

Fostering a Culture of Connection by Supporting Executive Functioning Skills (Part 1 and Part 2)

This two-part session aims to support participant understanding of Executive Function and the role Executive Function plays in fostering a culture of connection and trust in the classroom. Guided by the research supporting the CEC's High Leverage Practices (HLPs), we will learn how to develop practical and effective strategies to frame student executive function through inclusive pedagogical practices and accessible and assistive technologies. We will be doing a deep dive with technology because the right technology solutions can alleviate barriers in learning environments. The sessions will explore and demonstrate, through student examples, how educational, accessible assistive technologies support executive function and social-emotional learning more broadly.

Important Session Links

- [Part 1 Slides](#) (google drive)
- [Part 2 Slides](#) (google drive)
- [Padlet for Executive Function Strategy Ideas](#) – ([Google Doc version of Strategies](#)) (<https://padlet.com/JanetPeters/gtypzmzr96km0edd>)
- [Scaffolding Executive Function Planning Template \(Google Doc\)](#) by Janet Peters (Adapted from Kansas Infinitec Access for All UDL Lesson Planning Templates)
- [Technology Resources for Executive Function \(Google Doc\)](#) and [Padlet for Part 2 Activity](#) (<https://padlet.com/JanetPeters/x5g92lqxsIzwr5y3>)

Resources

- [4 Principles of a Universal Design for Learning Approach](#) by Sarah Schwartz for Edutopia (<https://www.edutopia.org/article/4-principles-universal-design-learning-approach>)
- [Introduction to High Leverage Practices](#) by the Council for Exceptional Children (<https://youtu.be/y0iGKOq8UXk>)
- [Study Skills Course](#) by Iris (<https://iris.peabody.vanderbilt.edu/module/ss1/>)
- Read Executive Function 101 from [A Guide to Executive Function](#) by the Center on the Developing Child Harvard University (<https://developingchild.harvard.edu/guide/a-guide-to-executive-function/>)

Statewide Professional Development to Support the Workforce & Low Incidence Disability Areas

- ReidConnect-Ed Podcast Episode 2: [Why are Executive Functions so important?](https://reidconnect.com/reid-connect-ed-podcast) (<https://reidconnect.com/reid-connect-ed-podcast>)
- [Student Self-Evaluation Matrix \(QIAT-PS\)](http://qiat-ps.org/) by Great Lakes ADA Center (<http://qiat-ps.org/>)

About the Presenter



Janet Peters is an independent consultant specializing in Assistive Technology (AT) implementation, Universal Design for Learning (UDL), and creating systems change through inclusive technology. She can be reached at janet.l.peters@gmail.com

References

- Barkley, R.A. (2011). The Important Role of Executive Functioning and Self-Regulation in ADHD. Article based on: Executive Function and Regulation: Extended Phenotype, Synthesis, and Clinical implications. (2012). Guilford Publications, NY, NY.
- Chambers, D., & Forlin, C. (Eds.). (2020). Assistive Technology to Support Inclusive Education. Emerald Group Publishing.
- Curry, C., Perez, L., Zabala, J., Peters, J., Kennedy, M., & Howorth, S. (2021) HLP 19: [Use Assistive and Instructional Technology](https://highleveragepractices.org/hlp-19-use-assistive-and-instructional-technologies). Retrieved from (<https://highleveragepractices.org/hlp-19-use-assistive-and-instructional-technologies>)
- Diamond, A., Prevor, M., Callender, G., & Druin, D. (1997). Prefrontal cortex cognitive deficits in children treated early and continuously for PKU Monographs of the Society for Research in Child Development, 62.
- Garc a-Campos, M. D., Canabal, C., & Alba-Pastor, C. (2020). Executive functions in universal design for learning: Moving towards inclusive education. International Journal of Inclusive Education, 24(6), 660-674.
- Gould, R., Heider, A., Harris, S. P., Jones, R., Peters, J., Eisenberg, Y., & Caldwell, K. (2022). Self-Determination and Quality Indicators for Assistive Technology in Postsecondary Education. Journal of Postsecondary Education & Disability, 35(1).

Statewide Professional Development to Support the Workforce & Low Incidence Disability Areas

- Herburger, D., Holdheide, L., & Sacco, D. (2020). Removing Barriers to Effective Distance Learning by Applying the High-Leverage Practices: Tips and Tools. WestEd.
 - Lee, H., & Wherfel, Q. M. (2022). Assistive Technology Utilization: Trends, Challenges, and Implications for Special Education Teachers. In *New Considerations and Best Practices for Training Special Education Teachers* (pp. 247-276). IGI Global.
 - McLeskey, J., Barringer, M-D., Billingsley, B., Brownell, M., Jackson, D., Kennedy, M., Lewis, T., Maheady, L., Rodriguez, J., Scheeler, M. C., Winn, J., & Ziegler, D. (2017, January). High-leverage practices in special education. Arlington, VA: Council for Exceptional Children & CEEDAR Center.
 - Meltzer, L. (Ed.) (2007). *Executive function in education: From theory to practice*. The Guilford Press: NY, NY.
 - Meltzer, L. (2010). *Promoting executive function in the classroom*. The Guilford Press: NY, NY.
 - Meyer, A., Rose, D.H., & Gordon, D. (2014). *Universal design for learning: Theory and Practice*. Wakefield, MA: CAST Professional Publishing.
 - Segundo-Marcos, R., Carrillo, A. M., Fernandez, V. L., & Gonzalez, M. T. D. (2022). Development of executive functions in late childhood and the mediating role of cooperative learning: A longitudinal study. *Cognitive Development*, 63, 101219.
 - Wright, R. E., McMahon, D. D., Cihak, D. F., & Hirschfelder, K. (2022). Smartwatch executive function supports for students with ID and ASD. *Journal of Special Education Technology*, 37(1), 63-73.
-

Charting the Cs, Metro ECSU, 2 Pine Tree Drive, Suite 101, Arden Hills, MN 55112
Phone 612-638-1500, FAX 612-706-0811, chartingthecs@metroecsuo.org
www.chartingthecs.org