

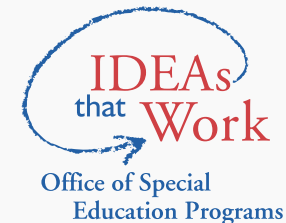
# Explore the Power of an Accessible Open-Source Reporting Tool

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**RHONDA WEISS CENTER**  
FOR ACCESSIBLE IDEA DATA



Office of Special  
Education Programs



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# Presenters

Johan Rempel, Project Co-Director

Nichole Bui, Technology Lead

Marcelo Paiva, UX and Accessibility Lead

Sarah Massengale, Accessibility Specialist

# **The Rhonda Weiss Center**

**Johan Rempel**





# Weiss Center Mission

- **Accessibility is our highest priority.**
- Primary activities:
  - Create a free data reporting tool that allows States to publish **Individuals with Disabilities Education Act (IDEA)** data in ways that are accessible and manipulatable by persons with disabilities.
  - Provide Technical Assistance on making IDEA data reporting and publications accessible to persons with disabilities.



# Achieving Better Accessibility for All

- The Weiss Center is dedicated to promoting equity and inclusion for students and individuals with disabilities.
- Our goal is to provide individuals with disabilities full and equal access to IDEA Part B and Part C data in accessible formats, exceeding 508 compliance.



# Involving People with Disability

- Conducted 4 sessions across country to collect inputs for the tool.
  - 80 total participants.
  - Included persons with blindness, low vision, motor impairment, neurodivergent, and deafness disabilities.
- Conducted usability studies to collect feedback on design concepts.
  - 22 participants year-to-date.
  - Included persons with blindness, low vision, motor impairment, and neurodivergent disabilities.

# **ADAPT Overview**

**Nichole Bui**







# What is ADAPT?

- Acronym for **A**ccessible **D**ata **A**nalysis and **P**ublishing **T**ool.
- Modern, collaborative, accessible, Cloud-based reporting solution.
- Support IDEA data sets and allows data managers to create and publish reports that are accessible for people with disabilities.



# What will be shown today?

1. ADAPT landing page (screen reader)
2. Application menu bar (screen reader)
3. Accessibility settings (keyboard-only)
4. Reports list (screen reader)
5. Report view (screen reader)

# Demo

**Sarah Massengale and  
Marcelo Paiva**





# Feedback from Usability Studies

- Add a quick view for “Recently viewed reports.”
- Include how many results there are in the message in the announcement.
- Provide a hover feature to glossary terms, in addition to the expand capability.
- Add glossary definitions near the terms in the data representation component.

## Question #1

What accessibility features stood out that were most beneficial or of greatest value to a person with a disability?

## Question #2

What would make ADAPT even better?



# Step-by-Step Guide to ADAPT

## Step 1

States implement ADAPT in their cloud environment and upload data from their:

- Data Warehouse
- IDEA Part B/C Files

## Step 2

In ADAPT Admin, state authorized users can create accessible data reports.

## Step 3

State authorized administrators review the created reports to:

- Approve
- Request revisions

## Step 4

Once approved, the accessible data reports can be published to ADAPT Viewer and accessed by the public.



# Usability Studies

- Participate in our user research sessions:
  - See our concepts,
  - Evaluate and contribute to ideas,
  - Review early prototypes, and
  - Co-design with us and provide timely feedback.
- <https://bit.ly/weiss-research>





**Q&A**





# Contact Us

Nichole Bui

Technology Lead

[nbui@aemcorp.com](mailto:nbui@aemcorp.com)

Marcelo Paiva

UX and Accessibility Lead

[mpaiva@aemcorp.com](mailto:mpaiva@aemcorp.com)

Johan Rempel

Project Co-Director

[jrempel3@gatech.edu](mailto:jrempel3@gatech.edu)

Visit our website

[weissta.org](http://weissta.org)



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# Thank you!



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