

MoLA

MEETING ON LANGUAGE IN AUTISM

Mar **12** | Thursday

Poster Session 1

Odd-numbered posters present in the first half of the session 4:15 PM – 5:00 PM.
Even-numbered posters present in the second half of the session 5:00 PM – 5:45 PM.

Language Measurement and Assessment

- 1 **Defining language profiles in young autistic children across speaking, verbal, and generative dimensions.** Beccaria, F., Kolenberg, M., Leenen, L., Zink, I., Kissine, M.
- 2 **Examining relationships between standardized assessments and child communication in child-peer play sessions for young, minimally speaking autistic children.** Steinbrenner, J., Bourque, K., Weaver, J., Greer, S.
- 3 **Language impairment in autistic adolescents and young adults: variability by definition.** Girolamo, T., Butler, L., Hicks, T., Parish-Morris, J.
- 4 **Can LENA capture the complexity of communication? Examining LENA vocal productivity in relation to intentional communication and parent report in a remote study of autistic toddlers.** Britsch, E., Nadwodny, N., Larrauri, C., Carter, A., Stone, W., Broder-Fingert, S., Edmunds, S., Ingersoll, B., Sheldrick, C., Wainer, A.
- 5 **Language matters: Clinicians speak differently when assessing autism in boys vs. girls.** Cola, M., Lyons, M., Knox, A., Russell, A., Covello, M., Schillinger, S., Lee, A., Faulk, C., Howard, N., Franke, H.
- 6 **Early language and communication profiles in autism, other developmental concerns, and neurotypical development: preliminary findings from the SCIPS virtual parent-report screener.** Landa, R., McComish, C., Anderson, J.
- 7 **CELF-5 core language subtests: impacts of executive functioning on performance in autistic and non-autistic children.** Liles, K., McFayden, T., Karpinsky, M., Lyons, M., Lee, A., Schillinger, S., Fulop, L., Mulqueen, A., Strang, J., Miller, J.
- 8 **A non-word repetition 4-syllable extension: vocabulary associations and comparison to established protocols.** Barton, H., Choi, E., Fowler, E., Kover, S.
- 9 **A preliminary study of the directed caregiver communication assessment tool (DCCAT): caregiver communication profiles and relationships with child communication.** Almathkour, A., Woolf, L., Steinbrenner, J., Nowell, S., Boyd, B.
- 10 **"There's definitely very different camps": speech-language pathologists' perceptions of gestalt language processing.** Jensen, E., Johnson, J., Corrigan, G., Venker, C.

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- 11 **Examining correlations between frequencies of communication in a naturalistic sample and Vineland communication scores for individuals with profound autism.** Kannisto, M., Johnson, K.
- 12 **Harnessing special interests to elicit and evaluate naturalistic language production in autistic children.** Lanka, J., Tahami, T., Zeng, C., Jain, D., Desai, A., Parimal, S., Sipahi, H., Guerrero, A., Su, P., D'Mello, A.
- 13 **Validating the Early Communication Indicator – Autism (ECI-A) with young children on the autism spectrum.** Nowell, S., Steinbrenner, J., Woolf, L., Almathkour, A., Buzhardt, J., Boyd, B.
- 14 **Developmental trajectories of unconventional language: a longitudinal analysis from early childhood to early adulthood.** Schulkind, C., Luyster, R., Lord, C., Wisman Weil, L.
- 15 **Comparing direct and parent-report measures of expressive language abilities in autistic and neurotypical teenagers.** Prescott, K., Petersons, C., Schillinger, S., O'Connor, H., Groves, E., Franke, H., Abashidze, N., Weed, E., Fusaroli, R., Grossman, R.
- 16 **Examining the Early Communication Indicator – Autism (ECI-A) administered by caregivers and researchers with young children on the autism spectrum.** Steinbrenner, J., Nowell, S., Woolf, L., Almathkour, A., Buzhardt, J., Boyd, B.
- 17 **Does the PPVT reflect broader linguistic abilities in preschool children with Autism Spectrum Disorder?** Meged, S., Sukenik, N.

Cognition and Correlates

- 18 **Vocabulary acquisition in noisy social contexts in autistic children.** Fan, A., Mack, R., Kosich, K., Qi, Z., Stevenson, R.
- 19 **Modality-specific and shared language phenomena in autistic children: insights from signed and spoken language.** Shield, A.
- 20 **[WITHDRAWN]**
- 21 **Language is a key predictor of semantic verbal fluency in autism.** Liu, T., Ruiz, B., Aguilar, A., Zuk, J.
- 22 **Motor skills and production of nouns and verbs in TD and ASD.** LeGrand, K., Naigles, L.
- 23 **Restricted and repetitive behaviors are associated with diminished input for word learning in children with ASD.** Bianco, C., Yurkovic-Harding, J., Kennedy, D., Yu, C.
- 24 **Examining autistic children's spontaneous repetitions of auditory prompts during looking-while-listening tasks.** Venker, C., Corrigan, G., Johnson, J., Andrews, C.
- 25 **Visual imagery predicts semantic similarity judgments in autistic but not neurotypical adults.** Walker-Sharpe, P., Durrant, S., Theakston, A., Twomey, K.
- 26 **Aspectual production and its cognitive correlates in Mandarin-speaking autistic preschoolers with language impairment.** Chen, L., Durrleman, S.
- 27 **Sound-symbol correspondence in autism: the Boubu-Kiki effect.** Eigsti, I., Prescott, K.

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Social-Pragmatics & Narrative: Part 1

- 28 **“A quick hello”: exploring informal self-introductions of autistic and non-autistic adolescents over Zoom.** Schillinger, S., O'Connor, H., Groves, E., Franke, H., Abashidze, N., Petersons, C., Shen, S., Prescott, K., Cox, C., Weed, E.
- 29 **Pragmatic language ability and its relationship to assigned sex at birth and internalizing symptoms in autistic and non-autistic youth.** Karpinsky, M., Putnam, O., Cooleen, T., Lee, A., Liles, K., Lyons, M., Schillinger, S., Mulqueen, A., Fulop, L., Landa, R.
- 30 **What camouflaging in neurodiverse adolescents can tell us about speech dysfluencies.** Knox, A., Lyons, M., Schillinger, S., Lee, A., Faulk, C., Howard, N., Fulop, L., Mulqueen, A., Franke, H., Cola, M., Cho, S., Donaher, J., Liberman, M., Pandey, J., Schultz, R.T., & Parish-Morris, J.
- 31 **Acoustic accommodation to caregivers is stronger in autistic children.** Fusaroli, R., Cox, C., Weed, E., Istvan Szabo, B., Fein, D., Naigles, L.
- 32 **Narrative production at the intersection of autism and ADHD: preliminary evidence of overlap and divergence.** Or-Barkan, M., Kim, C., Groves, E., Grossman, R.
- 33 **Turn-taking transitions in conversations among autistic, non-autistic, and mixed neurotype adult pairs.** Poursorouh, Z., Buder, E., Jameson, M.
- 34 **Acoustic-prosodic differences in autistic and non-autistic children across conversational topics.** Janes, A., Agyeiwaa, A., Sasal, Z., Boucher, T., Iarocci, G., Yeung, H., Scheerer, N.
- 35 **Grammaticality judgments provide evidence of morphosyntactic challenges in verbally fluent autistic speakers.** Eigsti, I.
- 36 **Divergence in autistic people’s metonymies: evidence from acceptability judgments and paraphrasing.** Xie, S., Katsos, N.
- 37 **The passengers are in the ferry: reduced accuracy of autistic speakers in “peripheral” use of in and on prepositions.** Zane, E., Bochynska, A., Eigsti, I.

Reading and Literacy

- 38 **Word viewing times indicate more effort for autistic readers as they process early story constituents.** Zane, E., Crawford, C., Scarbough, H., Cohn, N., Coderre, E.
- 39 **Subgroup level changes in cortical thickness following reading intervention in autistic children.** Demirayak, P., Kana, R.
- 40 **Differential recruitment of the brain’s reading network in autism.** Thota, J., Valles-Capetillo, E., Kana, R.
- 41 **IQ disparity and brain responses to reading comprehension.** Martin, L., Valles-Capetillo, E., Kana, R.
- 42 **A graph theoretical approach to reading network connectivity in autism.** Krafick, K., Valles-Capetillo, E., Kana, R.

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- 43 **Correlates of reading skills in 3rd and 8th grade for early- vs. late-diagnosed autistic students.** Civelek, H., Birr, S., Cowan, I., Winsler, A.
- 44 **Reading intervention improves pragmatic language processing in autistic children.** Valles-Capetillo, E., O'Kelley, S., Kana, R.
- 45 **Reading and writing special education goals in a diverse sample of autistic youth: examining services and interrelationships across literacy skills.** Zajic, M., Tampakis, P.
- 46 **Anxiety affects reading comprehension in autistic children.** Argueta, P., Torres, L., Klapow, A., O'Kelley, S., Kana, R.
- 47 **Communicative agency of autistic main characters in children's books.** Corrigan, G., Venker, C.
- 48 **Joint attention and code-related emergent literacy skills in autistic and non-autistic children.** Sawyer, B., Davidson, D., Suzelis, K., Misiunaite, I.

Neurobiology of Language

- 49 **Language brain connectivity and social communication in autism.** Bakul, F., Valles-Capetillo, E., Kana, R.
- 50 **Infant brain maturational trajectories correlate with language outcomes in toddlerhood.** Inman, A., Walum, H., Ford, A., Shultz, S.
- 51 **Neural complexity alignment predicts information transfer in neurodiverse dyads during natural conversation.** McCleod, M., Malaia, E.
- 52 **Neurophysiological development of visual statistical learning and language in autistic children.** Petit, M., Calcus, A., Merchie, A., Ferez, M., Kissine, M., van Esch, L., Demurie, E., Deliens, G., Warreyn, P., Destrebecqz, A.
- 53 **From mapping to memory: autistic adults' mentalizing system activation during word learning and memory outcomes.** Trice, K., Qi, Z.
- 54 **Beyond forced choice: using statistically induced chunking recall (SICR) to assess statistical learning in autism.** Bell, R., Eigsti, I.
- 55 **Autistic children learn the shape bias for object labels.** Belluck, A., Momna, A., Goldberg, A.

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Poster Session 2

Odd-numbered posters present in the first half of the session 4:15 PM – 5:00 PM.
Even-numbered posters present in the second half of the session 5:00 PM – 5:45 PM.

Exploring Modality and Bi/Multilingualism

- 1 **Early markers of autism in multilingual contexts: a focus on Urdu and Punjabi.** Bilal, M.
- 2 **[WITHDRAWN]**
- 3 **Bilingual autistic students are more likely than monolingual autistic students to take foreign language courses (I3) in secondary school.** Birr, S., Cowan, I., Civelek, H., Nguyen, M., Winsler, A.
- 4 **Bilingual scaffolding during shared book reading: language use in Mandarin–English immigrant families with autistic children.** Jiang, X.
- 5 **Working memory and bilingual experience shape syntactic comprehension in autistic children: a cross-linguistic study.** Abd El-Raziq, M., Chondrogianni, V., Baumeister, F., Wolfer, P., Durrleman, S.
- 6 **Parent language input in deaf and hearing families with autistic children.** Ballinger, H., Eppley, A., Lindeman, J., Rosenthal, B., Sydney, S., Shield, A.

AAC and Low/Minimally Verbal

- 7 **Beyond translation: Spanish-speaking families on equitable communication partner instruction in AAC.** McNamara, E., Xu, Y.
- 8 **Communication methods used by non-speaking and minimally speaking children and adults on the autism spectrum.** Frick, E., Dinh, L., Kelly, A., de Marchena, A., Vivanti, G.
- 9 **Speech-like vocalizations in minimally verbal autistic children with and without second language exposure.** Nyhof, M., Russo, G., Chen, Y., Kasari, C., Tager-Flusberg, H.
- 10 **Results of a multimodal intervention aimed at teaching speech.** Brady, N., Kosirog, C., Fleming, K., Osabuohien, L.
- 11 **Multilingual exposure and its impact on language and communication in minimally verbal children with ASD: preliminary findings.** Cohn, S., Geva, R., Meir, N.
- 12 **Exploring speech experiences, CPIB scores, and AAC assessment experiences of autistic AAC users with intermittent, unreliable, insufficient, and/or expensive speech.** Herr, P., Rayl, K., Eddy, B., Donaldson, A., Fuller, S., Zisk, A.
- 13 **Natural language sampling in minimally speaking autistic youth and caregivers: activities and receptive-expressive language.** Ashton, B., Sweeney, C., Girolamo, T., Butler, L.
- 14 **Predictors of receptive language in a transdiagnostic sample of minimally verbal 4- to 12-year-olds: results from one year follow up.** Saul, J., McGuinness, L., Cooke, M., Matthews, D.
- 15 **Use of the low verbal investigatory survey in minimally speaking autistic adolescents and adults.** Stockwell, K., Montazeri, R., Jaswal, V.
- 16 **Investigating meaning composition in low-verbal autistic individuals who script.** LeGrand, K., Naigles, L.

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Early Development & Caregiver Dynamics

- 17 **Predictors of novel word recognition and production in autistic children: a microgenetic investigation with 24-hour outcomes.** Barton, H., Kover, S.
- 18 **The favorite interests of autistic preschoolers with varying levels of expressive language.** Spizale, G., Luyster, R., Arunachalam, S.
- 19 **Associations between household language and the acquisition of early language milestones in children with autism.** Vanegas, S., Xu, Y.
- 20 **Infant-directed song potentiates selective attention to adults' mouths during the first two years of life in typically-developing infants and those with ASD.** Bien, E., Kolios, A., Myers, S., Ford, A., Alviar, C., Jones, W., Klin, A., Lense, M., Edwards, L.
- 21 **Predictors of canonical vocalization development in preverbal autistic toddlers.** Boorom, O., Martell, S., Southerland, A., Fleming, K., Rehg, J., Rozga, A., Brady, N., McDaniel, J.
- 22 **The linguistic profiles of preschool children with Autism Spectrum Disorder.** Stadler, A., Cohen, O., Sukenik, N.
- 23 **TSC and Autism Spectrum Disorder: profiles in early vocal development.** Gipson, T., Bene, E., Perry, L., Messinger, D., Oller, K.
- 24 **Restricted and repetitive behaviors as predictors of language development in toddlers with autism.** Johnson, R., Seenaraine, E., Brady, N., McDaniel, J., Boorom, O., Southerland, A., Martell, S., Rozga, A.
- 25 **Vocal turn taking and the role of caregiver stress in autistic toddlers.** Kanchadapu, S., Manikkan, R., Rymer, L., West, K.
- 26 **Shared language produced by young autistic children.** Kosloski, E., Rollins, P.
- 27 **Real-time connections between autistic toddlers' motor behaviors and language inputs.** Manikkan, R., West, K.
- 28 **A pause, not a stop: language regression in toddlers with high familial likelihood of autism.** McAllister, M., McFayden, T., Ravi, S., Girault, J., Zwaigenbaum, L., Schultz, R., Estes, A., Swanson, M.
- 29 **The influence of social word features on early word learning in autistic and non-autistic children.** Mitu, F., Haebig, E.
- 30 **The influence of early vocal contingency on later language outcomes in autism and typical development.** Ramsay, G., Pileggi, M., Brane, N., Klaiman, C.
- 31 **Rolling into language: exploring associations between language and motor development in babies at low and elevated likelihood for autism.** Stone, C., Vu, M., Gilyard, K., Arunachalam, S., Luyster, R., Bergelson, E., Harris, M., Tenenbaum, E.
- 32 **Caregiver-infant vocal coordination in speech-like and distress vocalizations during the first year of life: a comparative study of typically developing and autistic infants.** Yoo, H., Ramsay, G., Bene, E., Poursoroush, Z., Su, P., Long, H., Klaiman, C., Pileggi, M., Brane, N., Oller, K.

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- 33 **Progression of language and intervention histories in language delayed toddlers with autism.** Thomas, R., Bose, A., Faja, S., Wilkinson, C.
- 34 **Using production practice to improve word learning in autistic preschoolers.** Scoppa, M., Goffman, L., Su, P.
- 35 **Effects of parent child interaction behaviors on language gains in autistic toddlers.** Bose, A., Hou, X., Thomas, R., Faja, S., Wilkinson, C.
- 36 **Parents' perceptions of the role of screen media in their autistic child's development of play and language.** Mensah-Aborampah, L., Bourgeois, B., Coburn, K., Buonocore, T., Arunachalam, S., Luyster, R.

Social-Pragmatics & Narrative: Part 2

- 37 **Narrative macrostructure in language-matched autistic and neurotypical adolescents: evidence from Quebec French.** Vieira, T., Amantayev, N., Smith, E., Nadig, A.
- 38 **Moi, je pense: characteristics and perceptions of autistic and neurotypical adolescents' discourses persuading peers and adults in Quebec French.** Lacroix-Beaudette, K., Wong, J., Smith, E., Nadig, A.
- 39 **Language features indicative of an autistic "linguatype" are rated as less clear and less enjoyable.** Lattimer, M., Luyster, R., Zane, E.
- 40 **Differing associations between internal state terms and pronominal ambiguity in the creative narratives of autistic versus non-autistic children.** Zane, E., Kingsbury, S., Kingsbury, H., Shield, A., Grossman, R.
- 41 **Examining sex differences in self-report and clinician ratings of prosody in autistic and non-autistic adults.** Cardinaux, A., O'Brien, A., Quan, L., Li, C., Gabrieli, J.
- 42 **Exploring pauses in neurodiverse discourse.** Coburn, K., Hope, M., Klansek, M., Stoecker, K.
- 43 **Use of group affiliation language by cisgender and gender-expansive autistic adults: a mixed methods analysis.** Grossman, R., Coburn, K., Conners, C.
- 44 **Exploring pragmatic abilities in sisters of autistic individuals: a solution to the paradox of research on female autism.** Belenger, M., Dumont, C., Kissine, M.
- 45 **The production of mental state verbs in children with autism: insights from a sentence completion task.** Eilon, I., Novogrodsky, R.
- 46 **"Do you have anything you wanna ask me?": examining the relationship between questions and conversational enjoyment in autistic and non-autistic teens.** Franke, H., Shen, S., Petersons, C., Abashidze, N., Groves, E., O'Connor, H., Schillinger, S., Eigsti, I., Grossman, R., Fusaroli, R.
- 47 **Characterizing talkativeness and laughter during naturalistic conversations in autistic adolescents in same-sex and opposite-sex contexts.** Fulop, L., Mulqueen, A., Faulk, C., Bordofsky, A., Williams, Z., Cho, S., Vernon, T., Parish-Morris, J.

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- 48 **Jump right in!: overlapping speech and social impressions in adolescents with autism, anxiety, or neurotypical development.** Lyons, M., Fulop, L., Howard, N., Franke, H., Mulqueen, A., Schillinger, S., Lee, A., Cola, M., Yates Flanagan, A., Pandey, J.
- 49 **When words align: Language style matching and same/opposite-sex conversational contexts influence social impressions of autistic adolescents.** Mulqueen, A., Fulop, L., Faulk, C., Bordofsky, A., Cho, S., Williams, Z., Vernon, T., Parish-Morris, J.
- 50 **A longitudinal investigation of acoustic conversational speech properties in autistic and typically developing children.** Fusaroli, R., Cox, C., Weed, E., Istvan Szabo, B., Fein, D., Naigles, L.
- 51 **Narrating stories across gesture and speech: does narrative perspective matter?.** Ozcaliskan, S., Baumann, S., Wyble, A.

Methodology

- 52 **Assessing the validity of webcam-based eye tracking in word learning research.** Skibicki, M., Pesantes, G., Clark, G.
- 53 **Who makes the cut? Children with less language have higher rates of track loss in gaze tracking tasks.** Flanagan, G., Buonocore, T., Arunachalam, S., Luyster, R.
- 54 **Assessing intentional communication in autistic toddlers: feasibility of remote free play and structured tasks across time.** Larrauri, C., Britsch, E., Carter, A., Stone, W., Broder-Fingert, S., Edmunds, S., Ingersoll, B., Sheldrick, C., Wainer, A.
- 55 **Introducing the NYU-Emerson corpus: transcripts of parent-child interaction with young autistic children.** Steen, K., Buonocore, T., Arunachalam, S., Luyster, R., Sancimino, C.
- 56 **A method for studying emotion word comprehension that does not include faces.** Carroll, L., Arunachalam, S.