**Fostering Social Connections Among Adolescents With Autism: Lessons From a Mixed-Methods Project**

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**Abstract**

We present findings from a multi-state project focused on implementing peer network interventions to foster social competence and connections for youth with autism spectrum disorder (ASD). Lessons learned through 16 focus groups, 33 interviews, 2 single-subject interventions, and observations will be shared, along with considerations for delivering interventions in high schools.

**Method**

**Focus Groups and Individual Interviews**

- Discussed social competence; revised and refined components from feedback

<table>
<thead>
<tr>
<th>Location</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanderbilt</td>
<td>Nine focus groups (including 61 stakeholders) including: educators and administrators; parents of high school students with ASD; community representatives and providers.</td>
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<tr>
<td>University of North Carolina at Chapel Hill</td>
<td>Seven focus groups (including 41 stakeholders) including: educators, administrators, and other school personnel; parents of children with ASD; high school students and young adults with ASD (ASD).</td>
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**Pilot Studies: Implementation of Peer Networks Across Sites**

<table>
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<tr>
<th>Location</th>
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<tbody>
<tr>
<td>Vanderbilt</td>
<td>6 male high school students with ASD (ages 14-18): - 2 African-American, 2 European-American, 2 Hispanic - 5 with intellectual disability and autism; 1 with medical diagnosis of Asperger’s 4 adult facilitators (1 special educator, 3 paraprofessionals) Each group had 1-4 peers partners (students without developmental disabilities) and 1 student with ASD Three diverse metropolitan high schools serving 675 to 1,980 students.73 to 90% of students were Black, 23 to 24% of students were Hispanic Four networks met during a 30-min lunch period once per week; two networks met during a 30-min advisory period 1-2 times per week</td>
</tr>
<tr>
<td>University of North Carolina at Chapel Hill</td>
<td>3 male high school students with ASD (ages 15-16): - All European-American 2 adult facilitators (research team members), 1 general education teacher consultant Each group had 3-4 peer partners (students without developmental disabilities) and 1-2 students with ASD One rural-fringe high school serving approximately 1,000 students. 28% of students were eligible for free or reduced-price meals. 29 to 68% of students were Black, 23 to 24% of students were White, 6 to 39% of students were Hispanic Two networks total; each network met once per week during a 30-min lunch period</td>
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**Focus Group Results**

**Stakeholder Perspectives on Relationships**

- Students with ASD struggled to develop friendships  
- "If [you] ask him who his friend is, he'll say someone in class but he doesn't do anything with people alone." (Parent)

**Stakeholder Recommended Strategies for Promoting Social Skills and Connections**

- Acceptance from others  
- Communication and social skills  
- Internal processes (e.g., accepting criticism, empathy, perspective taking, forgiveness)  
- Self-determination and confidence  
- Capacity to learn from peers  
- Valuing social skills and interactions  
- Relationships (with a broad range of individuals) and friendship

**Summary**

- Students with ASD need targeted social supports  
- Peer networks are one relatively easy way to address social-related support needs of adolescents with ASD  
- Students with and without ASD benefit socially from peer networks  
- Peer networks substantially increase social participation and connectedness

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**Thank you!**

This study would not have been possible without the support of: Karen Gardner, Teagan Mullins, Julie Hochman, Hannah Fan, Michelle Harvey, and the CSES team at UNC Chapel Hill.

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**Introduction**

**Adolescent Peer Relationships**

<table>
<thead>
<tr>
<th>Frequently sees friends</th>
<th>Outside of school:</th>
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</thead>
<tbody>
<tr>
<td>Intellectual Disability</td>
<td>Multiple Disabilities</td>
</tr>
<tr>
<td>Neve r rarely receives phone calls from friends:</td>
<td></td>
</tr>
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<td>Intellectual Disability</td>
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</tbody>
</table>

**Peer Networks**

A peer network is a group of students established around a student with a disability that: (a) meets weekly to participate in an activity and discuss interactions; (b) helps the student become more involved in school life; and (c) receives regular feedback/guidance from an adult facilitator.

**Peer Network Goals**

Provide intentional opportunities for students with disabilities to socialize and interact with peers; foster lasting relationships; increase school participation; provide peers with opportunities to get to know a student with a disability.

**Basic Steps for Implementation**

1. Identify interested students with a disability and network facilitator  
2. Invite 2-6 peers to join the group (peer partners)  
3. Hold an initial orientation meeting  
4. Facilitate regular peer network meetings  
   - Arrange a shared activity  
   - Check in on weekly social contacts  
   - Encourage expansion of the network  
5. Provide feedback and support  
6. Fade adult support and maintain the network

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**Participant Feedback**

**Students with ASD**

- "Enjoys to meet every Friday and talk about new things."

**Peer Partners**

- "These are skills you can take with you to college." (coming out of your comfort zone, learning to work with people who are different than you)  
- "It helped not only the students we were working with but helped us grow as people."  
- "[My son] likes to have someone to eat lunch with on peer support group days – he talks about this."  
- Peer partners noticed other students being nicer to students with ASD

**Parents of Children with ASD**

- "I think the more [my son] interacts with positive peers, the more comfortable he becomes with all interactions."  
- "[My son] likes to have someone to eat lunch with on peer support group days – he talks about this."  
- "Makes me realize that programs like this need to be initiated in freshmen, sophomore classes."

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