

Adolescents with Autism in Secondary School Programs

Samuel L. Odom, Bonnie Kraemer, Brianne Tomaszewski
and Julie Taylor

The research reported here was supported by the Institute of Education Sciences, U.S. Department of Education through Grant R324C120006 awarded to UNC-Chapel Hill. The opinions expressed represent those of the authors and do not represent views of the Institute or the U.S. Department of Education.



CSESA

The Center on Secondary Education for
Students with Autism Spectrum Disorders

A Comprehensive Approach to Supporting Students With ASD in High School

Kara Hume

University of North Carolina
at Chapel Hill

Kara.hume@unc.edu

Beginning with Acknowledgements and Thanks You

- **CSESA**

- Kara Hume*
- Leann Smith-Dawalt*
- Laura Hall*
- Bonnie Kraemer*
- Jessica Steinbrenner
- Ann Cox
- Chris Brum
- Shayla Green
- Kate Szidon
- Victoria Waters
- Erik Carter
- Dianne Browder
- David Test
- Kathy Fallen
- Janine Stichter
- Colleen Reutebuch
- Sharon Vaughn

- **Postdoctoral Fellows and Doctoral Students**

- Melissa Savage
- Kristin Morin
- Brianne Tomaszewski
- Susan Hedges
- Tara Regan
- Sara McDaniel
- Beth Pavez

**Children and Youth with Autism and Their Families
who have participated in our studies**

**Supported by Institute of Education
Sciences, U.S. Department of Education
through Grant R324C120006.**

About CSESA

- Research & Development Center
- Funded by the Department of Education (IES)
- Purpose: To develop and study a comprehensive high school program for students on the autism spectrum



The Goal of CSESA

To improve post-secondary outcomes for students by using high quality professional development and evidence-based interventions to support practitioners, families, and students



FOR YOUR SUBJECTS
WHEN THEY GRADUATE:

- 1) SOMETHING TO DO
- 2) SOMEWHERE TO BE
- 3) SOMEONE TO LOVE.

GOOD LUCK!!

Original CSESA Collaborators



VANDERBILT
KENNEDY CENTER
for Research on Human Development



SAN DIEGO STATE
UNIVERSITY



UNCCHARLOTTE



UNC
FRANK PORTER GRAHAM
CHILD DEVELOPMENT INSTITUTE

UCDAVIS
MIND INSTITUTE

THE UNIVERSITY OF
TEXAS
AT AUSTIN

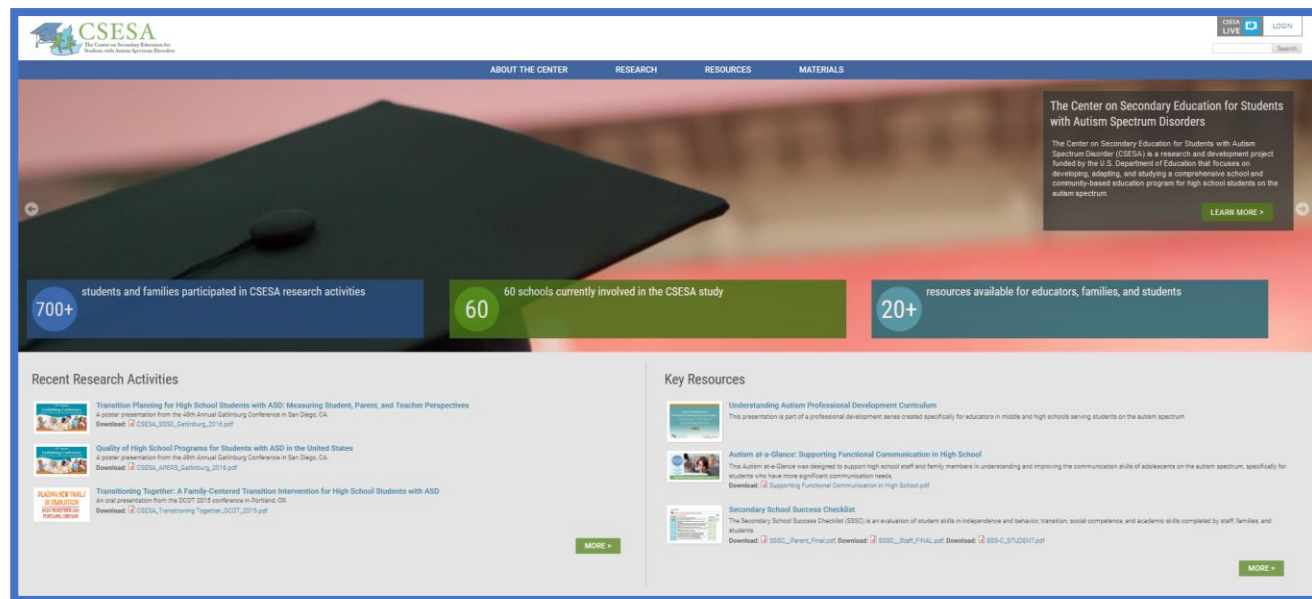


WAISMAN CENTER
UNIVERSITY OF WISCONSIN-MADISON
University Center for Excellence in Developmental Disabilities



Find CSESA

<http://csesa.fpg.unc.edu/>



The screenshot shows the CSESA website homepage. At the top is the CSESA logo and navigation links: ABOUT THE CENTER, RESEARCH, RESOURCES, MATERIALS. A large banner features a graduation cap and text: "The Center on Secondary Education for Students with Autism Spectrum Disorders". Below the banner are three statistics: "700+ students and families participated in CSESA research activities", "60 schools currently involved in the CSESA study", and "20+ resources available for educators, families, and students". The main content area is divided into "Recent Research Activities" and "Key Resources".

Recent Research Activities

- Transition Planning for High School Students with ASD: Measuring Student, Parent, and Teacher Perspectives
A poster presentation from the 48th Annual Galatburg Conference in San Diego, CA.
Download: [CSESA_333C_Galatburg_2016.pdf](#)
- Quality of High School Programs for Students with ASD in the United States
A poster presentation from the 48th Annual Galatburg Conference in San Diego, CA.
Download: [CSESA_APR02_Galatburg_2016.pdf](#)
- Transitioning Together: A Family-Centered Transition Intervention for High School Students with ASD
An oral presentation from the DOST 2015 conference in Portland, OR.
Download: [CSESA_Transitioning_Together_2015.pdf](#)

Key Resources

- Understanding Autism Professional Development Curriculum
This presentation is part of a professional development series created specifically for educators in middle and high schools serving students on the autism spectrum.
- Autism at a Glance: Supporting Functional Communication in High School
The Autism at a Glance was designed to support high school staff and family members in understanding and improving the communication skills of adolescents on the autism spectrum, specifically for students who have more significant communication needs.
Download: [Supporting Functional Communication in High School.pdf](#)
- Secondary School Success Checklist
The Secondary School Success Checklist (SSSC) is an evaluation of student skills in independence and behavior, transition, social competence, and academic skills completed by staff, families, and students.
Download: [SSSC_Parent_Final.pdf](#) Download: [SSSC_Staff_Final.pdf](#) Download: [SSSC-STUDENT.pdf](#)

www.facebook.com/csesa.asd



The screenshot shows the CSESA Facebook page. The header includes the page name "Center on Secondary Education for Students with Autism Spectrum Disorders", navigation tabs (Timeline, Recent), and an Admin Panel. The main content area features a large photo of a student in a graduation cap and gown, with the CSESA logo overlaid. Below the photo is the page name and a description: "The Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA) is a multi-site research and development center." The page has 246 likes and 6 people talking about it. The bottom section includes tabs for About, Photos, and Likes, and a Highlights dropdown menu.

Center on Secondary Education for Students with Autism Spectrum Disorders

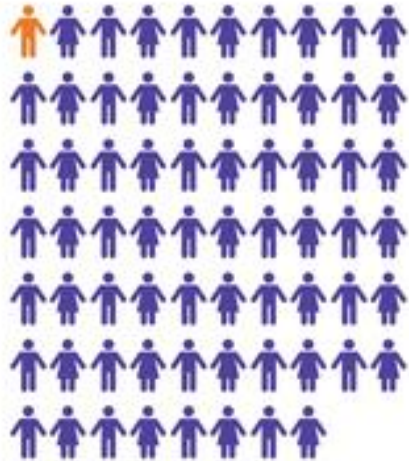
246 likes · 6 talking about this

About

The Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA) is a multi-site research and development center.

Autism in High Schools

NUMBER OF CHILDREN
IDENTIFIED WITH ASD



1 in 68



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

- 14.9 million students in U.S between 9-12 grades
- $14.9\text{m} \times (1 \text{ in } 68) =$

219,118



CSESA Domains



- Partner with teams at each high school
 - Provide ongoing training and coaching in the implementation of specific interventions along with associated evidence-based practices
- Plan the implementation across a 2-year-period

Research Questions Addressed by Efficacy Study

- What is the quality of programs for students with autism in America's high schools?
- Can a comprehensive model for secondary education for student with autism change the quality of high school programs for students with autism?



Efficacy Study of CSESA: Progress to Date

- Study Completed
- Analysis of Program Quality Data Completed
- Student Performance Data Being Entered
- Program Implementation Data in Process:
 - Measure created
 - Data collected and being entered

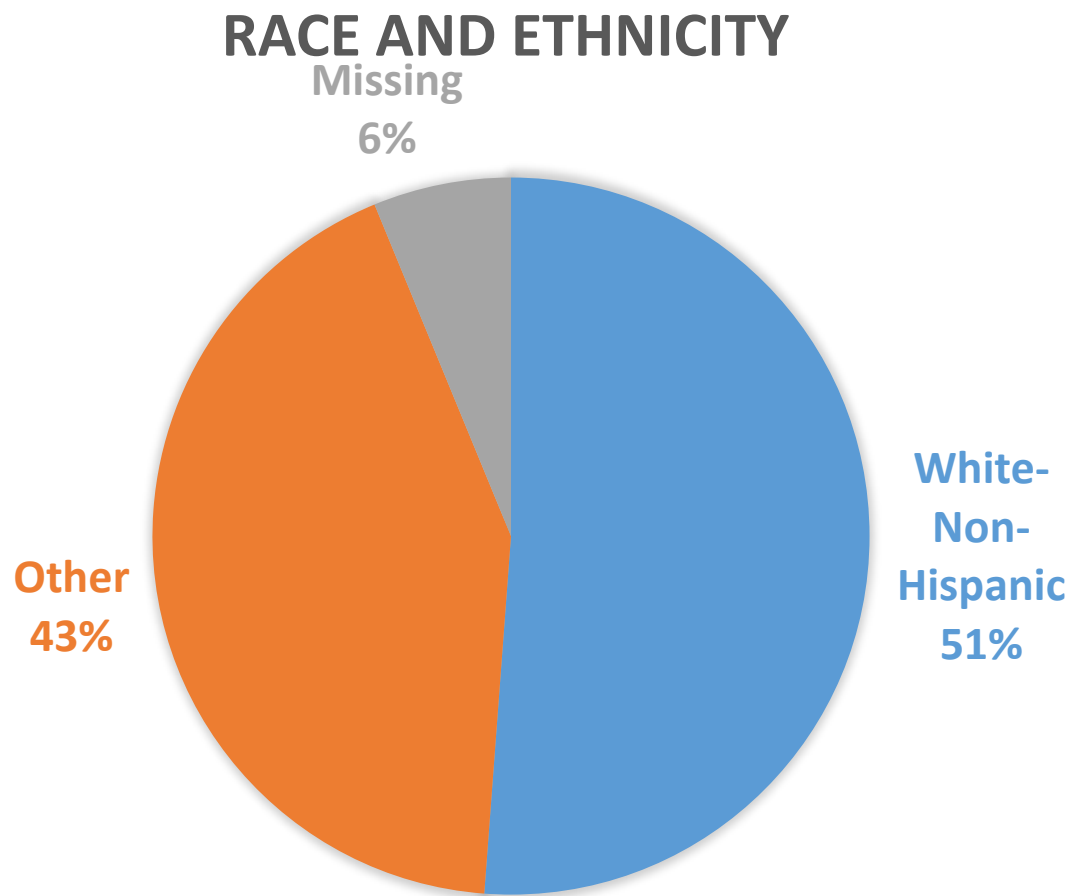


Nature of the Sample

- 60 High Schools
 - 20 North Carolina
 - 20 Wisconsin
 - 20 California
- 543 High School Students
 - No differences between CSESA and SAU
 - Ethnically/racial diverse sample

Characteristic	Mean or % (SD)
Urbanicity	
Rural/Town	15.0
Suburb	45.0
City	40.0
Ethnicity	
White, non-Hispanic	51.3
Hispanic	24.1
Black, non-Hispanic	13.9
Asian	6.22
More than 2 races	3.75
American Indian/Alaskan	.520
Native Hawaiian	.290
SES(% Title 1 Eligible)	56.7
School Size	1890(70.1)

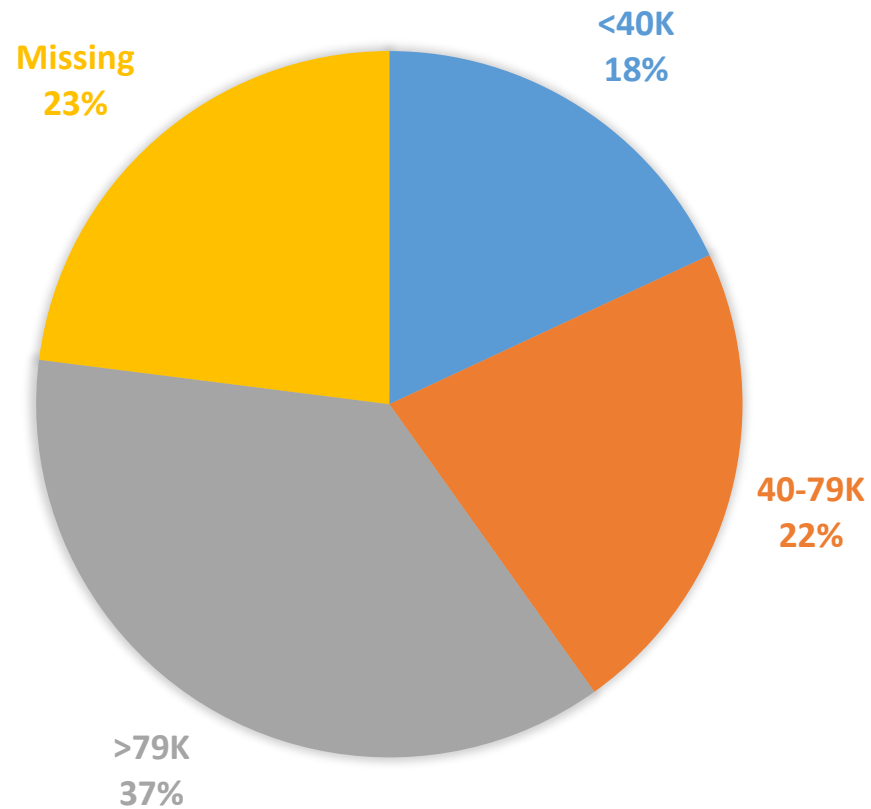
Student Demographics



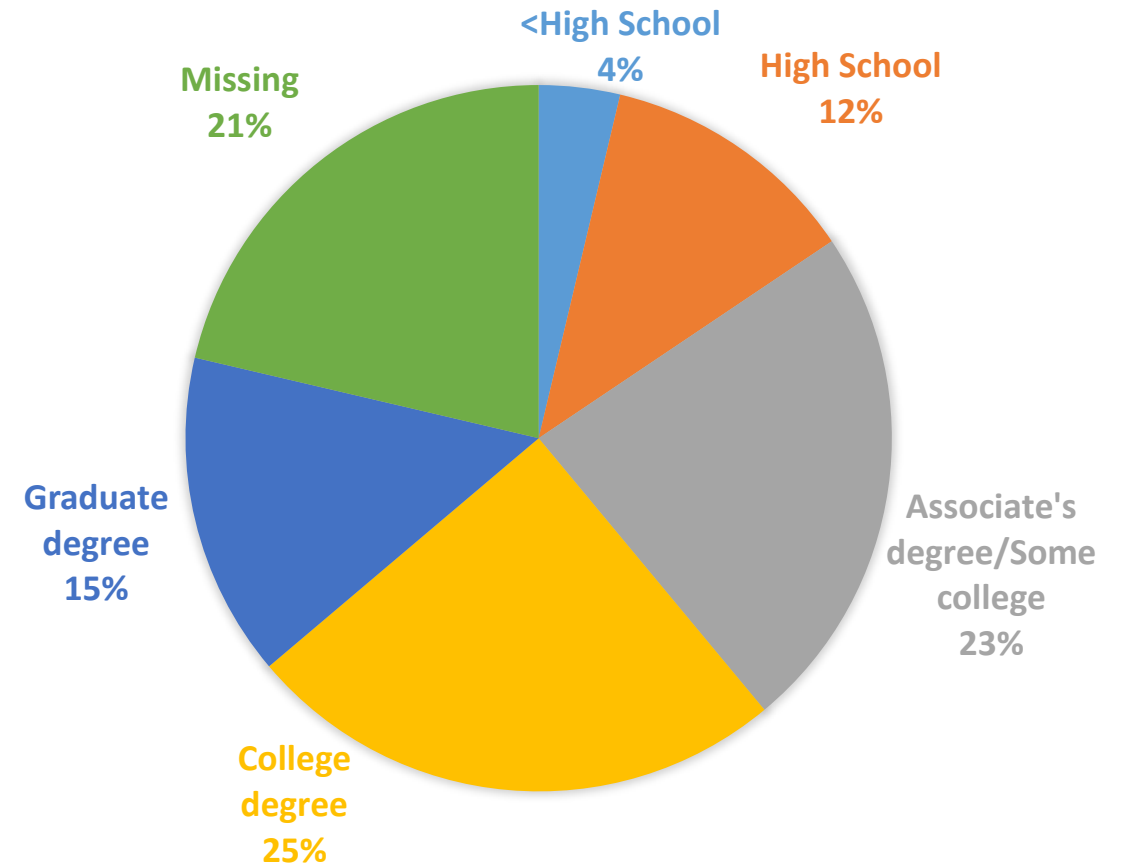
Race & Ethnicity	Hispanic	Non-Hispanic	No ethnicity reported
American-Indian/Alaskan Native	4	10	
Asian	0	21	
Black/African-American	2	68	
White	58	280	
Multi-racial	11	25	1
Other	18	5	
No race reported	7	2	34

Family Demographics

FAMILY INCOME



PRIMARY CAREGIVER'S EDUCATION



Student Characteristics

- Wide range of students on the autism spectrum
- Diploma Status
 - 57% Standard Diploma
 - 43% Modified Diploma
- See Demographic Data for more information



	Mean(SD)	Range
Social Responsiveness Scale-2 (n=502)	70.5 (12.3)	39-110 (82% ≥ 60)
Vineland Adaptive Behavior Composite Standard Score (n=454)	75.8 (16.6)	20-131
Leiter Non-Verbal IQ (n=490)	85.8 (27.2)	30-141

