



Christina F. Chick

Instructor, Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development

Bio

ACADEMIC APPOINTMENTS

- Instructor, Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Trainee Investigator Honorable Mention, American Academy of Sleep Medicine (2021)

LINKS

- Clinical Work: <http://www.mindsmatter.io>
- LinkedIn Profile: <https://www.linkedin.com/in/christinachick/>
- Trainee Investigator Honorable Mention from American Academy of Sleep Medicine: https://www.eurekalert.org/pub_releases/2021-06/aaos-ac2061521.php

Research & Scholarship

RESEARCH INTERESTS

- Adolescence
- Brain and Learning Sciences
- Child Development
- Data Sciences
- Psychology
- Social and Emotional Learning

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research examines the mechanistic contributions of sleep, cognition and affect to the onset and course of psychiatric disorders across the lifespan.

I am particularly interested in adolescence as a period during which changes in circadian rhythm, sleep architecture, and sleep behavior co-occur with neuroendocrine development, psychosocial changes, and the onset of many psychiatric disorders. Given that sleep is a highly treatable target, increasing our understanding of the specific contributions of sleep to psychiatric symptom onset may facilitate the development of targeted interventions to mitigate the course of illness.

Teaching

COURSES

2024-25

- How we think as how we feel: Cognitive and emotional influences on mental health: PSYC 21Q (Win)

2023-24

- How we think as how we feel: Cognitive and emotional influences on mental health: PSYC 21N (Win)
- Human versus Machine: Artificial intelligence through the lens of human cognition: PSYC 20Q (Spr)

2022-23

- How we think as how we feel: Cognitive and emotional influences on mental health: PSYC 21N (Win)
- Human versus Machine: Artificial intelligence through the lens of human cognition: PSYC 20Q (Spr)

Publications

PUBLICATIONS

- **Trauma Exposure Moderates the Link Between Cognitive Flexibility and Suicide Risk in Pre-Adolescent Children** *ARCHIVES OF SUICIDE RESEARCH*
Chen, S., Chick, C. F., O'Hara, R.
2024: 1-17
- **Sleep architecture is associated with core symptom severity in autism spectrum disorder.** *Sleep*
Kawai, M., Buck, C., Chick, C. F., Anker, L., Talbot, L., Schneider, L., Linkovski, O., Cotto, I., Parker-Fong, K., Phillips, J., Hardan, A., Hallmayer, J., O'Hara, et al
2022
- **Memory reconsolidation impairment using the beta-adrenergic receptor blocker propranolol reduces nightmare severity in patients with post-traumatic stress disorder: a preliminary study.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
Mallet, C., Chick, C. F., Maatoug, R., Fossati, P., Brunet, A., Millet, B.
2022
- **A school-based health and mindfulness curriculum improves children's objectively measured sleep: a prospective observational cohort study.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*
Chick, C. F., Singh, A., Anker, L. A., Buck, C., Kawai, M., Gould, C., Cotto, I., Schneider, L., Linkovski, O., Karna, R., Pirog, S., Parker-Fong, K., Nolan, et al
2021
- **My Body, Your Emotions: Viscerosomatic Modulation of Facial Expression Discrimination.** *Biological psychology*
Chick, C. F., Rounds, J. D., Hill, A. B., Anderson, A. K.
2019: 107779
- **Theta Activity at Sleep Onset in Children with Autism Spectrum Disorder.** *Journal of autism and developmental disorders*
Taweeseedt, P. T., Chick, C. F., Kawai, M.
2025
- **Gene dosage effects of 22q11.2 copy number variants on in-vivo measures of white matter axonal density and dispersion.** *bioRxiv : the preprint server for biology*
Boen, R., Villalón-Reina, J. E., Kushan, L., O'Hara, K. P., Fung, H., Parker, N., Akkouh, I. A., Alnæs, D., O'Hara, R., Marzelli, M. J., Foland-Ross, L., Chick, C. F., Cotto, et al
2025
- **Pilot Test of a DBT-Based Parenting Intervention for Parents of Youth With Recent Self-Harm** *COGNITIVE AND BEHAVIORAL PRACTICE*
Berk, M. S., Rathus, J., Kessler, M., Clarke, S., Chick, C., Shen, H., Llewellyn, T.
2022; 29 (2): 348-366

- **A timely reminder of the complexities and burden facing caregivers of patients with bvFTD.** *International psychogeriatrics*
Chick, C. F., O'Hara, R.
2021; 33 (9): 853-855
- **A SCHOOL-BASED HEALTH AND MINDFULNESS CURRICULUM IMPROVES CHILDREN'S OBJECTIVELY MEASURED SLEEP**
Chick, C., Anker, L., Singh, A., Buck, C., Kawai, M., Gould, C., Cotto, I., Schneider, L., Linkovski, O., Matlow, R., Bradley, T., Carrion, V., O'Hara, et al
OXFORD UNIV PRESS INC.2021: A251
- **LONGER SLOW WAVE SLEEP AND EXACERBATED CORE SYMPTOM SEVERITY IN AUTISM SPECTRUM DISORDER**
Buck, C., Kawai, M., Hara, R., Chick, C., Anker, L., Schneider, L.
OXFORD UNIV PRESS INC.2021: A239
- **Changes in Quality of Life and Loneliness Among Middle-Aged and Older Adults Participating in Therapist-Guided Digital Mental Health Intervention.** *Frontiers in public health*
Gould, C. E., Carlson, C., Alfaro, A. J., Chick, C. F., Bruce, M. L., Forman-Hoffman, V. L.
1800; 9: 746904
- **MOBILE INTERVENTION OUTCOMES COMPARED PRE AND POST-SHELTER-IN-PLACE FOR MIDDLE AGED AND OLDER ADULTS**
Carlson, C., Alfaro, A., Chick, C., Bruce, M., Hoffman, V., Gould, C.
OXFORD UNIV PRESS.2021: 854
- **Neurocognitive markers of passive suicidal ideation in late-life depression.** *International psychogeriatrics*
Jordan, J. T., Chick, C. F., Rolle, C. E., Hantke, N., Gould, C. E., Lutz, J., Kawai, M., Cotto, I., Karna, R., Pirog, S., Berk, M., Sudheimer, K., O'Hara, et al
2020: 1–11
- **The 5-HTTLPR Long, not Short, Allele Predicts Two-year Longitudinal Increases in Cortisol and Declines in Verbal Memory in Older Adults.** *International journal of geriatric psychiatry*
Hirst, R. B., Jordan, J. T., Miryam Schussler-Fiorenza Rose, S., Schneider, L., Kawai, M., Gould, C., Anker, L., Chick, C. F., Beaudreau, S., Hallmayer, J., O'Hara, R.
2020
- **Identification of Common Neural Circuit Disruptions in Emotional Processing Across Psychiatric Disorders.** *The American journal of psychiatry*
McTeague, L. M., Rosenberg, B. M., Lopez, J. W., Carreon, D. M., Huemer, J., Jiang, Y., Chick, C. F., Eickhoff, S. B., Etkin, A.
2020: appiajp201918111271
- **Pilot test of a DBT-based parenting intervention for parents of youth with recent self-harm** *Cognitive and Behavioral Practice*
Berk, M., Rathus, J., Kessler, M., Clarke, S., Chick, C., Shen, H., Llewellyn, T.
2020; (in press)
- **Transcranial magnetic stimulation demonstrates a role for the ventrolateral prefrontal cortex in emotion perception.** *Psychiatry research*
Chick, C. F., Rolle, C., Trivedi, H. M., Monuszko, K., Etkin, A.
2019: 112515
- **Cooperative versus competitive influences of emotion and cognition on decision making: A primer for psychiatry research.** *Psychiatry research*
Chick, C. F.
2019; 273: 493–500
- **Factors Associated with Supportive Care Service Use Among California Alzheimer's Disease Patients and Their Caregivers.** *Journal of Alzheimer's disease : JAD*
Newkirk, L. A., Dao, V. L., Jordan, J. T., Alving, L. I., Davies, H. D., Hewett, L. n., Beaudreau, S. A., Schneider, L. D., Gould, C. E., Chick, C. F., Hirst, R. B., Rose, S. M., Anker, et al
2019
- **Failure to Downregulate Amygdala Activation during Regulation of Emotional Conflict in Post Traumatic Stress Disorder: Results from a Large Veteran Sample**
Chick, C., de los Angeles, C., Patenaude, B., Longwell, P., Shpigel, E., Gonzalez, B., Durkin, K., Chen, J., Abu Amara, D., Hart, R., Mann, S., Maron-Katz, A., Marmar, et al
ELSEVIER SCIENCE INC.2017: S193

- **Framing Effects Are Robust to Linguistic Disambiguation: A Critical Test of Contemporary Theory** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-LEARNING MEMORY AND COGNITION*
Chick, C. F., Reyna, V. F., Corbin, J. C.
2016; 42 (2): 238–56
- **Reward Processing in the Adolescent Brain: Individual Differences and Relation to Risk Taking** *JOURNAL OF NEUROSCIENCE*
Chick, C. F.
2015; 35 (40): 13539–41
- **An Overview of Judgment and Decision Making Research Through the Lens of Fuzzy Trace Theory.** *Xin li ke xue jin zhan*
Setton, R., Wilhelms, E., Weldon, B., Chick, C., Reyna, V.
2014; 22 (12): 1837–54
- **ADOLESCENCE, AGING, AUTISM, AND ALZHEIMER'S DISEASE: A UNIFYING FRAMEWORK FOR UNDERSTANDING THE BRAIN AND ITS BIASES**
Reyna, V., Chick, C., Weldon, R., Corbin, J., Wilhelms, E.
SPRINGER.2014: S73
- **Basic Mechanisms of Numerical Processing: Cross-Modal Number Comparisons and Symbolic Versus Nonsymbolic Numerosity in the Intraparietal Sulcus** *JOURNAL OF NEUROSCIENCE*
Chick, C. F.
2014; 34 (5): 1567–69
- **Developmental Reversals in Risky Decision Making: Intelligence Agents Show Larger Decision Biases Than College Students** *PSYCHOLOGICAL SCIENCE*
Reyna, V. F., Chick, C. F., Corbin, J. C., Hsia, A. N.
2014; 25 (1): 76–84
- **Correspondence Are Cognitive Functions Localizable?** *JOURNAL OF ECONOMIC PERSPECTIVES*
Camerer, C., Smith, A., Kuhnen, C. M., Wargo, D. T., Samanez-Larkin, G., Montague, R., Levy, D. J., Smith, D., Meshi, D., Kenning, P. H., Clithero, J., Weber, B., Hare, et al
2013; 27 (2): 247–50
- **INDIVIDUAL DIFFERENCES IN NUMERACY PREDICT NEURAL ACTIVATION DURING FRAMING EFFECTS**
Chick, C., Reyna, V.
MIT PRESS.2013: 59