2021 Annual World Congress

The Content Areas: Increasing STEM Access for Students with SLD

The focus of the conference is providing researchers and practitioners the latest research and tools for helping students with specific learning disabilities (SLD) excel in the STEM fields. We know STEM fields include many hands-on career opportunities aside from the college pathway.

Online conference due to global pandemic

One Conference Two Time Zones
September 3-4, 2021
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Dr. Teresa Citro, CEO
PROGRAM AGENDA

FRIDAY SEPTEMBER 3
SATURDAY SEPTEMBER 4

ONE CONFERENCE – TWO TIMES ZONES

CST: THE FIRST IS CENTRAL TIME ZONE FOR THOSE PARTICIPATING IN THE AMERICAS AND IS -5:00 GMT.

CET: THE SECOND IS THE TIME ZONE FOR BERLIN, GERMANY, AND THOSE PARTICIPATING IN EUROPE AND THE MIDDLE EAST. THIS IS +2:00 GMT.

FRIDAY AND SATURDAY START TIME
07:00 CST / 14:00 CET

FRIDAY AND SATURDAY END TIME
11:00 CST / 17:00 CET

2022: San Antonio TX
Reading and Math: Advancing Academic Outcomes
September 1st and 2nd
All submissions must be submitted by July 1 for peer review
All registrations should be paid in full by August 15
Welcome to the online program.
We have devised a schedule that allows for the presenters time to call up their own presentations. In addition, the time has been set aside for the transfer of the screen. During these times, please feel free to take a break, grab some coffee or food, and set up your notes for the next speaker.

ARGUE WITH ME! THE CENTRALITY OF WRITING IN A STEM CURRICULUM
DR. KRISTIE ASARO AND DR. BRUCE SADDLER

Dr. Kristie Asaro-Saddler is an Associate Professor in the Divisions of Special Education and Educational Psychology and Methodology at Albany. Before joining the University at Albany faculty, she was a special education teacher for children with Autism Spectrum Disorders (ASD) and developmental disabilities in self-contained classrooms. Her research interests include writing and self-regulatory strategies, specifically for students with ASD. To support her research she has won grants from the Organization for Autism Research and the Office of Planning, Evaluation & Policy Development (OPEPD) at the U.S. Department of Education. She has published in special education journals, including the Journal of Special Education and Exceptional Children. In addition, she has presented at national and international conferences in the area of writing and autism. She is the co-editor of Exceptional Individuals, the journal for New York State’s Council for Exceptional Children, and is on the editorial board of Reading and Writing.

Dr. Bruce Saddler is an Associate Professor in the Division of Special Education in the School of Education at the University at Albany. A military veteran and a former elementary and middle school Special Education teacher and teacher of the year, he has taught courses in inclusion, reading, writing, and Learning Disabilities at the masters and doctoral levels. His current primary research interests center on writing disabilities.
### PRESENTATIONS: DAY ONE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter(s)</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:05-8:25 CST</td>
<td>KATHRIN MAHLAU, LENA STIPPL</td>
<td>Can developmental measurements enhance speech therapy? A multiple baseline study with three preschool children.</td>
</tr>
<tr>
<td>8:30-8:50 CST</td>
<td>ALIDA HUDSON, KAROL ANN MOORE, BING HAN</td>
<td>Computer-assisted word problem-solving instruction for student struggling in Mathematics</td>
</tr>
<tr>
<td>9:00-9:20 CST</td>
<td>JANINA KAHN-HORWITZ, MARLENE SABAN, ESTHER EMMA VAISMAN</td>
<td>English foreign language teacher's foundation-level knowledge of literacy constructs: Perspectives from Israel</td>
</tr>
<tr>
<td>9:30-9:50 CST</td>
<td>HAN SUK BAE, RM JOSHI, LI YIN</td>
<td>Knowledge about basic language constructs among teachers of English as a Foreign Language in China and South Korea</td>
</tr>
<tr>
<td>10:00-10:30 CST</td>
<td>JANINA KAHN-HORWITZ</td>
<td>Teacher Knowledge from an International Perspective</td>
</tr>
<tr>
<td>10:10-10:30 CST</td>
<td>BIRGIT HEIKE SPOHN</td>
<td>&quot;Math was fun!&quot; The use of math and motion in special classes for children with learning disabilities.</td>
</tr>
<tr>
<td>10:30-10:50 CST</td>
<td>SOO JUNG KIM</td>
<td>Computer-assisted word problem-solving instruction for student struggling in Mathematics</td>
</tr>
<tr>
<td>10:50-11:00</td>
<td>VIDEO PRESENTATION OF POSTERS</td>
<td>Posters will play as a video for 20 minutes at the end of Day One for those who would like to stay on the call and watch.</td>
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<tr>
<td>Time</td>
<td>Speaker(s)</td>
<td>Title</td>
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<tr>
<td>7:00-7:20 CST</td>
<td>MICHELLE S. MALOW, VANCE AUSTIN</td>
<td>An examination of preservice and novice teacher's skill sets by hiring administrators</td>
</tr>
<tr>
<td>7:20-7:40 CST</td>
<td>MARIA C CANTO</td>
<td>Influence of the open method based on numbers on difficulties in mathematical competence and processing of numerical magnitudes in early Mathematics</td>
</tr>
<tr>
<td>7:40-8:00 CST</td>
<td>KRISTI L SANTI</td>
<td>Preparing leaders in special education</td>
</tr>
<tr>
<td>8:00-8:20 CST</td>
<td>ANNE BARWASSER, MATTHIAS GRÜNKE</td>
<td>Reading-Racetracks and self graphing on reading and behavior of struggling readers with EBD and LD</td>
</tr>
<tr>
<td>8:25-8:45 CST</td>
<td>THOMAS RUX, RICHARD BOON</td>
<td>Improving STEM education for ELs with LD through UDL</td>
</tr>
<tr>
<td>8:50-9:10 CST</td>
<td>ANN MARIE LEONARD-ZABEL</td>
<td>How TBI impacts pediatric STEM Learning and memory</td>
</tr>
<tr>
<td>9:15-9:35 CST</td>
<td>MARK TAYLOR</td>
<td>Online learning for students with disabilities during COVD-19 lockdown</td>
</tr>
<tr>
<td>9:40-9:55 CST</td>
<td>ALEXANDRA N ALVAREZ</td>
<td>Filling the gap: Assessing academic proficiency of students with disabilities</td>
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<tr>
<td>10:00-10:20 CST</td>
<td>IOANNA K TSIROTAKIS, MATTHIAS GRÜNKE</td>
<td>The effects of a cognitive apprenticeship model on EFL learners writing texts</td>
</tr>
<tr>
<td>10:20-10:40 CST</td>
<td>MATTHIAS GRÜNKE, CARSTEN KLÖPFER</td>
<td>A qualitative study of a former professional baseball player with learning disabilities</td>
</tr>
<tr>
<td>10:40-11:00 CST</td>
<td>CHARLES B HUTCHISON</td>
<td>Situation-Based Disability: Disability by Induction—COVID-19 Context</td>
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<tr>
<td>11:00 CST</td>
<td>CLOSING REMARKS</td>
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