

## **Curriculum Vitae**

### **I. Personal Information**

Chen, Celia, L. [clichen@umd.edu](mailto:clichen@umd.edu)  
<https://ischool.umd.edu/directory/celia-chen/>  
<https://clichen99.github.io/>

#### **I.A. Academic Appointments at UMD**

Postdoctoral Associate: August 2025 - Present  
Research Assistant, Advisor: Jennifer Golbeck; August 2023 – July 2025  
Teaching Assistant, Jennifer Golbeck; June 2023 – August 2023  
Research Assistant, Advisor: Cody Buntain; August 2022 – May 2023

#### **I.B. Other Employment**

Subject Matter Expert Consultant, Moonshot CVE; November 2024 - Present  
Research Assistant/Teaching Assistant, Rensselaer Polytechnic Institute; August 2017 – August 2020  
Research Assistant/Teaching Assistant, Rensselaer Polytechnic Institute  
    Supervisor: Dan Thero; January 2020 - August 2020  
    Supervisor: Alicia Walf; June 2019 - May 2020  
    Supervisor: Hui Su August 2017 - May 2018  
Musician, Overseas Chinese Instrumentalist's Orchestra; February 2011 - March 2020  
Performing Arts Teacher, Plainview Chinese Cultural Center; September 2015 - June 2017

#### **I.C. Educational Background**

PhD Information Studies  
University of Maryland College Park  
August 2022 – May 2025  
    Dissertation Title: “Stethoscopes to #SelfCare: The Transformation of Expertise Dynamics in Digital Environments”  
    Committee: Jennifer Golbeck (Chair), Naeemul Hassan, James Hendler, Philip Resnik, Jessica Vitak

M.S. Cognitive Science  
Rensselaer Polytechnic Institute  
August 2020 - May 2021  
    Thesis: “A refusal to be chained by fake science”: Evaluating public perception of medical professionals throughout the COVID-19 pandemic via Twitter”  
    Advisors: James Hendler, Alicia Walf

B.S. Cognitive Science and Psychological Science, Minor in Music  
Rensselaer Polytechnic Institute  
August 2017 - May 2020

#### **I.D. Professional Certifications, Licenses, and Memberships**

Certifications:

- CITI Training for Social & Behavioral Research - Basic/Refresher; Completion Date: September 15, 2022

- CITI Training for Social and Behavioral Responsible Conduct of Research; Completion Date: September 6, 2022

Memberships:

- Human-Computer Interaction Lab, UMD Member Since: August 2022
- ACM SIGCHI Member Since: March 2024
- Society for Social Studies of Science (4S) Member Since: March 2023

## II. Research, Scholarly, Creative and/or Professional Activities

### II.A. Conferences, Workshops, and Talks

#### II.A.1. Refereed Presentations

- **Celia Chen**, Alex Leitch, William Jordan Conway, Eric Cotugno, Emily Klein, Rajesh Kumar Gnanasekaran, Kristin Buckstad Hamilton, Casi Sherman, Celia Sterrn, Logan C. Stevens, Rebecca Zarrella, Jennifer Golbeck. In Bad Faith: Assessing Discussion Quality on Social Media. ASONAM 2025.
- Jennifer Golbeck, **Celia Chen**, Alex Leitch. Why I Took the Blackpill": A Thematic Analysis of the Radicalization Process in Incel Communities. ASONAM 2025.
- **Celia Chen**. Expertise Transformed: How Platform Architectures Reshape Professional Authority in Digital Spaces. PhD Consortium, WebSci25.
- Alex Leitch, **Celia Chen**. Unlimited Editions: Documenting Human Style in AI Art Generation. altCHI 2025.
- **Celia Chen**, Lovely Frances-Domingo. "Exploring Twitter Discourse on Safety Technology in U.S. Schools." Social Media & Society 2024.

#### II.A.2. Refereed Workshop Papers

- **Celia Chen**, Alex Leitch. "Evaluating Machine Expertise: How Graduate Students Develop Frameworks for Assessing GenAI Content". Human-GenAI Interactions: Shaping the Future of Web Science Workshop, WebSci25.
- **Celia Chen**, Alex Leitch. "LLMs as Academic Reading Companions: Extending HCI Through Synthetic Personae." Challenges and Opportunities of LLM-Based Synthetic Personae and Data in HCI Workshop, CHI 2024.
- **Celia Chen**, Alex Leitch. "Ephemeral Myographic Motion: Repurposing the Myo Armband to Control Disposable Pneumatic Sculptures." Sustainable Unmaking: Designing for Biodegradation, Decay, and Disassembly Workshop, CHI 2024.

#### II.A.3. Refereed Posters

- **Celia Chen**, Scotty Beland, William Conway, Eric Cotugno, Sadaf Davre, Rajesh Gnanasekaran, Marilyn Harbert, Jordan Heustis, Kristin Hamilton, Aliison Ingalls, Tanaya Jha, Emily Klein, Alex Leitch, Jessica Perkins, Jill Byczek, Casi Sherman, Logan Stevens Celia Sterrn, Becky Zarrella, Jennifer Golbeck. "Cross-Platform Violence Detection on Social Media: A Dataset and Analysis". WebSci25.
- **Celia Chen**, Sagar Baraskar, Xin Chen, Keaunna Cleveland, Chhavi Kumar, David Loshin, Haritha Malladi, Abdirisak Mohamed, Fatema Motiwala, Michael Rakhamimov, Jacob Rominski, Apoorva Shridhar, Anshika Srivastava, Aaron M. Wilson, Jennifer Golbeck "Show Me the Curve: A Cross-Platform Thematic Analysis of Flat Earth Social Media Posts." SBP-BRiMS 2024.
- **Celia Chen**, Alex Leitch. "Strain: Myoelectric Sculpture Control with the Thalmic Myo Armband." OSHWA 2024.

#### II.A.4. Refereed Panels

- **Celia Chen**, Lovely Frances-Domingo. "Exploring Twitter Discourse on Safety Technology in U.S. Schools." Digital policing: false promises or the future of law enforcement?, 4S 2023.

#### II.A.5. Non-Refereed Presentations

- **Celia Chen.** "Stethoscopes to #SelfCare: How We Decide Who to Believe Online." UMD Three-Minute Thesis Competition, April 2025.
- **Celia Chen,** Alex Leitch. "Strain: Myoelectric Sculpture Control with the Thalmic Myo Armband." UMD HCI Lab, January 25, 2024.
- **Celia Chen,** Alex Leitch. "Encapsulated Electromyography with Myo and Raspi." Chaos Computing Conference Fireshonks 2023.

#### II.B. Professional and Extension Publications

##### II.B.1. Pre-print / Working Paper (*Not Work in Progress*)

- **Celia Chen.** Identity Signaling Strategies Among Medical Professionals on Twitter: Mixed-Methods Study. Under Review at New Media + Society
- **Celia Chen.** "Developing and Evaluating an Open Access Violence Lexicon for Computational Detection." Under review at ICWSM2026.
- Alex Leitch, **Celia Chen.** Structured Hatching for Pocket Cuts with a Laser Engraver: Adobe Blend Tool as CNC Controller. Under review at UIST2026.

#### II.C. Completed Creative Works and Scholarship

##### II.C.1. Datasets

- **Celia Chen,** Scotty Beland, William Conway, Eric Cotugno, Sadaf Davre, Rajesh Gnanasekaran, Marilyn Harbert, Jordan Heustis, Kristin Hamilton, Aliison Ingalls, Tanaya Jha, Emily Klein, Alex Leitch, Jessica Perkins, Jill Byczek, Casi Sherman, Logan Stevens Celia Sterrn, Becky Zarrella, Jennifer Golbeck. Created for the paper "Cross-Platform Violence Detection on Social Media: A Dataset and Analysis". <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/ANGOX0>
- **Celia Chen.** "Open Access Violence Lexicon." Created for the paper "Developing and Evaluating an Open Access Violence Lexicon for Computational Detection." Available at: <https://github.com/clichen99/violence-lexicon>

##### II.C.2. Constructed Projects, Original Plans and Designs

- **Celia Chen,** Alex Leitch. "Strain: Myoelectric Sculpture Control with the Thalmic Myo Armband." Interactive sculpture controlled by electromyographic signals. Project documentation available at: <https://www.hackster.io/cmssc730-group-7/strain-6ee28a>

##### II.C.3. Exhibitions and Installations, Group

- **Celia Chen,** Alex Leitch. "Strain: Myoelectric Sculpture Control with the Thalmic Myo Armband." UMD InfoDesign Exhibit, May 2024.

##### II.C.4. Performing Arts

- **Celia Chen.** Guzheng, Cello, Harp, Piano, and Lion Dance Performer, 2012-2020. Notable performances:
  - Guzheng Soloist. Lincoln Center, New York City, January 2017
  - Guzheng Soloist, Alice Tully Hall at Lincoln Center, New York City, August 2015
  - Guzheng Performer, CAIPA Asian Heritage Night, Edison Ballroom, New York City, May 2018
  - Guzheng Performer, Chinese New Year Celebration, NYU Skirball Center, New York City, February 2014
  - Cello Performer, "Transform. Innovate. Inspire.", Carnegie Hall, New York City, October 2018

- Harp Performer, East Coast Scholarship Gala with Josh Groban, EMPAC, Troy, NY, October 2019
- Lion Dance, Guzheng, and Yo-Yo (Diabolo) Performer, Chinese New Year Celebrations, Sitan Tai Chi and Martial Arts, 2015-2017
- Dancer, 2019 Lunar New Year Celebration, The Egg, Albany, NY, February 2019
- **Celia Chen.** International Guzheng Contest Medalist
  - Silver Medal, United Nations Intangible Cultural Heritage International Organization's International Folk Music Competition, 2012
  - Bronze Medal, Third International Guzheng Competition, August 2016

#### II.C.5. Choreography

**Celia Chen.** Lion Dance and Chinese Yo-Yo (Diabolo) Choreographer, Chinese New Year Celebrations, Sitan Tai Chi and Martial Arts, 2015-2017.

#### II.D. Significant Works in Public Media

##### II.D.1. Internet

- Gary, A. (2025, January 29). The Trump Administration Walked Back a Funding Freeze. Higher Ed Remains Unsettled. The Chronicle of Higher Education. Quoted.
- Zhu, R. (2024, November 5). Memes and influencer media: New communication methods in US presidential elections [专访 | 模因泛滥、网红媒体化，美总统选战开创新传播方式]. The Paper (澎湃新闻). Quoted.
- Wang, Y., Zhu, R., Chen, R., & Zhang, W. (2024, November 4). The American wilderness under "election": California's reshaping: Dream of awakening and future warriors ["选"秀之下的美国式荒野 | 加州重塑：觉醒之梦与未来战士]. The Paper (澎湃新闻). Quoted.
- Shelton, S. (2024, October 22). How organizations and campaigns are trying to break through on TikTok to reach young voters. CNN. Quoted.

##### II.D.2. TV / Radio Broadcast

- "Celia Chen Plays the Guzheng." GNAT TV, 2019. Guzheng Solo Performance.
- "Dinner Party - Chef Ray Chen and Host Mike Corvino." GNAT TV, 2019. Guzheng Solo Performance.

##### II.D.3. Other

- 第三届国际青少年古筝比赛进行中，美国选手霸气演绎《战台风》！(The Third International Youth Guzheng Competition is underway, and the American contestant performs "Fighting the Typhoon" with great vigor!), 中国古筝网 (China Guzheng Network), August 2016

#### II.E. Works in Progress

- **Celia Chen.** How Graduate Students Negotiate Machine-Generated Content.
- **Celia Chen.** Mental Health Influencers on Tiktok.

#### II.F. Sponsored Research and Programs – Administered by the Office of Research Administration (ORA)

##### II.F.1. Grants

- **Celia Chen** (PI). Optimizing AI-Driven Support Systems for Cybersecurity Professional Development (ICPD-2025-26). IC Postdoctoral Research Fellowship, University of Maryland. \$196,516.80. September 2025 – Present
- **Celia Chen** (PI), Lovely-Frances Domingo, Samuel Dibella, Jonathan Briggs. From Echo Chambers to Empowerment: Social Media Narratives & School Safety

Realities (#3517). PROGRESS Limited Submission Community Innovation Seed Grant. \$29,385.40. August 2024 – Present

**II.G.**      **Other Research / Scholarship / Creative Activities**

- Self-Control, Self-Control Failure and Ego Depletion. 2020.
- The Well-Being Toolbox: Interactive Approaches with Complementary Use of Technology. 2019.
- IBM Cognitive and Immersive Systems Lab (CISL). HUMAINE — HUMAN Multi-Agent Immersive NEgotiation. 2018.
- IBM CISL. Intelligence Analysis Room. 2018.
- IBM CISL. Scientific Exploration and Discovery. 2017.

**II.H.**      **Research Fellowships, Prizes and Awards**

- UMD 2025 Three-Minute Thesis (3MT) Competition Winner, \$1000; April 2025
- International Conference Student Support Award (ICSSA), \$500; April 2025
- Jacob K. Goldhaber Travel Grant, \$600; April 2025
- Doctoral Student Research Award, \$1500; November 2024
- Jacob K. Goldhaber Travel Grant, \$400; May 2024
- International Conference Student Support Award (ICSSA), \$252.98; May 2024

**III.**      **Teaching, Extension, Mentoring, and Advising**

**III.A.**      **Courses Taught**

- INST670-WB11: Introduction to Javascript Programming, University of Maryland, Winter 2025. 15 students, online format.

**III.B.**      **Professional and Extension Education**

**III.B.1.**      **Guest Lectures**

- **Celia Chen.** "Spreadsheet Gaming: Data Optimization for Fun and Profit." INST405/705 HJP 2242, University of Maryland, September 2024.

**IV.**      **Service and Outreach**

**IV.A.**      **Committees, Professional & Campus Service**

**IV.A.1.**      **Campus Service – College**

- Student Member, Lecturer Search Committee (Physical Computing and Networking), University of Maryland iSchool, Spring 2025.