Mentor Award**; 2011

Graduation School, University of Wisconsin-Madison, Vilas Research Travel Award (\$600); 2011

Division of Information Technology, University of Wisconsin-Madison, **Engage Award: Technology-Enhanced Collaborative Group Work** (transforming teaching and learning through technology)(\$1,200); 2008 (co-awarded with Drs. Robert Gervey & Mary Drout)

#### **Actual Publications:**

#### Journal Articles (refereed)

- Nasir, A. Janikowski, T., Guyker, W., & **Wang, C.-C.** (2020). Modifying the Student Course Engagement Questionnaire for use with online courses. *Journal of Educators Online, 17*(1).
- Yan, S., Walters, L. M., Wang, Z., & Wang, C.-C. (2018). Meta-Analysis of the Effectiveness of Philosophy for Children Program. *Analytic Teaching and Philosophical Praxis*, 39(1), 13-33
- Kolden, G. G., **Wang, C.-C.,** Austin, S. B., Chang, Y., & Greenfield, M. H. (2018). Congruence/Genuineness: A meta-analysis. *Psychotherapy*, *55*(4), 424-433.
- Smedema, S., Chan, F., Wang, M.-H., Umucu, E., Yasui, N. Y., Tu, W. M., Ditchman, N., & Wang, C.-C. (2016). Psychometric validation of the Taiwanese version of the *Job Satisfaction of Persons with Disabilities Scale* in a sample of individuals with poliomyelitis. *Australian Journal of Rehabilitation Counseling*, 22, 27-39.
- Chan, F., **Wang, C.-C.**, Fitzgerald, S., Muller, V., Ditchman, N., & Menz, F. (2016). Personal, environmental, and service-delivery determinants of employment quality for state vocational rehabilitation consumers: A multilevel analysis. *Journal of Vocational Rehabilitation*, 45, 5-18.
- Magasi, S., Wong, A., Hammel, J., Baum, C., **Wang, C.-C.,** & Heinemann, A. (2015). The Authors Respond: Re: "Theoretical foundations for the measurement of environment factors and their impact on participation among people with disabilities". *Archives of Physical Medicine and Rehabilitation*, 96(9), 1740-1741. PMID: 26319594
- Sung, C., Sánchez, J., Kuo, H. J., **Wang, C.-C.**, & Leahy, M. J. (2015). Gender differences in vocational rehabilitation service predictors of successful competitive employment for transition-aged individuals with autism. *Journal of Autism and Developmental Disabilities*, 45(10), 3204-3218.
- Magasi, S., Wong, A., Gray, D., Baum, C., Hammel, J., **Wang, C.-C.**, & Heinemann, A. (2015). Theoretical foundations for the measurement of environmental factors and their impact on participation among people with disabilities. *Archive of Physical Medicine and Rehabilitation*, *96*(4), 569-577.
- Chan, J. Y.-C., **Wang, C.-C.**, Kim, J. H., Ditchman, N., Pete, J., & Chan, F. (2014). State unemployment rate and vocational rehabilitation

- outcomes: A multilevel analysis. *Rehabilitation Counseling Bulletin*, 57, 209-218.
- Lin, C.-P., Wang, C.-C., Fujikawa, M., Brooks, J., Eastvold-Walton, L, Maxwell, K., & Chan, F. (2013). Psychometric validation of the Brief Adaptation to Disability Scale-Revised for persons with spinal cord injury in Taiwan. *Rehabilitation Research, Policy, & Education*, 27, 223-231.
- Kolden, G. G., Klein, M. H., **Wang, C.-C.**, & Austin, S. B. (2011). Congruence/Genuineness. *Psychotherapy*, 48, 65-71.
- Gervey, R., Drout, M., & **Wang, C.-C.** (2009). Debate in the classroom: An evaluation of a critical thinking teaching technique within a rehabilitation counseling course. *Rehabilitation Education*, 23, 61-74.

## Journal Articles (non-refereed)

Chan, F., **Wang, C.-C.**, Lin, C.-P., Chiu, C.-Y., & Sung, C. (2008). The state-federal vocational rehabilitation system in the United States: A review and analysis (in Chinese). *Employment Security*, 7(2), 94-106.

#### **Book Chapters**

- Yan, S., Walters, L. M., Wang, Z. & Wang, C.-C. (2021). Appendix: Precollege philosophy works: Meta-analysis of the effectiveness of philosophy for children program on students' cognitive outcomes (excerpt). In C. Katz (Ed.), Philosophy Camps for Youth (pp. 191-193). Rowman & Littlefield.
- Kolden, G. G., Wang, C.-C., Austin, S. B., Y. Chang, & Greenfield, M. H., (2019). Congruence/Genuineness. In J. C. Norcross & M. Lambert (Eds.), *Psychotherapy relationships that work:*Evidence-Based Therapist Contributions (3rd ed., pp. 323-350). New York: Oxford University Press.
- Chan, F., Sung, C., Muller, V., **Wang, C.-C.**, Fujikawa, M., & Anderson, C. A. (2012). Evidence-based practice and research utilization. In D. Maki, & V. Tarvydas (Eds.), *Professional practice of rehabilitation counseling* (pp. 391-412). New York: Springer
- Kolden, G. G., Klein, M. H., Wang, C.-C., & Austin, S. B. (2011).
   Congruence/Genuineness. In J. C. Norcross (Ed.),
   Psychotherapy relationships that work: Evidence-Based practice (2<sup>nd</sup> ed., pp. 187-202). New York: Oxford University Press.
- Chan, F., Livneh, H., Pruett, S., **Wang, C.-C.**, Zheng, L. X. (2009). Societal attitudes toward disability: Concepts, measurements, and interventions. In F. Chan, E. Cardoso, & J. Chronister (Eds.), *Psychosocial interventions for people with chronic illness and disability: A handbook for evidence-based rehabilitation health professionals* (pp. 333-367). New York: Springer.

# **Reviews**

Kolden, G. G., Klein, M. H., **Wang, C.-C.**, & Austin, S. B. (2010). Congruence/Genuineness. In the Substance Abuse and Mental Health Services Administration (SAMHSA) (Ed.), *National* 

Registry of Evidence-based Programs and Practices (NREPP), <a href="http://www.nrepp.samhsa.gov/AboutNREPP.aspx">http://www.nrepp.samhsa.gov/AboutNREPP.aspx</a>.

# **Technical Reports**

Chan, F., **Wang, C.-C.**, Muller, V., & Fitzgerald, S. (2011). *Vocational rehabilitation outcomes: A multi-level analysis of economic indicators, VR agency characteristics, and RSA-911 Data: Phase I Report*. Prepared for National Institute on Disability and Rehabilitation Research (NIDRR), D.C.. 85 pages.

#### **Presentations**

# **Invited--International**

- **Wang, C.-C.** (2012, December). *Future trend of rehabilitation counseling*. Presentation at the Vocational Evaluation Resource Center for individuals with Disabilities in Southern Taiwan.
- Wang, C.-C. (2009, August). The introduction and critical review of the U.S. state vocational rehabilitation services delivery system. Presentation at the Graduate Institute of Rehabilitation Counseling, National Changhua Normal University, Taiwan.
- Wang, C.-C. (2009, August). The introduction and critical review of the U.S. state vocational rehabilitation services delivery system. Presentation at the Vocational Evaluation Resource Center for individuals with Disabilities in Southern Taiwan and the Graduate Institute of Rehabilitation Counseling, National Kaohsiung Normal University, Taiwan.

#### **Conference--International**

Fujikawa, M., Lin, C.-P., **Wang, C.-C.,** & Chan, F. (2010, August). Factorial validity of the abbreviated version of the revised Acceptance of Disability Scale. Presentation at the conference of Japan Society of Vocational Rehabilitation, Kanagawa, Japan

#### **Conference--National**

- Wang, C.-C., & Chow, T.-Y. (2022, Oct). Using social justice as the focus of an entry-level rehabilitation counseling education program. Presented at the fall conference of the National Council on Rehabilitation Education, Washington D.C.
- Chang, Y., Wang, C.-C., Austin, S. B., Kolden, G. G., & Greenfield, M. H. (2019, August). *Congruence/Genuineness: A meta-analysis*. Poster Presentation presented at the 2019 American Psychological Association Convention, Chicago, IL.
- Zhu, L., Wu, Y., Zhao, S., Yang, F., Shu, M., Wang, C.-C., Liu, W., & Dalton, J. A. (2019, August). Generation Y vs. Generation Z: Cohort differences in mental health among college freshmen in China. Poster Presentation presented at the 2019 American Psychological Association Convention, Chicago, IL.
- Yang, F., Zhao, S., Lu, M., Chang, Y., Shu, M., Gao, X., & Wang, C.-C. (2019, April). Who Are the Victims? Family and Sexual Education Predictors for Child Sexual Abuse and Harassment. Paper session presented at the 2019 American Educational Research Association Annual Meeting, Toronto, ON, Canada.
- Nasir, A. Janikowski, T., **Wang, C.-C.** & Guyker, W. (2017, April). Student Engagement in Online and On-Campus Courses. Poster

- presented at the spring conference of the National Council on Rehabilitation Education, Anaheim, CA.
- Nasir, A. Janikowski, T., **Wang, C.-C.** & Guyker, W. (2016, April). A factor analysis of the Student Course Engagement Questionnaire-Modified (SCEQ-M) for online and on-campus instruction. Presented at the spring conference of the National Council on Rehabilitation Education, Newport Beach, CA.
- Wang, C.-C. & Rosenthal, D. (2015, April). A community participation model for adults with severe and persistent mental illness.

  Presented at the spring conference of the National Council on Rehabilitation Education, Newport Beach, CA.
- Janikowski, T., **Wang, C.-C.** & Guyker, W. (2015, April). A comparison of student performance, course evaluation/satisfaction and classroom engagement in online and on-campus courses.

  Presented at the spring conference of the National Council on Rehabilitation Education, Newport Beach, CA.
- Wang, C.-C. (2014, August). Biopsychosocial model of improved chronic health for people age 50 or older with chronic conditions. Presented at the conference of the American Psychological Association, Washington D.C.
- **Wang, C.-C.** & Lee, G. (2014, March). *DVR services and employment among people with autism of different age groups.* Presented at the spring conference of the National Council on Rehabilitation Education, Los Angeles, CA.
- Wang, C.-C. (2014, March). Biopsychosocial model of improved chronic health for people age 50 or older with chronic conditions. Presented at the spring conference of the National Council on Rehabilitation Education, Los Angeles, CA.
- Wang, C.-C. (2013, November). Biopsychosocial model of improved chronic health for people age 50 or older with chronic conditions. Presented at the Symposium & Pilot Project Presentations of the Center for Rehabilitation Research using Large Datasets, Galveston, TX.
- Wang, C.-C. (2013, November). Biopsychosocial model of improved chronic health for people age 50 or older with chronic conditions. Presented at the conference of the American Congress of Rehabilitation Medicine, Orlando, FL.
- Sung, Y.-Y. C., Sánchez, J. & Wang, C.-C. (2013, August). Gender difference in vocational rehabilitation service predictors of employment outcomes for young adults with autism. Poster presented at the 2013 Convention of the American Psychological Association, Honolulu, HI.
- Wang, C.-C. (2013, June). *Biopsychosocial model of improved chronic health for people age 50 or older with chronic conditions.* Poster presented at the 2013 Research Meeting of the AcademyHealth, Baltimore, MD.
- Wang, C.-C., Drout, M., & Pfaller, J. (2013, April). Examining vocational rehabilitation services and outcomes for elderly consumers: A career development perspective. Presented at the spring conference of the National Council on Rehabilitation Education, San Francisco, CA.

- Wang, C.-C., Sung, Y.-Y. C., Yaeda, J., Millington, M., Wang, M.-H., Lee, E.-J., & Chan, F. (2013, April). *Vocational rehabilitation profession, education, and practices in Asia and Australia: International communication.* Presented at the spring conference of the National Council on Rehabilitation Education, San Francisco, CA.
- Wang, C.-C., & Drout, M. (2012, October). *Demographics, service reception, and outcomes of elder Americans receiving public vocational rehabilitation*. Poster presented at the John & Gwen Smart Symposium of the Buehler Center on Aging, Health and Society, Northwestern University, Chicago, IL.
- Wang, C.-C., Pfaller, J., & Sung, Y.-Y. C. (2012, April). How to use RSA-911 dataset to conduct empirical studies: Know-how and issues. Presented at the spring conference of the National Council on Rehabilitation Education, San Francisco, CA.
- Chan, F., **Wang, C.-C.**, Muller, V., & Fitzgerald, S. (2012, April). *An integrative person-environment interaction model for predicting employment outcomes*. Presented at the spring conference of the National Council on Rehabilitation Education, San Francisco, CA.
- Wang, C.-C., Rosenthal, D., Pfaller, J., & Leczycki, A. (2012, April). Validation of Community Participation Scale (CPS) in people with severe mental illness. Poster presented at the spring conference of the National Council on Rehabilitation Education, San Francisco, CA.
- Wang, C.-C., Gervey, R., & Drout, M. (2011, April). Comparing the validity and reliability of five job readiness measures for people in supported employment programs. Presented at the spring conference of the National Council on Rehabilitation Education, Manhattan Beach, CA.
- Rosenthal, D., Hiatt, E., Anderson, C., Sung, Y.-Y. C., Beck, M., Wang, C.-C., & Fujikawa, M. (2011, April). Facilitators and barriers to integrated employment: A focus group analysis. Presented at the spring conference of the National Council on Rehabilitation Education, Manhattan Beach, CA.
- Wang, C.-C., Sung, Y.-Y. C., Hiatt, E., Fujikawa, M., Anderson, C., & Rosenthal, D. (2011, April). *Effectiveness of supported employment on competitive employment outcomes: A meta-analysis*. Poster presented at the spring conference of the National Council on Rehabilitation Education, Manhattan Beach, CA.
- Gervey, R., Wang, C.-C., Hunter, C., & Maxwell, K. (2011, April). Is job readiness a predictor or a mediator of participation in job activities for people with severe and persistent mental illness? Poster presented at the rehabilitation and transition conference of the Wisconsin Rehabilitation Association, Elkhart Lake, WI.
- **Wang, C.-C.**, Austin, S., Kolden, G., & Klein, M, (2011, February).

  Meta-analysis results of therapist's congruence/genuineness in treatment outcomes: Implications for rehabilitation psychology practice, education and research. Poster presented at the

- conference of the American Psychological Association--Division 22, Jacksonville, FL.
- Sung, C., Wang, C.-C., & Chan, F., (2010, April). Association between coping strategy and pain perception: A meta-analysis.

  Presentation at the spring conference of the National Council on Rehabilitation Education, Manhattan Beach, CA.
- Wang, C.-C., Drout, M., & Chan, F., (2010, April). *Demographics and service patterns in self-employment outcomes: A data-mining study*. Poster presented at the spring conference of the National Council on Rehabilitation Education, Manhattan Beach, CA.
- Catalano, D., Sung, C., Fujikawa, M., Muller, V., Pete, J., & Wang, C.-C. (2010, April). A confirmatory factor analysis of the Brief COPE in a sample of Canadians with spinal cord injury. Poster presented at the spring conference of the National Council on Rehabilitation Education, Manhattan Beach, CA.
- Chan, J. Y.-C., **Wang, C.-C.**, Kim, J. H., Dries, B., & Chan, F. (2009, February). *Effect of unemployment rates on rehabilitation outcomes: A multi-level analysis*. Poster presented at the spring conference of the National Council on Rehabilitation Education, San Antonio, TX.
- Gervey, R., Drout, M., & Wang, C.-C. (2009, February). *Use of debate* in a foundation of rehabilitation class to enhance critical thinking skills. Presentation at the spring conference of the National Council on Rehabilitation Education, San Antonio, TX.
- Gervey, R., Wang, C.-C., & Drout, M. (2009, February).

  Technologically enhanced strategies for collaborative learning in the classroom. Presentation at the spring conference of the National Council on Rehabilitation Education, San Antonio, TX.

## **Service to the Profession:**

# **Regional Representative** (Board Member)

National Council on Rehabilitation Education (NCRE); 2015-2020

#### Ad hoc/Peer Reviewer

Archive of Physical Medicine and Rehabilitation; 2012-2022

Annual Research Meeting of AcedemyHealth; 2013

Journal of Rehabilitation; 2018-2020

2019 Convention of American Psychological Association (APA); 2018 Spring Conference of National Council on Rehabilitation Education (NCRE); 2012-2020

Fall Conference of National Council on Rehabilitation Education (NCRE); 2017

#### **Membership**

AcedemyHealth; 2013

American Counseling Association (ACA); 2022-present

American Psychological Association (APA)--Division 22 (Rehabilitation Psychology); 2011-present

American Rehabilitation Counseling Association (ARCA); 2011-present National Council on Rehabilitation Education (NCRE); 2010-2023

# Departmental Service:

(UB) Faculty search committee; 2014, 2018, 2019

(Adler) CMHC Program Director Faculty search committee; 2022 (Adler) CMHC & MACR Director of Training search committee; 2023 (Adler) DCES Program Director Faculty search committee; 2023-2024

# **University/School Services**

(UB) STAR(Services, Teaching, Advising, Research) Award Committee; 2015

(UB) Executive Committee; 2015-2016

(Adler) Co-secretary of Chicago Faculty Council; 2023

(Adler) New Programs Committee; 2022-present

(Adler) Academic Policies and Procedure Committee; 2023-present

# Courses Taught and Other Educational Activities:

(Adler) MACR500 Foundations of Rehabilitation Counseling (onground) (Adler) MACR502 Medical and Psychosocial Aspects of Disability (onground)

(Adler) MACR642 Career Development, Job Development, and Vocational Rehabilitation (both)

(Adler) MACR644 Treatment Planning, Intervention, and Advocacy (onground)

(Adler) COUN622 Human Growth and Development (online)

(Adler) COUN625 Research and Program Evaluation (online/onground)

(Adler) COUN626 Appraisal and Assessment (online/onground) (Adler) DCES822 Quantitative Research Methods in Counseling

(onground)
(Adler) DCES851-856 DCES Internship & Seminar I to VI (onground)

(UB) CEP503 Tests and Measurement

(UB) CEP649 Rehabilitation Foundations (both)

(UB) CEP661 Medical and Psychosocial Aspects of Disability (both)

(UB) CEP680 Career Development (online) (UB) CEP700 Individual Guidance Project

(UB) CEP705 Portfolio and Professional Development

#### **Grant Support:**

Principal Investigator; Biopsychosocial model of improved chronic illness and healthcare utilization for people age 50 or older with chronic diseases (Pilot Project Award), Center for Rehabilitation Research using Large Datasets (CRRLD), University of Texas Medical Branch [originally funded by grant R24 HD065702 from the National Institutes of Health—National Center for Medical Rehabilitation Research (NICHD) and the National Institute of Neurological Disorders and Stroke], 7/1/2013-6/30/2015, \$15,000.

Co-PI; Surgeon influence on anesthetic efficiency in the operating room (Young Investigator Seed Grant of *Enterprise Data Warehouse*), Feinberg School of Medicine, Northwestern University, 11/1/2012-8/14/2013, \$1,000.

Consultant; Rehabilitation Research and Training Center on Effective Vocational Rehabilitation Service Delivery Practices (RRTC-EBP-VR (University of Wisconsin-Madison), National Institute on Disability and Rehabilitation Research (NIDRR), Department of Education, National (PR# H133B100034), 10/1/2011-9/30/2012, \$1,000,000.