

Profectum 2024 Spring Conference



Communication, Language, & Speech through a DIR[®] Lens: From the Cradle to the Classroom and Beyond!



2 SUNDAYS

APRIL 7 & 14, 2024

Plenary Presentations

Sherri Cawn, MA, CCC-SLP
Gilbert Foley, EdD, IMH-E®
Sima Gerber, PhD, CCC-SLP
Cindy Harrison, MSc Reg CASLPO
Michele Ricamato, MA, CCC-SLP
Carol Westby, PhD, CCC-SLP
Serena Wieder, PhD

Breakout Sessions

Michelle Attardi, MA, CCC-SLP
Lauren Blaszak
Linda Cervenka, MA, CCC-SLP
Liesl Hartmann, MA CCC/SLP, BCS-CL
Jennifer Hein, OTR/L
Mary Ann O'Connell, MA, CCC-SLP
Michele Ricamato, MA, CCC-SLP
Jordan Sadler, MS, CCC-SLP
Ruby Salazar, LCSW, BCD



Sima Gerber, PhD, CCC-SLP
Profectum Conference Chair

Greetings,

All parents eagerly await their child's first words. Eventually, as children develop more and more language, they share with those around them, who they are becoming. Yet for many children with developmental disorders, communication, language, and speech challenges are pervasive. The absence, late emergence, or unique patterns of speech and language development are often the first concern that parents bring to specialists in every discipline. Educators, mental health clinicians, occupational therapists, and others interacting with language-impaired children wonder how to integrate evidence-based language facilitation strategies into their own discipline's priorities.

The focus of this conference is to provide a clear understanding of the foundations of early and later language capacities and to illustrate how this information helps us meet the challenges that each child faces.

DIR® interdisciplinary experts will address the language and communication difficulties seen in infants, young children, school-aged children, and young adults with autism spectrum disorders. In addition, our internationally renowned guest speaker, Carol Westby, will discuss two topics of particular interest to this population of children and young adults – theory of mind and autobiographical memory. Special attention will be given to the language and communication issues that emerge at different points across the lifespan and in different contexts of the child's life, such as home, school, and work settings.

The goal of the conference is to provide a comprehensive understanding of the language development process and to translate this information into evidence-based intervention approaches. It is our hope that the unique integration of developmental language models and the DIR® approach will give the participants an opportunity to rethink their communicative interactions with children and young adults who are struggling to find the words to tell us who they are.

As a result of this conference you will be able to:

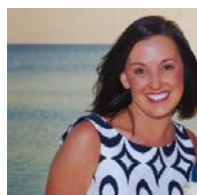
- identify three hallmarks of prelinguistic development which impact the acquisition of language and communication.
- describe the relationship between symbolic play, theory of mind, emotional development, and language.
- determine developmentally appropriate goals to address with individual children.
- identify strategies that can be adapted by parents and all practitioners to support the development of language and communication in children on the autism spectrum.

Thank you and we so look forward to seeing you at the conference!

Sima Gerber and the Conference Committee



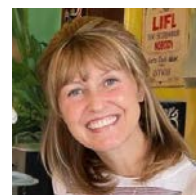
Gilbert Foley,
EdD, IMH-E®



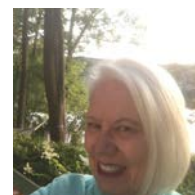
Jennifer Hein,
OTR/L



Mary Ann
O'Connell,
MA, CCC-SLP



Michele
Ricamato
MA, CCC-SLP



Ruby Salazar,
LCSW, BCD



Serena Wieder,
PhD

SCHEDULE

Sunday, April 7, 2024
8:30 am - 4:15 pm eastern

8:15-8:30 am	Zoom opens for attendees
8:30-9:15 am	Welcome to DIR® and Developmental Language Models of Assessment and Intervention Serena Wieder, PhD and Sima Gerber, PhD, CCC-SLP
9:15-10:15 am	Language as an Organizer of Self Gilbert Foley, EdD, IMH-E
10:15-11:15 am	Detect and Connect: The Path to Intentional Communication Sherri Cawn, MA, CCC-SLP
11:15-11:30 am	Break
11:30-12:30 pm	Theory of Mind and Beyond: Making Sense of the Social World Carol Westby, PhD, CCC-SLP
12:30-1:15 pm	Lunch
1:15-2:15 pm Concurrent Breakout Sessions: Choose 1 of 3	Autism & Gesture Mary Ann O'Connell, MA, CCC-SLP Adapting and Creating Curriculum that Ensures Comprehension and Meaningful Learning Michele Ricamato, MA, CCC-SLP, Kristy Anselmo, MS, CCC-SLP, Sara DuBois, MS, SLP, Amanda Posegay, MS, CCC-SLP, Kelsi Rarick, MS, CCC-SLP, Brittany Spoeri, SLPA Candidate, Courtney Sullivan, MS, CCC-SLP/L, Kalina Waszak, MS, CCC-SLP Supporting Gestalt Language Processing through a Developmental Approach: A Case Study Liesl Hartmann, MA CCC/SLP, BCS-CL and Jordan Sadler, MS, CCC-SLP
2:15-2:30 pm	Break
2:30-4:00 pm	Telling My Stories: The Role of Autobiographical Memory Carol Westby, PhD, CCC-SLP Discussion with Dr. Westby Carol Westby, PhD, CCC-SLP and Sima Gerber, PhD, CCC-SLP
4:00-4:15 pm	Closing Remarks Sima Gerber, PhD, CCC-SLP

SCHEDULE

Sunday, April 14, 2024
8:30 am - 4:00 pm eastern

8:30 - 8:45 am	Zoom opens for attendees
8:45-9:00 am	Welcome Back! Serena Wieder, PhD
9:00–10:00 am	Developmental Transitions and Affect Transformations to Symbolic Communication in Play and Language Serena Wieder, PhD
10:00-11:00 am	Something for Everyone: A Contemporary Assessment and Intervention Approach for Children with Challenges in Communication, Language, and Speech Sima Gerber, PhD, CCC-SLP and Michele Ricamato, MA, CCC-SLP
11:00-11:15 am	Break
11:15-12:15 pm	Creating a Meaningful Life: Pre-employment and Employment Supports for Neurodivergent Individuals Cindy Harrison, MSc Reg CASLPO
12:15–1:00 pm	Lunch
1:00–2:00 pm	Neither Comprehension nor Learning Can Take Place in an Atmosphere of Anxiety Linda Cervenka, MA, CCC-SLP
Concurrent Breakout Sessions:	Language All Day, Everyday: Using Augmentative Alternative Communication To Keep the Conversation Going. Is It Possible? Lauren Blaszak and Michelle Attardi, MA, CCC-SLP
Choose 1 of 3	Essentially Families Ruby Salazar, LCSW, BCD
2:00–2:10 pm	Break
2:10–3:00 pm	How has the DIR® Model Influenced My Practice as a Speech and Language Pathologist? Coordinated by Michele Ricamato, MA, CCC-SLP - see the Program with a list of group facilitators <i>*Mental Health continuing education credits are not offered for this presentation.</i>
Concurrent Breakout Sessions:	How to integrate Information from the Speech Language Pathologist into My Work as an Occupational Therapist, Mental Health Practitioner, or Educator Coordinated by Jennifer Hein, OTR/L - see the Program with a list of group facilitators
Choose 1 of 3	DIR®: A Parent's Perspective Cindy Harrison, MSc Reg CASLPO
3:00–3:45 pm	Voices Across The Disciplines – Takeaways And Future Goals Interdisciplinary Panel
3:45–4:00 pm	Closing Remarks Sima Gerber, PhD, CCC-SLP

REGISTRATION

Profectum is committed to providing equitable access to our conferences across a wide span of constituencies, including across our many international stakeholders and attendees. In an effort to remove barriers to attendance, we are pleased to offer a sliding scale of registration fees. The “**Community Supported**” fee is available for anyone with financial or other hardships. The “**Standard**” fee is the set cost. The “**Pay It Forward**” fee enables you to assist in covering costs for others. There are no separate forms or processes; each registrant should choose the amount they are comfortable paying, and register at that price.

2 Day Registration

- Early Bird (until March 15th): \$275
- Standard (after March 15th): \$335
- Community Supported: \$150
- Pay it Forward: \$375
- Group 5+ (after March 15th): \$295
 - Fee is per person, all from the same organization
- Parents and Students (no CEs): \$75
- Student groups of 10 or more attendees (no CEs):
 - Contact conferences@profectum.org for details.

1 Day Registration

- Early Bird (until March 15th): \$195
- Standard (after March 15th): \$235
- Community Supported: \$125
- Pay it Forward: \$275
- Group 5+ (after March 15th): \$205
 - Fee is per person, all from the same organization
- Parents and Students (no CEs): \$75
- Student groups of 10 or more attendees (no CEs):
 - Contact conferences@profectum.org for details.



Recordings: Recordings, will be available up to 45 days post conference with a conference registration

Continuing Education: Applications are being submitted to the following: AOTA, ASHA, APA, Florida Board of Clinical Social Work, Marriage and Family Therapy and Mental Health Counseling, California Board of Behavioral Sciences, Texas Board of Social Work Examiners, Texas Board of Professional Counselor, Ohio Counselor, Social Worker and Marriage and Family Therapist Board, New York Social Work Board, Florida Board of Nursing, California Board of Registered Nursing

Conference Cancellation Policy: Cancellations more than 10 working days (Mon-Fri) before the start date of this program will result in a refund less a \$25.00 cancellation fee. No refund can be given for a cancellation 9 or fewer working days (Mon-Fri) before this program start date. [March 26, 2024] Requests for refunds must be received in writing via email to conferences@profectum.org. In the event that this program is cancelled, you will be notified immediately via email and a credit will be issued toward a rescheduled program, or the entire submitted fee will be refunded without further liability on the part of the organizer.

Conference Special Accommodations Requests: If you require ADA accommodations or have a special needs request, please email conferences@profectum.org at least two weeks before the program start date so arrangements can be made.

Communication, Language, & Speech through a DIR® Lens: From the Cradle to the Classroom and Beyond!

Sunday, April 7 & Sunday, April 14, 2024

All parents eagerly await their child's first words. Eventually, as children develop more and more language, they share with those around them, who they are becoming. Yet for many children with developmental disorders, communication, language, and speech challenges are pervasive. The absence, late emergence, or unique patterns of speech and language development are often the first concern that parents bring to specialists in every discipline. Educators, mental health clinicians, occupational therapists, and others interacting with language-impaired children wonder how to integrate evidence-based language facilitation strategies into their own discipline's priorities.

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- describe the relationship between symbolic play, theory of mind, emotional development, and language.
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- identify strategies that can be adapted by parents and all practitioners to support the development of language and communication in children on the autism spectrum.

Welcome to DIR® and Developmental Language Models of Assessment and Intervention

Sima Gerber, PhD, CCC-SLP and Serena Wieder, PhD

In this presentation, the foundational principles of DIR and Developmental Language models will be briefly outlined. The overlapping developmental constructs of these two models will be clarified and the shared assessment and intervention goals and strategies will be outlined.

As a result of this presentation, participants will be able to:

1. Describe the foundational principles of DIR®.
2. Describe the foundational principles of Developmental language models.
3. List three goals and three strategies of intervention that would be common to both the DIR® and Developmental language models.

Language as an Organizer of Self

Gilbert Foley, EdD, IMH-E®

Essential elements of the experienced-self are coherence, wholeness, continuity, centrality and active vitality. Language serves a key role in weaving and subsuming the multi-faceted features of the self into a coherent and relative integrated superordinate gestalt. Language synthesizes, conceptualizes and mentalizes the corporeal self into a representational self that is able to be grasped in the gasp of "I".

This presentation examines the role of language development in organizing, consolidating and differentiating the forming and unfolding self. The voice of the mother is an important "zero point" around which the infant orients, organizes and regulates herself. Gestures both differentiate the self from "other" and promote joint attention. Shared intentionality and meanings are bridges to theory of mind. Dialogue at all levels along the language continuum from gesture to conversation sanctions the self to be experienced as both subject and object. Language comprehension is the portal to joining the social world. The spoken word allows the child to stay connected to mother over distance serving an important regulating function, furthering the separation individuation- process and sharpening the self-observing self. Language elaborates the sense of self, identity and intercultural communication.

As a result of this presentation, participants will be able to:

- Define central attributes of the self.
- Explain at least 3 ways that language promotes features of self- development.
- Identify early language markers of self-regulation.

Detect and Connect: The Path to Intentional Communication

Sherri Cawn, MA, CCC-SLP

As babies weave intention into their cries and coos, they're not just expressing needs, they're creating the building blocks for a shared world of meaning. We, the caregivers, are nurturing the collaborative development of early communication. This presentation will discuss the development of intentional communication as well as emphasize the role of the caregiver in responding to and nurturing the child's communication attempts. Participants will have the opportunity to see video clips with accompanying slides to enhance specific concepts.

As a result of this presentation, participants will be able to:

- Explain the role of the caregiver in nurturing intentional communication.
- Describe the stages of intentional communication.
- Describe 3 strategies to support intentional communication.

Theory of Mind

Carol Westby, PhD, CCC-SLP

Theory of mind (ToM) deficits and delays are particularly associated with autism, but are characteristic of persons with a variety of communication impairments. Deficits in ToM are associated with difficulties making appropriate inferences in social and academic situations, and hence with poor social interactions and oral and written language comprehension deficits. ToM is not a unitary construct. Research has documented 5 types of ToM each with a different neurological underpinning. The difficulties that have been explained by ToM are also being explained in terms of context blindness and a prediction disorder. Given the role of ToM in social and academic functioning, it is important that service providers recognize behaviors that indicate delays/deficits in the different types of ToM and have strategies for assessing and developing the range of ToM skills in persons they serve. This presentation will describe the types of ToM, the developmental stages of ToM, the nature of context blindness and prediction disorder.

As a result of this presentation, participants will be able to:

- Describe 5 types of theory of mind.
- Describe and assess the developmental stages of theory of mind in children from infancy through adolescence.
- Explain how the concepts of context blindness and prediction disorder explain difficulties in social interpretation.

Autism & Gesture

Mary Ann O'Connell, MA, CCC-SLP

This session will begin by infusing foundational elements of the DIR® model, regulation, affective engagement, and shared attention with an overview of intentional communication development highlighting gestural development in pre-linguistic and early linguistic children.

Next, a summary of gesture and autism studies will illustrate current information about gestural development and autism compared to non-autistic children. A strength-based model will guide the construction of this session, as the aim is not to compare/contrast autistic and non-autistic children from a deficit-based model. The goal is to convey the importance of understanding gestural development with autistic and non-autistic children to appreciate ways of supporting families and their children to engage in pathways that align and support individual differences but retain developmental elements foundational to communication and language development.

As a result of this presentation, participants will be able to:

- Summarize sequence of developmental gestures in non-autistic & autistic children in pre-linguistic and early linguistic stages of child development.
- Observe at least two similarities in gestural development when comparing autistic & non-autistic children based on research to date in prelinguistic and early linguistic stages of child development.
- Identify two ways the DIR® model supports development of intentionality, gestures, communication, and language.

Adapting and Creating Curriculum that Ensures Comprehension and Meaningful Learning

Michele Ricamato, MA, CCC-SLP, Kristy Anselmo, MS, CCC-SLP, Sara DuBois, MS, SLP, Amanda Posegay, MS, CCC-SLP, Kelsi Rarick, MS, CCC-SLP, Brittany Spoeri, SLPA Candidate, Courtney Sullivan, MS, CCC-SLP/L, Kalina Waszak, MS, CCC-SLP

Educational environments offer unique learning opportunities for all students when curriculum can be created and adapted to ensure understanding of the content and language presented. In this presentation, Soaring Eagle Academy Speech and Language Pathologists will present a brief overview of how they prioritize comprehension in every academic learning experience to ensure meaningful learning and personal connections for students of all learning profiles.

As a result of this presentation, participants will be able to:

- Describe the importance of comprehension while engaged in learning of academic material.
- Explain how mainstream curriculum can be adapted to support various comprehension levels and student profiles.
- Describe how the literacy specific activities can be creatively adapted to support language comprehension and language learning.

Supporting Gestalt Language Processing through a Developmental Approach: A Case Study

Liesl Hartmann, MA CCC/SLP, BCS-CL and Jordan Sadler, MS, CCC-SLP

Please join Jordan and Liesl - long time developmental Speech Language Pathologists - as they present a case study with a child identified as a gestalt language processor. Learn the basics of the Natural Language Acquisition framework and see how it was used as a beneficial addition to the developmental model in understanding and supporting the progression of this child's echolalic communication.

As a result of this presentation, participants will be able to:

- Summarize the history and research behind the Natural Language Acquisition framework.
- Describe the Stages of Natural Language Acquisition and suggested implementation strategies.
- Analyze how this framework could be incorporated within a developmental approach.

Telling My Stories: The Role of Autobiographical Memory

Including a Discussion with Dr. Westby on Theory of Mind and Autobiographical Memory

Carol Westby, PhD, CCC-SLP

Telling coherent personal narratives requires skills in addition to knowledge of narrative macrostructure and interpersonal Theory of Mind (ToM). The ability to tell coherent personal stories is dependent on the formation and retrieval of autobiographical memories (AM). To design appropriate therapeutic objectives to promote persons' ability to tell coherent personal narratives, interventionists need to understand the nature and role of AM. This session will describe: (a) the nature of AM, (b) AM characteristics of persons with different types of communication impairments, (c) assessment of AM, (d) effects of deficits in AMs on the personal narratives, self-regulation, and self-identity of persons with ASD, and (e) intervention strategies to facilitate AM and the abilities of persons with ASD to tell coherent personal narratives.

As a result of this presentation, participants will be able to:

- Describe the nature of autobiographical memory.
- Explain the relationships between theory of mind, autobiographical memory, and narrative skills.
- Evaluate children's AM and personal narratives.

Developmental Transitions and Affect Transformations to Symbolic Communication in Play and Language

Serena Wieder, PhD

Children first communicate intentions through vocal and gestural signals and transition to using symbols to communicate their ideas and feelings during play. Play tells us more than what they can yet say in verbal language and gives us a picture of their inner worlds, their body experience, and their emotions. In DIR® theory symbols emerge from six levels of affective signaling through infant/caregiver interactions that separate perceptions from actions, transform into images and are expressed in verbal symbols (language) that capture emotional experiences. During this session we will examine the parallel and interactive processes in the development of symbolic play and language, an uneven course for many children with special needs, as well as the hierarchy of emotions that get symbolized leading to symbolic abstract thought. We will look at disruptions related to scripting and emotional constrictions and their impact on the development of self.

As a result of this presentation, participants will be able to:

- Identify the parallel processes in the development of symbolic play and language.
- Explain how symbols are formed.
- Describe the hierarchy symbolizing emotions.

Something for Everyone: A Contemporary Assessment and Intervention Approach for Children with Challenges in Communication, Language & Speech

Sima Gerber, PhD, CCC-SLP and Michele Ricamato, MA CCC-SLP

Participants will be introduced to a contemporary developmental language paradigm (Gerber & Ricamato, 2023) which can be used to generate goals for children at various stages of language and communication development. Using an observational assessment/intervention checklist developed by the presenters (DOLLI, 2023), the advantages of a protocol that goes seamlessly from assessment to intervention will be considered. The overarching message of this presentation is that all therapeutic/educational interactions involve communication and language. Therefore, all professionals working with children with challenges in these areas can more successfully accomplish their goals by embracing facilitating strategies for language development. Parents will be given a framework from which they can better understand the nature of their children's challenges in language and communication. The value of addressing capacities other than expressive language will be discussed and illustrated.

As a result of this presentation, participants will be able to:

- Summarize the foundational capacities that underlie the ability to comprehend and produce language (Gerber & Ricamato, 2023).
- State the key components of a contemporary paradigm for the assessment and intervention of language capacities (Gerber & Ricamato, 2023).
- Differentiate priorities for language intervention that can be integrated into all educational and clinical interactions.

Creating a Meaningful Life: Pre-employment and Employment Supports for Neurodivergent Individuals

Cindy Harrison, MSc Reg CASLPO

This presentation will explore how speech language pathologists can support neurodivergent individuals to experience success in the workforce. The presentation will focus on the role of the SLP in preparing neurodivergent individuals to enter the workforce and to experience success in the workplace.

As a result of this presentation, participants will be able to:

- Identify 5 barriers to success for neurodivergent individuals in the workplace.
- Identify 5 attributes of neuroinclusive work environments.
- Identify 3 approaches to supporting a neurodiverse individual in the workplace.

Neither Comprehension nor Learning Can Take Place in an Atmosphere of Anxiety

Linda Cervenka, MA, CCC-SLP

Stress responses within an educational setting and at home create concern, worry, and feelings of failure for both staff and parents. These stress responses can result in a range of responses including but not limited to eloping/fleeing an environment, aggression towards self or others, property destruction, and verbal fight/flight. For children, learning "to behave" is a developmental process. A brief overview of how to think about stress responses in the moment prioritizing "what is the child communicating?" and "what does the child understand?". These two components of stress responses are rarely understood or supported. Preventative and proactive strategies will be discussed.

As a result of this presentation, participants will be able to:

- List 3 supports and strategies learned through broadening their understanding of the importance of language comprehension in supporting regulation.
- Describe 3 conventional or unconventional intents to recognize as intentional communication to facilitating regulation during times of stress.
- Compile a consistent plan of proactive and in the moment comprehension and communication supports to utilize to facilitate regulation, decrease periods of stress and facilitate the child's ability to predict and understand adult response.

Language All Day, Everyday: Using Augmentative Alternative Communication to Keep the Conversation Going. Is It Possible?

Lauren Blaszak and Michelle Attardi, MA, CCC-SLP

This breakout session will discuss the barriers of augmentative and alternative communication (AAC) to become a competent language user. Intrinsic and extrinsic factors will be discussed that need to be considered to improve functional communication and improve shared meaning. Discussion will extend to fostering child agency by responding to multimodal communication that is used and supporting child-led initiations of topics. Video examples will be used for: teaching the power of AAC for early communication: integrating AAC use within natural contexts to promote a mutual connection among people and foster social closeness; training staff and parents directly and by overt use throughout the school day.

As a result of this presentation, participants will be able to:

- State the challenges that get in the way of successful augmentative and alternative communication (AAC) use (Intrinsic and Extrinsic Elements).
- Observe ways to support the generalization of augmentative and alternative communication (AAC) use outside the therapy room.
- State the functions of language that lead to robust language use.

Essentially Families

Ruby Salazar, LCSW, BCD

This workshop will provide important theoretical and pragmatic information and facilitate in-depth discussion about the importance of multi-disciplined professionals working with families and/or holding them in mind when doing developmental-relational work such as DIR®.

What supports good human functioning is family balance and health through the integration of developmental elements over time. Safe relational environments provide resources and foundation for varied ecological opportunities and challenges of living and growing across the lifespan.

Techniques to engage in ongoing and meaningful partnerships with parents will be reviewed. Thus, we will go beyond “coaching.” Using multiple case vignettes, working in person and virtually to facilitate parent-child and sibling cohesiveness, family health, team development and strength in a meaningful community life will be deepened.

As a result of this presentation, participants will be able to:

- Describe a minimum of five reasons why working with families is preferred over just coaching parents or not significantly holding the family in mind.
- Describe theoretical and pragmatic reasons why working with parents, siblings and family is imperative to successful long-range outcomes for a child with special needs.
- List hands-on techniques, meaningful across professional disciplines, for working with families.

How Has the DIR® Model Influenced My Practice as a Speech and Language Pathologist?*

Coordinated by Michele Ricamato, MA, CCC-SLP with Group Facilitators: Lynn Abelson, MA, CCC-SLP; Marilee Burgeson, MA, CCC-SLP; Mari Caufield, LCST, SLP, MIAASLT, MRCSLT; Linda Cervenka, MA, CCC-SLP; Tyler Choate, MA, CCC-SLP; Socorro Cornejo, SLP; Nora Dangiola, PhD, SLP; Caroline Ferguson-Walsh, MSLP(C) CCC-SLP; Cortney Grove, MA, CCC-SLP I/ECMH-C; Liesl Hartmann, MA CCC/SLP, BCS-CL; Chithra Kathiresan, MS, SLP; Jehan Shehata-Aboubakr, BA, CCC-SLP; Yuta Weiss, MS, CCC-SLP

Speech and Language Pathologists come from varied backgrounds, education and training. In this breakout presentation, participants will be exposed to experienced practitioners who have trained in the DIR® model as they share their personal experiences and journeys. Participants will be involved in an open discussion about how DIR® can positively impact their work in the diverse field of Speech and Language.

As a result of this presentation, participants will be able to:

- Describe the impact that the DIR® model can have on the practitioner working in the field of speech and language.
- Describe how the holistic understanding of development and the whole child, adolescent or adult can enhance the work of the speech and language pathologist.
- Discuss how their own journey as a speech and language pathologist has been or can be positively influenced by the DIR® model.

**Mental Health continuing education credits are not offered for this presentation.*

How to integrate Information from the Speech Language Pathologist into My Work as an Occupational Therapist, Mental Health Practitioner, or Educator

Coordinated by Jennifer Hein, OTR/L with Group Facilitators: Rebecca Berg, MS, OTR/L, IMH-E, Breindy Ganzvi; Jeannie Gutierrez, PhD; Faigy Halpern, OT; Michele Havens, EdD, BCBA; Maureen Karwowski, OTR/L, Beth Osten, PhD, OTR/L; Yana Peleg, PhD; Susan Rindner; Diane Selinger, PhD; Susan Smith-Foley, OTD, MPA, OTR/L

Speech Language Pathologists serve an important function when collaborating with professionals from all disciplines. In this breakout session, educators and clinicians will share their experiences and discuss how an understanding of each child's language challenges can help support their discipline's work. Participants will be invited to engage in an open dialogue and gain a deeper understanding of the interplay between speech-language therapy and intervention goals in educational and clinical settings.

As a result of this presentation, participants will be able to:

- Explain ways that a Speech Language Pathologist can support development across disciplines.
- Identify ways that a Speech Language Pathologist can contribute to professionals in other disciplines to understand a child's regulation/learning abilities.
- Identify ways that a Speech Language Pathologist can support professionals in other disciplines to create meaningful treatment activities through a richer understanding of the child's developmental language profile.

DIR®: A Parent's Perspective

Cindy Harrison, MSc Reg CASLPO

This workshop will be presented by an SLP and a parent and will discuss the critical importance of the parent in DIR® based treatment.

As a result of this presentation, participants will be able to:

- Cite the difference between parent mediated models of intervention and approaches that are not parent mediated.
- Identify 3 key components of working successfully with parents.
- Identify coaching supports to engaging parents and their children.

Voices Across The Disciplines: Takeaways And Future Goals Panel

Gilbert Foley, EdD, IMH-E®; Serena Wieder, PhD; Mary Ann O'Connell, MA, CCC-SLP;
Jennifer Hein, OTR/L

Based on the information presented, a small group of presenters who represent different disciplines (mental health, occupational therapy, speech-language therapy, education) will share specific takeaways from the conference. The panel will be asked to make recommendations for next steps in the areas of language and communication for their discipline's colleagues.

As a result of this presentation, participants will be able to:

- Describe major implications of information on language and communication for each discipline.
- Propose specific learning activities for practitioners in each discipline to enhance their knowledge of language facilitation strategies.
- Describe shifts in their thinking relative to parent-mediated intervention in their discipline.

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Psychology, Social Work, Mental Health Counseling and Marriage and Family Therapy

For learners that have signed up for continuing education credit, you are required to complete the following course requirements:

- Learners must attend the Conference Day "live" (in real-time) for the full scheduled time. Credit will only be awarded for learners who attend the entire day. There are no prerequisites for this Conference.
- You will receive an email 1-2 after the last Conference day you were registered for with instructions on obtaining your Certificate. Participants print their own certificate after registering at CE-Classes.com, entering a keycode, and completing an evaluation form. Certificates are awarded online after completion of the Conference.

CE-Classes.com is the provider of (CEs). This Intermediate level Conference is approved for 6 CE on April 7 and 5.5 CE* for April 14, 2024. *Continuing education credits are not offered for How Has the DIR® Model Influenced My Practice as a Speech and Language Pathologist? presentation on April 14.

Licensed Professionals should contact their regulatory board to determine course approval. There are no known conflicts of interests for this workshop.

- The American Psychological Association (APA) Ce-Classes.com is approved by the American Psychological Association to sponsor continuing education for psychologists. Ce-Classes.com maintains responsibility for this program and its content.
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CONTINUING EDUCATION

Occupational Therapy

For learners that have signed up for continuing education credit for Occupational Therapy (AOTA), you are required to complete the following course requirements:

- Learners must attend the conference day in real time for the full scheduled time. Credit will only be awarded for learners who attend the entire day.
- Complete post conference quiz with 80% or better score.
- Complete conference evaluation (per day)
- Submit learner identification information (AOTA)

If you have any questions or concerns regarding the process for AOTA CE credits, please contact Profectum Foundation 973-531-4376 or email emily.mohr@profectum.org. 267 Main St., Ste 2B, Chester, NJ 07930



Profectum Foundation is an AOTA Approved Provider of professional development. Course approval ID# 08907. This Distance Learning-Interactive is offered at .625 CEUs on April 7 and .55 CEUs on April 14, 2024. Intermediate level, OT Service Delivery/ Professional Issues / Foundational Knowledge. AOTA does not endorse specific course content, products, or clinical procedures.

Speech Language Therapy

April 7, 2024 is offered at .60 ASHA CEUS and April 14, 2024 is offered at .55 ASHA CEUS.

For learners that have signed up for continuing education credit for Speech Language Therapy (ASHA), you are required to complete the following course requirements:

- Attend the conference "live" (in real-time)
- Complete a post conference evaluation at the end of each day
- Complete an ASHA participant form

There are no prerequisites for this Conference.

ASHA Continuing Education credits co-sponsored by Easterseals DuPage & Fox Valley



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REFERENCES

- Brenna Griffen, Christine Holyfield, Elizabeth R. Lorah & Nicolette Caldwell (2023) Increasing linguistic and prelinguistic communication for social closeness during naturalistic AAC instruction with young children on the autism spectrum, *Augmentative and Alternative Communication*, DOI: 10.1080/07434618.2023.2283846
- Bridges, M. S., Curran, M., Neal, C., Piasta, S., Fleming, K., & Hogan, T. (2023). Adapting Curricula for Children With Language Comprehension Deficits. <https://doi.org/23814764000300140072>
- Brooks, David. (2023) *How To Know A Person*. Random House, New York.
- Cannon, J., O'Brien, A.M., Bungert, L., Sinha, P. (2021). Prediction in autism spectrum disorder: A systematic review of empirical evidence. *Autism Research*, 14(4), 604-630. doi: 10.1002/aur.2482
- Casenhiser, D. M., Shanker, S. G., & Stieben, J. (2011). Learning through interaction in children with autism: preliminary data from a social-communication-based intervention. *Autism*. Available at: <http://aut.sagepub.com/content/early/2011/09/20/1362361311422052>.
- Cheng, W. M., Smith, T. B., Butler, M., Taylor, T. M., & Clayton, D. (2022). Effects of parent-implemented interventions on outcomes of children with autism: A meta-analysis. *Journal of Autism and Developmental Disorders*, 1-17
- Choi, B., Wei, R., & Rowe, M. L. (2021). Show, give, and point gestures across infancy differentially predict language development. *Developmental Psychology*, 57(6), 851-862. <https://doi.org/10.1037/dev0001195>
- Cohn, E. G., McVilly, K. R., Harrison, M. J., & Stiegler, L. N. (2022). Repeating purposefully: Empowering educators with functional communication models of echolalia in Autism. *Autism & Developmental Language Impairments*, 7.
- Cohn, E. G., McVilly, K. R., & Harrison, M. J. (2023). Echolalia as defined by parent communication partners. *Autism & Developmental Language Impairments*, 8.
- Cohn, E. G., Harrison, M. J., & McVilly, K. R. (2023). 'Let me tell you, I see echolalia as being a part of my son's identity': Exploring echolalia as an expression of neurodiversity from a parental perspective. *Autism*, 0(0).
- Coutelle, R., Goltzene, M.A., Canton, M., Campiglia-Sabourin, M., Rabot, J., Bizet, É., Schoenberger, M., Berna, F., Danion, J.M. (2021). Episodic autobiographical memory in adults with autism spectrum disorder: An exploration with the Autobiographical Interview. *Frontiers in Psychiatry*. 2021:1(11):593855. doi: 10.3389/fpsy.2020.593855
- Daniolu, S., Pandis, N., & Znoj, H. (2022) *The Efficacy of Early Interventions for Children With Autism Spectrum Disorders: A Systematic Review and Meta-Analysis* <https://apps.asha.org/.../e0b6db36-756a-ed11-813f-005056834...>

REFERENCES

- Davies, J., Heasman, B., Livesey, A., Walker, A., Pellicano, E., & Remington, A. (2023). Access to employment: A comparison of autistic, neurodivergent and neurotypical adults' experiences of hiring processes in the United Kingdom. *Autism*, 27(6), 1746-1763. <https://doi.org/10.1177/13623613221145377>
- Delehanty, A. D., & Wetherby, A. M. (2021). Rate of communicative gestures and developmental outcomes in toddlers with and without autism spectrum disorder during a home observation. *American Journal of Speech-Language Pathology*, 30(2), 649-662. https://doi.org/10.1044/2020_AJSLP-19-00206
- Delehanty, A., & Wetherby, A. M. (2022). Coordinated social communication in toddlers with and without autism spectrum disorder during a home observation. *Autism & Developmental Language*
- Delehanty, A., & Wetherby, A. M. (2022). Coordinated social communication in toddlers with and without autism spectrum disorder during a home observation. *Autism & developmental language impairments*, 7, 23969415221121089. <https://doi.org/10.1177/23969415221121089>
- Dijkstra-de Neijs, L., Tisseur, C., Kluwen, L. A., van Berckelaer-Onnes, I. A., Swaab, H., & Ester, W. A. (2023). Effectivity of Play-Based Interventions in Children with Autism Spectrum Disorder and Their Parents: A Systematic Review. *Journal of Autism and Developmental Disorders*, 53(4), 1588–1617. <https://doi.org/10.1007/s10803-021-05357-2>
- Ezerins, M. E., Simon, L. S., Vogus, T. J., Gabriel, A. S., Calderwood, C., & Rosen, C. C. (2023). Autism and Employment: A Review of the "New Frontier" of Diversity Research. *Journal of Management*, 0(0). <https://doi.org/10.1177/01492063231193362>
- Filipova, S., Jovchevski, V., & Shoster, Darinka. (2023). The Role of Delayed Echolalia Produced by Children with Autism Spectrum Disorder. *International Journal of Research Publication and Reviews*. 4.
- Fleury, V. P., Whalon, K., Gilmore, C., Wang, X., & Marks, R. (2021). Building Comprehension Skills of Young Children With Autism One Storybook at a Time. <https://doi.org/23814764000300140072>
- Frith, C., & Frith, U. (2023). *What makes us social?* MIT Press.
- Gabriel, E.T., Oberger, R., Schmoeger, M. et al. Cognitive and affective Theory of Mind in adolescence: developmental aspects and associated neuropsychological variables. *Psychological Research* 85, 533–553 (2021). <https://doi.org/10.1007/s00426-019-01263-6>
- Gazestani, E., Bacon, E., et al. (2019). Evaluation of the diagnostic stability of the early autism spectrum disorder Phenotype in the general population starting at 12 months. *JAMA Pediatrics*. <https://doi.org/10.1001/jamapediatrics.2019.0624>.
- Gengoux, G. W., Schapp, S., Burton, S., Ardel, C. M., Libove, R. A., Baldi, G., Berquist, K. L., Phillips, J. M., & Hardan, A. Y. (2019). Effects of a parent-implemented Developmental Reciprocity Treatment Program for children with autism spectrum disorder. *Autism : The International Journal of Research and Practice*, 23(3), 713–725. <https://doi.org/10.1177/1362361318775538>
- Gerber, S. (2021). Developmental-Pragmatic Approaches/Strategies. In: Volkmar, F.R. (eds) *Encyclopedia of Autism Spectrum Disorders*. Springer, Cham. https://doi.org/10.1007/978-3-319-91280-6_490.

REFERENCES

- Agron, A.M., Martin, A., Gilmore, A.W. (2023). Scene construction and autobiographical memory retrieval in autism spectrum disorder. *Autism Research*, doi: 10.1002/aur.3066
- Althoff, Colleen E., et al. "Parent-mediated interventions for children with autism spectrum disorder: A systematic review." *The American Journal of Occupational Therapy* 73.3 (2019): 7303205010p1-7303205010p13.
- Althoff, C. E., Dammann, C. P., Hope, S. J., & Ausderau, K. K. (2019). Parent-mediated interventions for children with autism spectrum disorder: A systematic review. *The American Journal of Occupational Therapy*, 73(3), 7303205010p1-7303205010p13.
- American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders (5th ed.)*. Arlington, VA: American Psychiatric Publishing.
- Andrews, E. A., Powell, R. M., & Ayres, K. (2022). The evolution of disability language: Choosing terms to describe disability. *Disability and Health Journal*, 15 (3), 101328-101340.
- Anger, M., Wantzenn, P., Le Vaillant, et al. (2019). Positive effect of visual cuing in episodic memory and episodic future thinking in adolescents with autism spectrum disorder. *Frontiers in Psychology*, 10:1513. doi: 10.3389/fpsyg.2019.01513
- Beaudoin, C., Leblanc, E., Gagner, C., Beauchamp, M.H. (2020). Systematic review and inventory of theory of mind measures for young children. *Frontiers in Psychology*, 0:2905. doi: 10.3389/fpsyg.2019.02905
- Binns, A. V., & Oram Cardy, J. (2019). Developmental social pragmatic interventions for preschoolers with autism spectrum disorder: A systematic review. *Autism & Developmental Language Impairments*, 4, 2396941518824497.
- Blanc, M., Blackwell, A., Elias, P. (2023) Using the Natural Language Acquisition Protocol to Support Gestalt Language Development. *Perspectives of the ASHA Special Interest Groups*, https://doi.org/10.1044/2023_PERSP-23-00098.
- Boshoff, K., Bowen, H., Paton, H., Cameron-Smith, S., Graetz, S., Young, A., & Lane, K. (2020). Child Development Outcomes of DIR/Floortime TM-based Programs: A Systematic Review. *Canadian Journal of Occupational Therapy*, 87(2), 153-164.
- Bradshaw, J., McCracken, C., Pileggi, M., Brane, N., Delehanty, A., Day, T., Federico, A., Klaiman, C., Saulnier, C., Klin, A., & Wetherby, A. (2021). Early social communication development in infants with autism spectrum disorder. *Child development*, 92(6), 2224–2234. <https://doi.org/10.1111/cdev.13683>
- Braddock, B. A., Pickett, C., Ezzelgot, J., Sheth, S., Korte-Stroff, E., Loncke, F., & Bock, L. (2015). Potential communicative acts in children with autism spectrum disorders. *Developmental Neurorehabilitation*, 18(4), 260–271.

REFERENCES

- Goldin-Meadow, S., & Alibali, M. W. (2013). Gesture's role in speaking, learning, and creating language. *Annual Review of Psychology*, 64(1), 257-283. <https://doi.org/10.1146/annurev-psych-113011-143802>
- Green, J., Charman, T., McConahe, H., Aldred, C., et al. (2010). Parent mediated communication focused treatment in children with Autism Spectrum Disorder. *Lancet*, 375, 2152e2160. Greenspan, S., & Wieder, S. (1997). *The child with special needs*. A Merloid Lawrence Book, Lifelong Books. Da Capo Press.
- Hanno, E., & Surrain, S. (2019). The direct and indirect relations between self-regulation and language development among monolinguals and dual language learners. *Clinical Child and Family Psychology Review*, 22,75-89.
- Ho, M. H., & Lin, L. Y. (2020). Efficacy of parent-training programs for preschool children with autism spectrum disorder: A randomized controlled trial. *Research in Autism Spectrum Disorders*, 71, 101495.
- Hobson, P. (2010). Explaining autism: Ten reasons to focus on the developing self. *Autism*, 14(5), 391e407.
- Hutchins, T (2022). Supporting social learning in autism: An autobiographical memory program to promote communication & connection. Brookes.
- Jiang, H., & Logan, J. (2019). Improving Reading Comprehension in the Primary Grades: Mediated Effects of a Language-Focused Classroom Intervention. <https://doi.org/23814764000300140072>
- Landa, R.J., Holman, K.C., O'Neill, A.H., Stuart, E.A. (2011) Intervention targeting development of socially synchronous engagement in toddlers with autism spectrum disorder: a randomized controlled trial. *Journal of Child Psychology and Psychiatry*. 52:1, pp 13-21.
- La Valle, C., Chenausky, K., & Tager-Flusberg, H. (2021). How do minimally verbal children and adolescents with autism spectrum disorder use communicative gestures to complement their spoken language abilities?. *Autism & developmental language impairments*, 6, 23969415211035065. <https://doi.org/10.1177/23969415211035065>
- Light, J., & McNaughton, D. (2014). Communicative competence for individuals who require augmentative and alternative communication: A new definition for a new era of communication?. *Augmentative and Alternative Communication*, 30, 1- 18. doi:10.3109/07434618.2014.885080
- Manwaring, S. S., Stevens, A. L., Mowdood, A., & Lackey, M. (2018). A scoping review of deictic gesture use in toddlers with or at-risk for autism spectrum disorder. *Autism & Developmental Language Impairments*, 3,239694151775189. <https://doi.org/10.1177/2396941517751891>
- McDonnell, C.G., Speidel, R., Lawson, M., Valentino, K. (2021). Reminiscing and autobiographical memory in ASD: Mother-child conversations about emotional events and how preschool-aged children recall the past. *Journal of Autism and Developmental Disorders*, 51(9), 3085–3097. doi: 10.1007/s10803-020-04770-3
- McGregor, K. (2020). Failing to Identify Children with Language Disorders. Volume 32, Issue 3. *How We Fail Children with Developmental Language Disorders*. *Language, Speech and Hearing Services in Schools*, 51, 981-982.

REFERENCES

- Meadan, H., Halle, J. W., & Kelly, S. M. (2012). Intentional communication of young children with autism spectrum disorder: Judgments of different communication partners. *Journal of Developmental and Physical Disabilities*, 24(5), 437-450. <https://doi.org/10.1007/s10882-012-9281-5>
- Mishra, A., Ceballos, V., Himmelwright, K., McCabe, S., & Scott, L. (2020). Gesture production in toddlers with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 51(5), 1658-1667. <https://doi.org/10.1007/s10803-020-04647-5>
- National Autism Center. (2009). May Institute National Standards Project. May Institute. Nationalautismcenter.org.
- National Scientific Council on the Developing Child (2023) Place Matters: The Environment WeCreate Shapes the Foundations of Healthy Development: Working Paper No. 16. Retrieved from www.developingchild.harvard.edu
- Noels, K. A., Yashima, T., & Zhang, R. (2020). Language, identity and intercultural Communication. In J. Jackson (ed.), *The Routledge handbook of language and intercultural communication* (2nd ed., pp.- 36-51). Routledge.
- Oono, I. P., Honey, E. J., & McConachie, H. (2013). Parent-mediated early intervention for your children with autism spectrum disorders(ASD). *Cochrane Database of Systematic Reviews*, (4), CD009774. <https://doi.org/10.1002/14651858.CD009774.pub>.
- Ornaghi, V., Conte, E. and Grazzani, I. (2020). Empathy in Toddlers: The Role of Emotion Regulation, Language Ability, and Maternal Emotion Socialization Style. *Frontiers in psychology* 11, 586862.
- Özçalışkan, Ş., Adamson, L. B., Dimitrova, N., & Baumann, S. (2017). Early gesture provides a helping hand to spoken vocabulary development for children with autism, down syndrome, and typical development. *Journal of Cognition and Development*, 18(3), 325-337. <https://doi.org/10.1080/15248372.2017.1329735>
- Ozonoff, S., Iosif, A. M., Baguio, F., et al. (2010). A prospective study of the emergence of early behavioral signs of autism. *Journal of the American Academy of Child & Adolescent Psychiatry*, 49(3), 256e266.
- Ozonoff, S., Young, G., Steinfeld, M. B., et al. (2009). How early do parent concerns predict later autism diagnosis. *Journal of Developmental and Behavioral Pediatrics*, 30, 367e375.
- Pacheco, P. M., Pacheco, M. D. S., & Molini-Avejónas, D. R. (2023). Interfaces between Biological Theory of Human Development and DIR/Floortime in the understanding and treatment of autism. *European Psychiatry*, 66(S1), S741–S742. <https://doi.org/10.1192/j.eurpsy.2023.1558>
- Pak, N., Chow, J., Dillehall, K. & Kaiser, A. (2023). Long-Term Effects of Early Communication Interventions: A Systematic Review and Meta-Analysis | *Journal of Speech, Language, and Hearing Research* https://pubs.asha.org/.../2023_JSLHR-22-00...

REFERENCES

- Pauline Prinsloo, Shakila Dada, Kirsty Bastable, Parimala Raghavendra & Mats Granlund (2023) The application of the family of participation-related constructs (fPRC) framework to AAC intervention outcomes in children with complex communication needs: a scoping review, *Augmentative and Alternative Communication*, DOI: 10.1080/07434618.2023.2276701
- Peters-Scheffer, N., Didden, R., Korzilius, H., & Verhoeven, L. (2018). Understanding of intentions in children with autism spectrum disorder and intellectual disability. *Advances in Neurodevelopmental Disorders*, 2(1), 3-15. <https://doi.org/10.1007/s41252-017-0052-2>
- Pickles, A., Le Couteur, A., Leadbitter, K., Salomone, E., Cole-Fletcher, R., et al. (2016). Parent- mediated social communication therapy for young children with autism (PACT): Long-term follow-up of a randomized controlled trial. *The Lancet*, 10.1016/S0140-6736(16)31229-6.
- Poll, G., Drexler, S., Huntington, A., Galindo M., and Galack, A. (2023) Comprehension Assessments of Theory of Mind Abilities for School-Age Children: A Systematic Review.: *American Journal of Speech-Language Pathology* 32, 2374-2391.
- Praphatthanakunwong, N., Kiatrungrit, K., Hongsanguansri, S., & Nopmaneejumruslers, K. (2018). Factors associated with parent engagement in DIR/Floortime for treatment of children with autism spectrum disorder. *General psychiatry*, 31(2), e000009. <https://doi.org/10.1136/gpsych-2018-000009>
- Robbins, M. (2018). *Consciousness, language and self*. Routledge.
- Schertz, H. H., Liu, X., Odom, S. L., & Baggett, K. M. (2022). Parents' application of mediated learning principles as predictors of toddler social initiations. *Autism*, 26(6), 1536-1549.
- Seray Ibrahim, Michael Clarke, Asimina Vasalou & Jeff Bezemer (2023) Common ground in AAC: how children who use AAC and teaching staff shape interaction in the multimodal classroom, *Augmentative and Alternative Communication*, DOI: 10.1080/07434618.2023.2283853
- Shultz, S., & Hudac, C. (2011). Research review: Constraining heterogeneity: The social brain and its development in autism spectrum disorder. *Journal of Child Psychology and Psychiatry*, 52(6), 631e644.
- Sindelar, M. T., & Furland, N. (2017). Outcomes in a group of 7–8-year-old children in a developmental-based intervention in autism spectrum disorder. *European Psychiatry*, 41(S1), S304-S304. <https://doi.org/10.1016/j.eurpsy.2017.02.192>
- Smith, M., Cameron, L., & Ferguson, H. J. (2023). Scene construction ability in neurotypical and autistic adults. *Autism*, 0(0). <https://doi.org/10.1177/13623613231216052>
- Stallings-Sahler, S. A., & Foley, G. M. (with Anzalone, M. E.). (2022). Linking mental Sensory integration and mental health: Nurturing self-regulation in infants and young children. *ZERO TO THREE*.
- Stern, Y. S., Lee, J., Levy, R., Glickman, A., Grauzer, J., Kaat, A. J., & Roberts, M. Y. (2023). A Comparison of Maternal and Clinician Perception of Communication in Autistic Toddlers. *Journal of Speech, Language, and Hearing Research*, 1-15.

REFERENCES

- Stiegler, Lillian N. (2015). Examining the Echolalia Literature: Where Do Speech-Language Pathologists Stand? *American Journal of Speech-Language Pathology*, 24, 750-762.
- Tomasello, M., & Rieber, T. (2010). In Rieber T. (Ed.), *Origins of human communication*. MIT Press. <https://doi.org/10.7551/mitpress/7551.001.0001>
- Tomczak, Michał T., Joanna Maria Szulc, and Małgorzata Szczerska. "Inclusive communication model supporting the employment cycle of individuals with autism spectrum disorders." *International journal of environmental research and public health* 18.9 (2021): 4696.
- Trembath, D., Varcin, K., Waddington, H., Sulek, R., Bent, C., Ashburner, J., ... & Whitehouse, A. (2023). Non-pharmacological interventions for autistic children: An umbrella review. *Autism*, 27(2), 275-295.
- van den Bedem, N. P., Dockrell, J. E., van Alphen, P. M., & Rieffe, C. (2020). Emotional Competence Mediates the Relationship between Communication Problems and Reactive Externalizing Problems in Children with and without Developmental Language Disorder: A Longitudinal Study. *International Journal of Environmental Research and Public Health*, 17(16), 6008. <https://doi.org/10.3390/ijerph17166008>
- Vermeulen, P. (2023). *Autism and the predictive brain*. Routledge.
- Watson, L. R., Crais, E. R., Baranek, G. T., Dykstra, J. R., & Wilson, K. P. (2013). Communicative gesture use in infants with and without autism: A retrospective home video study. *American Journal of Speech-Language Pathology*, 22(1), 25-39. [https://doi.org/10.1044/1058-0360\(2012/11-0145\)](https://doi.org/10.1044/1058-0360(2012/11-0145))
- Wantzen, P., Boursette, A., Zante, E., Mioche, J., Eustache, F., Guénolé, F., Baleyte, J.M., Guillery-Girard, B. (2012) Autobiographical Memory and Social Identity in Autism: Preliminary Results of Social Positioning and Cognitive Intervention. *Front Psychol.* 2021;17;12:641765. doi: 10.3389/fpsyg.2021.641765.
- Wetherby, A. M., Guthrie, W., Woods, J., Schatschneider, C., Holland, R. D., Morgan, L., & Lord, C. (2014). Parent-implemented social intervention for toddlers with autism: An RCT. *Pediatrics*, 134(6), 1084–1093.