

ACL 2026

**The 11th Workshop on Computational Linguistics and
Clinical Psychology**

CLPsych

July 4, 2026

The ACL organizers gratefully acknowledge the support from the following sponsors.



©2026 Association for Computational Linguistics

Order copies of this and other ACL proceedings from:

Association for Computational Linguistics (ACL)
317 Sidney Baker St. S
Suite 400 - 134
Kerrville, TX 78028
USA
Tel: +1-855-225-1962
acl@aclweb.org

ISBN 979-8-89176-421-7

Introduction

Mental health remains a critical issue. Globally, mental health conditions rank among the top causes of disability [7, 9], and the economic burden of mental health issues, including neurological and substance use disorders, is expected to exceed \$16 trillion from 2011 to 2030 [2]. In the United States alone, suicide ranked among the top nine leading causes of death for individuals aged 10-64 in 2020 [3], and was the second leading cause of death in 2023 for people ages 10–14, 15–24, and 25–44 [4]. The COVID-19 pandemic has further exacerbated these mental health challenges. Research by Sheridan et al. [8] indicates that suicide attempts among children aged 10-12 have increased more than five-fold from 2010 to 2020. The deployment of Large Language Models (LLMs) in computational psychiatry has expanded from risk prediction to explainable diagnostics. These models analyze complex linguistic biomarkers while simultaneously generating natural language rationales for their prognostic assessments [5, 6]. In light of this, for The Eleventh Workshop on Computational Linguistics and Clinical Psychology (CLPsych), we built on last year theme, and adopted the theme "Moving Beyond Labels to Understand Mental Health Dynamics".

CLPsych was a hybrid workshop that accommodated both in-person and remote participation. It was collocated with ACL'26, which took place in San Diego, California, USA on July 4th, 2026. Since 2014, CLPsych has been successful in bringing together people from different backgrounds (e.g. mental health experts, clinicians, and computational linguists), to share and discuss their work and results. Its central goal is to build bridges so that these different disciplines can integrate to improve our understanding of mental health issues, and to deliver better mental health treatments and diagnoses to everybody.

Building on previous CLPsych shared tasks (2022, 2025), this year's CLPsych 2026 shared task [1] advances longitudinal mental health modeling through the MIND framework, which represents psychological self-states using Affect, Behavior, Cognition, and Desire (ABCD) components. The shared task is organized into three main parts: (1) identifying adaptive and maladaptive self-state compositions and estimating their presence at the post level, (2) detecting Moments of Change such as abrupt switches and gradual escalations across timelines, and (3) generating structured summaries and recurrent dynamic signatures of mental health change processes.

Our program committee included mental health and technological experts, in order to provide all the papers with more informative feedback that addresses both aspects. CLPsych'26 received a total of 58 papers for the main workshop, of which 32 were accepted; all 13 submitted shared task system papers were also accepted. The organizing committee, with the help of the program committee scores, and feedback chose 7 main workshop papers and 4 shared task papers as oral presentations, and the rest were presented in the poster session.

CLPsych'26 also hosted excellent invited speakers and panelists. Our keynote speakers were Trevor Cohen (University of Washington), and Dirk Hovy (Bocconi University in Milan). Additionally, we hosted a panel that included short talks and discussion by Colin Walsh (Vanderbilt University Medical Center), Justin Tauscher (University of Washington), Anat Brunstein Klomek (Reichman University), and moderated by Philip Resnik (University of Maryland, College Park).

The CLPsych organizing committee would like to extend special thanks to all the people that helped make the workshop a success. This includes and is not limited to our authors, shared task participants and organizers, program committee members. We also would like to thank the Association for Computational Linguistics for making this workshop possible. Special thanks to our generous sponsors: George Washington University, University of Glasgow, and Ariel University. Their funds helped to support the workshop's program, and provided support for attendees that don't have the financial means to cover their registration costs.

Aya Zirikly, Kfir Bar, Sean MacAvaney, Molly Ireland, Yaakov Ophir, Vasudha Varadarajan, Dana Atzil-Slonim, Steven Bedrick, and Bart Desmet



University
of Glasgow



References

- [1] Iqra Ali, Talia Tseriotou, Guy Dvir, Callum Chan, Yuxiang Zhou, Juan Antonio Lossio-Ventura, Ayal Klein, Aya Shamir, Dan Sayda, Anthony Hills, Aya Zirikly, Diana Inkpen, Dana Atzil-Slonim, and Maria Liakata. 2026. Overview of the clpsych 2026 shared task: Capturing and characterizing mental health changes through social media timeline dynamics. In *Proceedings of the 11th Workshop on Computational Linguistics and Clinical Psychology*. "Association for Computational Linguistics".
- [2] David E Bloom, Elizabeth Cafiero, Eva Jané-Llopis, Shafika Abrahams-Gessel, Lakshmi Reddy Bloom, Sana Fathima, Andrea B Feigl, Tom Gaziano, Ali Hamandi, Mona Mowafi, et al. 2012. The global economic burden of noncommunicable diseases. Technical report, Program on the Global Demography of Aging.
- [3] Daniel C Ehlman. 2022. Changes in suicide rates—united states, 2019 and 2020. *MMWR. Morbidity and Mortality Weekly Report*, 71.
- [4] Centers for Disease Control, Prevention, National Center for Health Statistics, et al. 2024. Underlying cause of death, 2018-2022, single race request: Deaths occurring through 2022. *National Vital Statistics System, Mortality 2018-2022 On CDC WONDER Online Database*.
- [5] Yu Jin, Jiayi Liu, Pan Li, Baosen Wang, Yangxinyu Yan, Huilin Zhang, Chenhao Ni, Jing Wang, Yi Li, Yajun Bu, et al. 2025. The applications of large language models in mental health: scoping review. *Journal of Medical Internet Research*, 27(1):e69284.
- [6] Elma Kerz, Sourabh Zanwar, Yu Qiao, and Daniel Wiechmann. 2023. Toward explainable ai (xai) for mental health detection based on language behavior. *Frontiers in psychiatry*, 14:1219479.
- [7] Christopher JL Murray, Alan D Lopez, World Health Organization, et al. 1996. *The global burden of disease: a comprehensive assessment of mortality and disability from diseases, injuries, and risk factors in 1990 and projected to 2020: summary*. World Health Organization.
- [8] David C Sheridan, Sara Grusing, Rebecca Marshall, Amber Lin, Adrienne R Hughes, Robert G Hendrickson, and B Zane Horowitz. 2022. Changes in suicidal ingestion among preadolescent children from 2000 to 2020. *JAMA pediatrics*.
- [9] Ma-Li Wong and Julio Licinio. 2001. Research and treatment approaches to depression. *Nature Reviews Neuroscience*, 2(5):343–351.

Organizing Committee

Workshop Chair

Ayah Zirikly, George Washington University

Organizing Committee

Kfir Bar, Reichman University

Sean MacAvaney, University of Glasgow

Molly Ireland, Receptiviti

Yaakov Ophir, Ariel University and University of Cambridge

Dana Atzil-Slonim, Bar-Ilan University

Vasudha Varadarajan, Carnegie Mellon University

Steven Bedrick, Oregon Health & Science University

Bart Desmet, Thomson-Reuters

Shared Task Organizers

Iqra Ali, Queen Mary University of London

Talia Tseriotou, Queen Mary University of London

Yuxiang Zhou, Queen Mary University of London

Dana Atzil-Slonim, Bar-Ilan University

Guy Dvir, Bar-Ilan University

Ayal Klein, Ariel University

Aya Shamir, Bar-Ilan University

Dan Sayda, Bar-Ilan University

Aya Zirikly, George Washington University

Maria Liakata, Queen Mary University of London & The Alan Turing Institute

Program Committee

Chairs

Iqra Ali, Queen Mary University of London
Kfir Bar, Reichman University
Sean Macavaney, University of Glasgow
Talia Tseriotou, Queen Mary University of London
Ayah Zirikly, Johns Hopkins University

Program Committee

Iyad Ait Hou, George Washington University
Mahmud Akhter, Queen Mary University of London
Falwah Alhamed, KACST
Maaz Amjad, Texas Tech University
Dana Atzil-Slonim, Psychology Department Bar-Ilan University
Khuyagbaatar Batsuren, National University of Mongolia
Ulya Bayram, Department of Electrical and Electronics Engineering, Çanakkale Onsekiz Mart University
Steven Bedrick, Oregon Health & Science University
Laura Biester, Middlebury College
Sergi Blanco-Cuaresma, Harvard-Smithsonian Center for Astrophysics
Ryan Boyd, University of Texas at Dallas
Ana-Maria Bucur, Università della Svizzera italiana
Igor Buyanov, Psytechlab
Honor Carolina, VA
Callum Chan, University of Ottawa
Jiyu Chen, Suncorp
Jenny Chim, Queen Mary University of London
Trevor Cohen, University of Washington
Hadar Dery, Haifa University
Bart Desmet, National Institutes of Health
Duc Do, Faculty of Information Technology, University of Engineering and Technology (UET-VNU), VNU
Guy Dvir, Bar-Ilan University
April Foreman, VA
Kathleen C. Fraser, University of Ottawa
Yusuke Fukazawa, Sophia University Graduate School
Salvatore Giorgi, Independent Researcher
Dimitris Gkoumas, Queen Mary University of London
Anmol Goel, TU Darmstadt
Nazli Goharian, Georgetown University
Kai Golan Hashiloni, Reichman University
Sharath Chandra Guntuku, University of Pennsylvania
Tal Guttman, Ben Gurion University
Lifeng Han, The University of Manchester
Keith Harrigian, Johns Hopkins University
Anthony Hills, Queen Mary University of London
Yu Hou, University of Southern California

Heyuan Huang, Johns Hopkins University
Kyomin Hwang, Seoul National University
Zac Imel, University of Utah
Loring Ingraham, George Washington University
Diana Inkpen, University of Ottawa
Molly Ireland, Receptiviti
Sarvnaz Karimi, CSIRO
Volodymyr Karpenko, Università della Svizzera italiana
Ayal Klein, Ariel University
Michelle Kuchuk, National Suicide Prevention Lifeline
Sunisth Kumar, University of Tokyo
Koushik L, Student, NITK
Allison Lahnala, McMaster University
Daeun Lee, Sungkyunkwan University
Daeun Lee, sungkyunkwan university
Changye Li, University of Washington
Zongxia Li, University of Maryland, College Park
Maria Liakata, Queen Mary University of London
Inna Lin, University of Washington
Karina Litvinova, University of Zurich
Juan Antonio Lossio-Ventura, National Institutes of Health
Pinxian Lu, Georgia Institute of Technology
Saad Mankarious, Cornell College
Stuart Middleton, University of Southampton
Do June Min, University of Michigan
Sarah Morgan, King's College London
Abdulrahman Morsy, George Washington University
Abir Naskar, researcher
Sergiu Nisioi, Human Language Technologies Research Center, University of Bucharest
Yaakov Ophir, Ariel University
Martin Orr, Auckland University Technology
David Piterman, NATAL
Judita Preiss, University of Sheffield
Emily Prud'hommeaux, Boston College
Sunny Rai, University of Pennsylvania
Surbhi Rathore, Symbl.ai
Elad Refoua, Department of Psychology, Bar Ilan University
Rebecca Resnik, Rebecca Resnik and Associates LLC
Philip Resnik, University of Maryland
Muhammad Rizwan, University of Ljubljana
Brian Roark, Google Inc.
Nathaniel Robinson, Johns Hopkins University
Nathan Roll, Stanford University
Christopher Rytting, University of Washington
Amit Sah, Indian Institute of Technology Delhi
Harshita Sahijwani, Dhirubhai Ambani Institute of Information and Communication Technology
Rupak Sarkar, University of Maryland, College Park
Dan Sayda, Bar-Ilan University
Jonathan Schler, HIT
Annika Marie Schoene, Northeastern University
Hendrik Schuff, TU Darmstadt

H. Andrew Schwartz, Stony Brook University
Aya Shamir, Bar-Ilan University
Loitongbam Singh, Indian Institute of Technology Ropar
Siddharth Singh, University of Amsterdam
Jiayu Song, queen Mary university of London
Richard Sproat, Sakana.ai
Chenkai Sun, University of Illinois at Urbana-Champaign
Justin Tauscher, University of Washington
Leili Tavabi, University of Southern California
Chaitze Tavens, UPJS Kosice Slovakia
Alexey Tolchinsky, GWU
Vu Tran, Japan Advanced Institute of Science and Technology
Trang Tran, Institute for Creative Technologies, University of Southern California
Adam Tsakalidis, Cedefop
Ahmet Yavuz Uluslu, University of Zurich
Adithya V Ganesan, Stony Brook University
Vasudha Varadarajan, Carnegie Mellon University
Ava Yahyapour, City University of New York
Andrew Yates, Johns Hopkins University
Refael Yonatan-Leus, The College of Management Academic Studies
Nari Yoo, University of Michigan
Qingcheng Zeng, Northwestern University
Mengjia Zhang, Chongqing Technology and Business University
Yuxiang Zhou, Queen Mary University of London
Zining Zhu, Stevens Institute of Technology
Jingwei Zhu, University of Science and Technology of China
Amirmohammad Ziaei Bideh, City University of New York
Moreah Zisquit, Reichman University

Table of Contents

<i>How'd You Type That So Fast? A Descriptive Analysis of Counselor Message Text Reuse in Text-Based Crisis Counseling</i>	
Stevi Gligorovic, Jens Kristian Schou, Zac Imel and Brent Kious	1
<i>Automated Detection and Classification of Delusion-related Content in Naturalistic Audio Diaries Using Multi-Agent Language Models</i>	
Feng Chen, Justin Tauscher, Changye Li, Meliha Yetisgen, Alex Cohen, Adam Kuczynski, Angelina Tsai, Benjamin Buck, Dror Ben-Zeev and Trevor Cohen	12
<i>Clinical Prompt Engineering: Encoding Clinical Knowledge into AI Training Simulations - A Crisis Deployment Case Study</i>	
Yuval Holzman, Eshkol Rafaeli, Zohar Elyoseph, Yuval Haber, Karen Yirmiya, Omer Linkovski, Tal Elyoseph and Elad Refoua	32
<i>Discriminant Validity: Disentangling Health and Emotional Constructs from Language-Based Assessments</i>	
Scott Feltman, Adithya V Ganesan, Whitney Ringwald, H. Andrew Schwartz, Roman Kotov, Benjamin Luft, Ryan Boyd and Oscar Kjell	43
<i>Multistream Modelling for Mental Health: Modelling Linguistic and Temporal Contexts with Mutual and Self-Excitation in Social Media</i>	
Anthony Hills, Talia Tseriotou, Mahmud Akhter, Junyu Mao, Iqra Ali, Xenia Miscouridou and Maria Liakata	56
<i>On the Role of Context in LLM Alignment to Mental Health Counseling Competencies</i>	
Sadiya Sayara Chowdhury Puspo, Marcos Zampieri and Özlem Uzuner	76
<i>The Reliability Illusion in Synthetic Patients: Psychometric Misalignment of Open-weight LLMs on PHQ-9 and GAD-7</i>	
Qian Shen and Yu Han	88
<i>Automatic Annotation of Mental Health Recovery Narratives: A Benchmark Study</i>	
Shrankhla Pandey, Graham Murray, Ben Laws, Stefan Rennick-Egglestone, Mike Slade and Sarah Morgan	100
<i>Before the Labels: How Dataset Construction Shapes Suicidality Detection in Clinical Text</i>	
Priyanshi Garg, Ishita Rao, Jieqiong Ding and Amandalynne Paullada	119
<i>Culture by Design: A Sociotechnical Framework for Culturally Grounded AI for Mental Health</i>	
Sunny Rai, Elizabeth Stade, Graise Zhou, Neil Sehgal, Simone Schrager, Sara Gerke, Lyle Ungar and Sharath Chandra Guntuku	128
<i>Creating Multilingual Mental Health Dialogue Datasets: Limits of Persona-Based Localization via Nationality and Language</i>	
Yunkai Xu and Saeed Abdullah	138
<i>Designing Structured Conversational Support for Tuberculosis Treatment Adherence and Patient Coping</i>	
Priyanshi Garg, Sarah Iribarren, Sikha Pentiyala, Yvette Rodriguez, Priscilla Carmiol-Rodriguez, Alfie Vidrio, Charles Kwanin, Jennifer Sprecher and Javier Roberti	153

<i>Enhancing Mental Health Counseling Support in Bangladesh using Culturally-grounded Knowledge</i>	
Md Arid Hasan, Azhagu Meena Sp, Aditya Khan, Abu Bhuiyan, Helal Ahmed, Joysree Debi, Farig Sadeque, Annie Lee and Syed Ishtiaque Ahmed	164
<i>Evaluating Document-Tuned Transformer Representations for Person-level Mental Health Assessment</i>	
Aaron Marker, Oscar Kjell, Vasudha Varadarajan and H. Andrew Schwartz	178
<i>Exploration of Perceptual Speech Features for Clinical Decision-Support in Mental Health Care</i>	
Vassilis Lyberatos, Edmund Dervakos, Eleni Adamidi, Athanasios Voulodimos and Giorgos Stamou	188
<i>Exploring Profiles of Cognitive Distortions Associated with Mental Health Disorders</i>	
Alina Anikejeva and Kairit Sirts	208
<i>Facet-Informed Prompting for LLM-Based Personality Assessment: Error-Guided Exemplar Selection and Hierarchical Prediction</i>	
Rasiq Hussain, Juhi Shah, Joshua Oltmanns and Mehak Gupta	221
<i>From Responses to Trajectories: Modeling the Development of Reflective Listening Skills</i>	
Dhruvil Thummar and Verónica Pérez-Rosas	238
<i>Ground Truths in Suicide Research: The Current State of AI-Based Suicide Detection in Social Media</i>	
Yaakov Ophir, Ofri Hefetz, Refael Tikochinski, Kfir Bar, Shir Lissak, Shulamit Grinapol, Haya Wachtel, Eyal Fruchter and Roi Reichart	244
<i>Language-Based Detection of Adherence to Evidence-Based Psychotherapy Scripts</i>	
Samuel Campione, Elizabeth Stade, Stefanie Losavio, Shreya Singhvi, William Xuan, Tony Bui, Maria Martin Lopez, Shashanka Subrahmanya, Bailee Schuhmann, Courtney Worley, Shannon Wiltsey Stirman, Johannes Eichstaedt and H. Andrew Schwartz	250
<i>LLMs as Standardised Patients for Motivational Interviewing: How Faithful Are They?</i>	
Van Hoang, Eoin Rogers and Robert Ross	258
<i>Measuring the quality of therapy sessions against assessment scales using augmented semantic-similarity approaches</i>	
Kejian Cui, Simon D’alfonso and Mike Conway	271
<i>Mirroring Minds: Asymmetric Linguistic Accommodation and Diagnostic Identity in ADHD and Autism Reddit Communities</i>	
Saad Mankarious, Nour Zeid, Iyad Ait Hou, Rebecca Hwa and Ayah Zirikly	282
<i>Mostly Grounded, Occasionally Risky: Expert Evaluation of LLM-Generated Supervisory Feedback in a Psychotherapy Training Simulator</i>	
Adrian Montesano, Justin Bloomberg and Marc Pérez-Buriel	298
<i>Psycholinguistic Profiles of Cognitive Distortions in Reddit Data</i>	
Neha Sharma, Navneet Agarwal and Kairit Sirts	306
<i>The Attachment Index: Auditing Attachment Language Cues and Relational Safety Risks in Human-LLM Dialogue</i>	
Cyndie Demeocq, Animesh Prasad, Marzieh Saeidi, Karen Goodall and Björn Ross	324
<i>The Text Aphasia Battery (TAB): A Clinically-Grounded Benchmark for Aphasia-Like Deficits in Language Models</i>	
Nathan Roll, Jill Kries, Flora Jin, Catherine Wang, Ann Marie Finley, Meghan Sumner, Cory Shain and Laura Gwilliams	340

<i>The Visibility of Depression in Social Media: Mapping Symptoms to Linguistic Features</i> Ștefana-Arina Tăbușcă, Ana Sabina Uban and Liviu Dinu	355
<i>Thinking With a Machine: An AI Agent's Account of Agentic Research in Clinical Psychology</i> Elad Refoua and Mor Bar	362
<i>When Rating Scales Fall Short: LLM-Assisted Discovery of ADHD Signals in Turkish Teacher Narratives</i> Baris Karacan, Irem Aktar Songur, Ahmet Ozaslan and Elvan Iseri	368
<i>Why Do Self-Harm Prediction Models Struggle to Generalise? – Lexical and Semantic Variations in Emergency Department Triage Notes</i> Liuliu Chen, Mike Conway, Jo Robinson and Vlada Rozova	383
<i>Overview of the CLPsych 2026 Shared Task: Capturing and Characterizing Mental Health Changes through Social Media Timeline Dynamics</i> Iqra Ali, Talia Tseriotou, Guy Dvir, Callum Chan, Yuxiang Zhou, Juan Antonio Lossio-Ventura, Ayal Klein, Aya Shamir, Dan Sayda, Anthony R Hills, Ayah Zirikly, Diana Inkpen, Dana Atzil-Slonim and Maria Liakata	389
<i>A Multi-Strategy Fusion Framework for Dynamic Mental State Modeling</i> Mengjia Zhang, Rui Chen, Haonan Xiao and Yi Yang	422
<i>Agentic Pipelines Meet Retrieval-Augmented ICL: A Zero-Training Approach to Mental Health Modeling</i> Anson Antony, Gautam Kumar and Annika Marie Schoene	435
<i>CUNY at CLPsych 2026: A Pipeline Approach to Classification and Summarization of Mental Health Change</i> Amirmohammad Ziaei Bideh, Shameed Job, Ava Yahyapour and Alla Rozovskaya	441
<i>DreamerNLplus: Interpretable Modeling of Mental Health Dynamics from Social Media Timelines using Hybrid Rule-Based and RAG Methods</i> Maryia Zhyrko, Daisy Lal, Erik van Mulligen and Lifeng Han	458
<i>Hierarchical Multi-Stage Modeling of Adaptive and Maladaptive Self-States in Social Media Timelines</i> Abir Naskar and Mike Conway	472
<i>McMasters of Change: Predicting Well-Being States and Transitions from Longitudinal Language</i> Hongyi Zhang, Derron Li, Scarlett Cleary, Aadi Sanghani, Akshay Krishna Sirigana, Brian Miguel Pimentel, Kelsey Isman, Kian Omoomi, Vasudha Varadarajan, Charles Welch and Allison Lahnala	482
<i>P2P - from Posts to Patterns: An LLM Ensemble Approach to Mental Health Dynamics Detection</i> Federico Ravenda, Volodymyr Karpenko, Antonietta Mira and Andrea Raballo	498
<i>Prompt-Based Modeling of Moments of Change and Change Summaries in Mental Health Timelines</i> Duc Do, Tin Pham, Vu Tran and Minh Nguyen	504
<i>psytechlab at CLPsych 2026: Utilising Natural Language Processing methods and Large Language Models for Social Media Text Analysis</i> Igor Buyanov, Nafisa Valieva and Ekaterina Mazurina	510
<i>Self-State Identification with Retrieved In-Context Examples and Open-Weight LLMs</i> Alina Ponomareva, Nina Stekacheva Sancho and Karina Litvinova	521

<i>Team Aurevia at CLPsych 2026: Local Healthcare NLP for Schema-Constrained Self-State Modeling</i>	
Nathan Roll, Irene Yi, Sufian Aldogom, Grace Brown, Eric Basile, Isaac Gutterman, Lakshika Tennakoon and Ammar Ahmed	531
<i>Team MKC at CLPsych 2026: Capturing and Characterizing Mental Health Changes through Social Media Timeline Dynamics</i>	
Kyomin Hwang, Hyeonjin Kim, Hyunho Lee and Nojun Kwak	535
<i>Theory-Explicit Prompting for MIND Self-States: Hierarchical LLMs and Dynamic Signature Extraction in Mental Health Timelines</i>	
Pawan Kumar, Ankit Meshram, Shubham Jha and Loitongbam Singh	547

Program

Friday, July 4, 2025

08:45 - 08:55	<i>Workshop Intro</i>
08:55 - 09:30	<i>Keynote 1</i>
09:30 - 10:30	<i>Paper Session 1</i>
10:30 - 11:00	<i>Break</i>
11:00 - 12:00	<i>Panel</i>
12:00 - 13:15	<i>Lunch</i>
13:15 - 13:55	<i>Paper Session 2</i>
13:55 - 14:30	<i>Keynote 2</i>
14:30 - 15:25	<i>Poster Session</i>
15:25 - 15:55	<i>Break</i>
15:55 - 16:55	<i>Shared Task Session</i>
16:55 - 17:35	<i>Paper Session 3</i>
17:35 - 17:45	<i>Closing Remarks</i>