

Yu-Ming Chen, M.D.

Fellow in Child and Adolescent Psychiatry, Taipei Veterans General Hospital, Taipei, Taiwan
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EDUCATION

Bachelor of Science, National Taiwan University, Taipei, Taiwan Sep 2016 – Jun 2024
Double Major: Mathematics and Computer Science & Information Engineering
Rank: 1st out of 41 (Cumulative GPA: 4.26/4.30)

Leaves of absence due to heavy clinical loads in hospitals:

- Sep 2016 – Jun 2017
- Sep 2020 – Feb 2021

Doctor of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan Sep 2008 – Jun 2015
Rank: 2nd out of 168 (Cumulative GPA: 4.16/4.30)

Senior High School Diploma, Sacred Hearts High School, Yunlin, Taiwan Sep 2005 – Jun 2008

PROFESSIONAL CERTIFICATION

Board Certification in Psychiatry, Taiwan Board of Psychiatry Certified 2024

WORK EXPERIENCE AND PROFESSIONAL EDUCATION

Taipei Veterans General Hospital, Taipei, Taiwan Aug 2024 – Present
Fellow in Child and Adolescent Psychiatry

- Assess and manage children and adolescents with neurodevelopmental, psychotic, mood, and anxiety disorders.
- Develop individualized treatment plans incorporating pharmacological management, psychotherapy, and social skills interventions.
- Collaborate with multidisciplinary teams (psychologists, occupational therapists, social workers, nursing staff, and educators) to provide comprehensive care.
- Conduct family therapy sessions and deliver psychoeducation to caregivers on social and emotional challenges.
- Supervise and mentor psychiatric residents in child and adolescent psychiatry.

Psychiatry Resident Aug 2020 – Jul 2024

- Performed psychiatric evaluations for diverse age groups with conditions such as mood disorders, psychosis, substance use disorders, and neurocognitive disorders.
- Delivered inpatient and outpatient psychiatric care through tailored treatment plans including medication and psychotherapy.
- Provided crisis intervention, including suicide risk assessments and management of acute psychosis and mania.
- Worked with multidisciplinary teams to ensure integrated and holistic patient care.

Kaohsiung Medical University Hospital, Kaohsiung, Taiwan Aug 2016 – Jul 2017
Resident in Taiwan's Postgraduate Year (PGY) Program

- Completed structured transitional medical training in Taiwan.
- Rotated through multiple medical specialties, collaborating with multiple disciplines to diagnose and manage patients under attending physician supervision.

Ministry of Health and Welfare, Department of Medical Affairs, Taipei, Taiwan Jul 2015 – Jun 2016
Substitute Military Service

- Provided administrative support for healthcare policy development and implementation.
- Assisted in organizing public health campaigns and educational initiatives.

National Taiwan University Hospital, Taipei, Taiwan Jun 2014 – May 2015
Intern

- Rotated through multiple medical specialties to acquire foundational clinical skills and knowledge.
- Participated in direct patient care under supervision, focusing on diagnosis, treatment, and management of diverse conditions.

PUBLICATIONS

Conference Papers

- **Under Review.** Xin-Yu Chen (co-first author), **Yu-Ming Chen (co-first author)**, Chin-Po Chen, Bo-Hao Su, Susan Shur-Fen Gau, and Chi-Chun Lee. *SocialRecNet: A Multimodal LLM-Based Framework for Assessing Social Reciprocity in Autism Spectrum Disorder*.

RESEARCH PROJECT

Multimodal Assessment of Autism Spectrum Disorder Using Large Language Models Apr 2024 – Sep 2024

- **Role:** Collaborative researcher on a project led by Prof. Chi-Chun Lee at National Tsing Hua University, affiliated with Taipei Veterans General Hospital.
- **Project Overview:** Explored the LLMs' potential in evaluating autism from dialogue recordings and transcripts of the Autism Diagnostic Observation Schedule (ADOS), a standardized tool used by clinical experts to assess social interactions through specific ADOS coding items.
- **Key Contributions:**
 - Literature Survey: Conducted an extensive literature survey to propose and design the model architecture by integrating prosodic-acoustic entrainment concepts with a multimodal large language model framework.
 - Selected relevant coding items from the chosen ADOS session to ensure a reliable analysis consistent with clinical practice.
 - Participated in the prompt design, investigating various prompt structures and formulations to optimize model performance.
 - Analyzed experimental results from both clinical and technical perspectives, iteratively refining the model to better capture human interaction dynamics.

COMMUNITY SERVICE PROJECT

Healthcare and Education for Eastern Taiwan's Coastal Communities Feb 2014 – June 2014

- **Role:** Project Lead and Founder
- **Project Overview:** Led a comprehensive community service initiative to enhance healthcare and educational resources in Eastern Taiwan's coastal regions. The project involved medical assistance, educational tutoring for children, and community engagement with local organizations and institutions.
- **Key Contributions:**
 - **Healthcare Support:** Provided medical care and support services at local nursing and healing centers.
 - **Educational Outreach:** Participated in educational programs, including tutoring and consulting sessions, and facilitated art therapy workshops to promote academic growth, creativity, and mental health for children in underserved communities.
 - **Community Engagement:** Partnered with local organizations and institutions to develop and implement sustainable community-based initiatives addressing healthcare and educational needs.

AWARDS

Dean's Award, College of Science, National Taiwan University May 2024

- Recognized for ranking in the top 10% of Bachelor's degree graduates in the College of Science, National Taiwan University.

Best Chief Resident Award, Department of Psychiatry, Taipei Veterans General Hospital Jul 2024

- Recognized for exemplary leadership, clinical excellence, and outstanding contributions to patient care and resident education at the Department of Psychiatry, Taipei Veterans General Hospital.

Best Intern Award, National Taiwan University Hospital May 2015

- Awarded for exceptional performance in both academic and clinical aspects of the internship program at National Taiwan University Hospital.

Dean's Award, School of Medicine, Kaohsiung Medical University May 2015

- Ranked 2nd among 168 medical graduates, demonstrating outstanding academic performance and excellence in medical studies.

Community Service Project Award, Ministry of Education, Taiwan Oct 2014

- Honored for leadership and impact in developing and implementing the community service project that addressed societal needs in Taiwan.