

Selected Curriculum Vitae

Stephen A. Crutchfield, Ph.D.

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Current Academic Appointment

2015 - Current Associate *Professor*, Special Education, Special Education Program, California Polytechnic State University. Responsibilities include teaching, scholarship, and service.

Selected Publications

Peer-Reviewed Publications

- Irvin, D. W., **Crutchfield, S. A.**, Greenwood, C. R., Simpson, R. L., Sangwan, A., & Hansen, J. H. (2018). Exploring classroom behavioral imaging: Moving closer to effective and data-based early childhood inclusion planning. *Advances in Neurodevelopmental Disorders*, 1-10.
- Irvin, D. W., **Crutchfield, S. A.**, Greenwood, C. R., Kearns, W. D., & Buzhardt, J. (2017). An automated approach to measuring child movement and location in the early childhood classroom. *Behavior Research Methods*, 1-12.
- Davis, J. L., Mason, B. A., Davis, H. S., Mason, R. A., & **Crutchfield, S. A.** (2016). Self-Monitoring Interventions for Students with ASD: A Meta-analysis of School-Based Research. *Review Journal of Autism and Developmental Disorders*, 1-13.
- Sangwan, A., Hansen, J. H. L., Irvin, D. W., **Crutchfield, S.**, & Greenwood, C. R. (2015). Studying the relationship between physical and language environments of children: Who's speaking to whom and where? In *Signal Processing and Signal Processing Education (SP/SPE)*, 2015 IEEE (pp. 49-54). IEEE.
- Crutchfield, S.A.**, Mason, R. A., Chambers, A., Wills, H. P., & Mason, B. A. (2015). Use of a self-monitoring application to reduce stereotypic behavior in adolescents with autism: A preliminary investigation of I-Connect. *Journal of Autism and Development Disorders*.

Books

- Travers, J., & **Crutchfield, S.** (2022) *Skillstreaming: New strategies and perspectives for teaching pro-social skills*. Research Press, Champagne, IL.
- Crutchfield, S. A.**, & Wood, L. (2018) *How to use cognitive behavioral interventions and self-management interventions for Students with Autism*. Pro-Ed. Austin, TX.

Book Chapters

- Crutchfield, S., & Chavez, M.** (2022). Self-management and cognitive behavioral interventions. *Autism spectrum disorders: Interventions and treatments for children and youth (de Boer, Otten, & Bross, Ed.)*. Corwin Press.
- Crutchfield, S., & Chavez, M.** (2022). Physiological interventions. *Autism spectrum disorders: Interventions and treatments for children and youth (de Boer, Otten, & Bross, Ed.)*. Corwin Press.
- Crutchfield, S., & Chavez, M.** (2022). Interventions with the potential to cause harm. *Autism spectrum disorders: Interventions and treatments for children and youth (de Boer, Otten, & Bross, Ed.)*. Corwin Press.
- Travers, J. C., Ayers, K., Simpson, R. L., & **Crutchfield, S.** (2016). Fad, pseudoscientific, and controversial interventions. In *Early Intervention for Young Children with Autism Spectrum Disorder* (pp. 257-293). Springer International Publishing.
- Mason, R.A., Ganz, J., & **Crutchfield, S.** (2016). Social skill and social interaction supports and intervention methods. In *Educating Children and Youth with Autism: Strategies for Effective Practice—Third Edition* (pp. 121-138). Pro-Ed Publishing, Austin, TX.

Selected Presentations

Refereed Conference Presentations

- Crutchfield, S., Chavez, M., & Wood, L.** (2024) *The effects of GoManage on academic readiness for learners with autism*. Division on Autism and Developmental Disabilities International Conference. Honolulu, HI
- Wood, L., & **Crutchfield, S.** (2021). *Self-Management interventions for students with extensive and less extensive support needs*. Council for Exceptional Children International Conference, Virtual.
- Crutchfield, S., & Wood, L.** (2021). *Self-Management interventions, state of the evidence*. Council for Exceptional Children International Conference, Virtual
- Crutchfield, S.** LaCava, P., (2019) *Designing video-based instructional approaches and technology-based interventions for social and emotional learning* Richard L. Simpson Conference on Autism, Overland Park, KS
- Wood, L., **Crutchfield, S.**, Phillips, S., Slone, R., & McNamara, E. (2019). *Science and engineering for students with ASD and/or ID in secondary grades*. Division on Autism and Developmental Disabilities International Conference, Maui, HI
- Phillips, S., Woodhull, J., & **Crutchfield, S.** (2019). *The differential effects of self-monitoring featuring high-frequency and low-frequency cueing for an adolescent with autism*. Division on Autism and Developmental Disabilities International Conference, Maui, HI
- Wood, L., **Crutchfield, S.**, Phillips, S., Slone, R., & McNamara, E. (2018). *Science and engineering for students with ASD and/or ID in secondary grades*. California Council for Exceptional Children Annual State Conference, Burlingame, CA

Crutchfield, S. (2018) *How to use self-Management Strategies for Students with Autism*. Richard L. Simpson Conference on Autism, Overland Park, KS

Crutchfield, S., Fisher, E., & Brendlen, A., Wood, L. (2017) *Implementing self-management systems for learners with autism*. California Council for Exceptional Children Annual State Conference, San Diego, CA

Funded Grants and Contracts

GoManage Phase II (2021): A self-management curriculum app for students with disabilities

A \$900,000 grant from the U.S. Department of Education's 2021 Small Business Innovation Research (SBIR) Phase II program. An SBIR partners small businesses with Institutions of Higher Education (IHE) to develop and bring to market innovative technologies to solve essential problems. These are notoriously competitive funding streams, and the securing of Phase II funding represents the development of a promising prototype in Phase I.

GoManage Phase I (2020): A self-management curriculum app for students with disabilities

A \$199,996 grant from the U.S. Department of Education's 2020 Small Business Innovation Research (SBIR) Phase I program. Phase I SBIR partners small businesses with Institutions of Higher Education (IHE) to develop a prototype of innovative technologies to solve essential problems. These prototypes are then entered into funding proposals for Phase II funding to bring these prototypes to market.