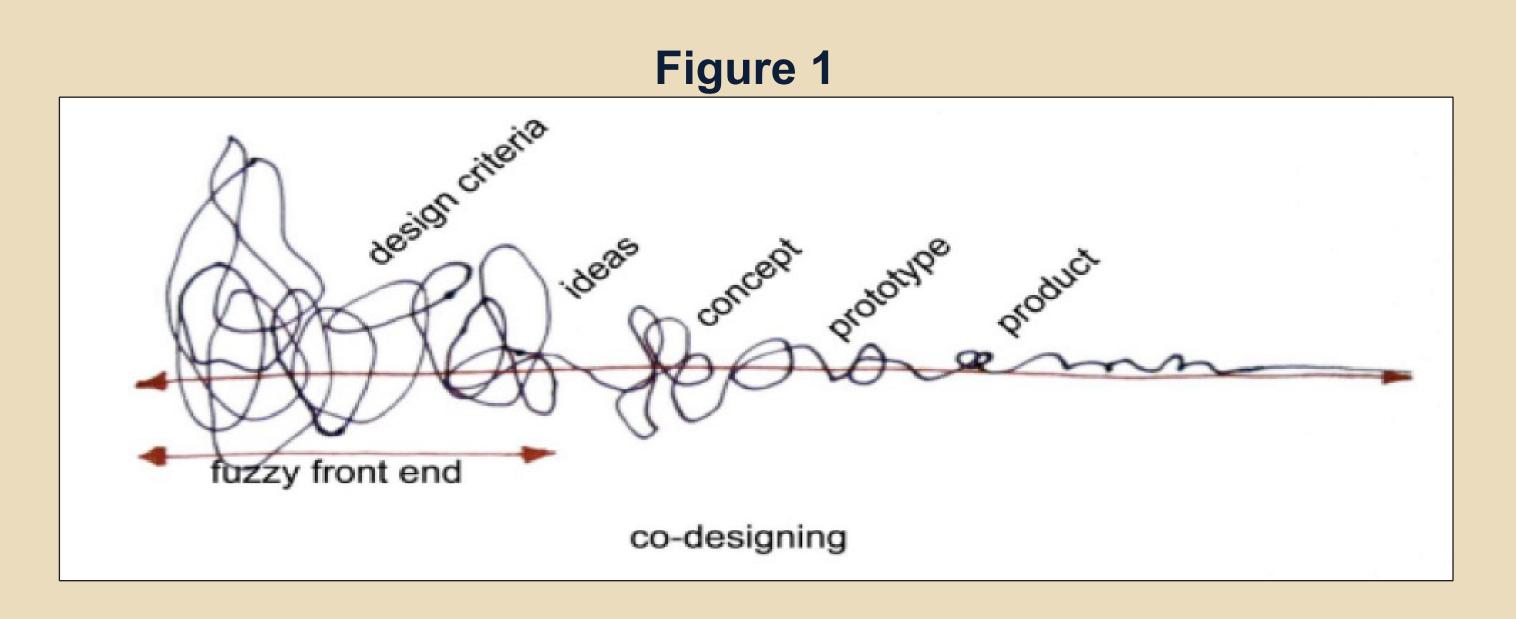


University Center for Excellence in Developmental Disabilities

Co-Design History and Theory

40 Year History: Began as participatory design. Was aimed at redressing product failure.

Today: Co-design engages service and product users as full collaborators in a collective intelligence and invention process at the fuzzy front end of the design process (Figure 1).



Concept Co-Design Laboratory

- 1. Grounded in a framework synthesizing co-design theory with systematic and rigorous multi-method research; and
- 2. Builds on the empowerment model of involvement of individuals with disabilities in designing solutions for problems which concern them and for which they hold unique knowledge.

DePoy, E. & Gilson, S. F. (2014). *Branding and designing disability*. London, UK: Routledge. Sanders, E. & Stappers, P. J. (2008). Co-creation and the new landscapes of design. Retrieved from http://www.

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Co-Design: A Contemporary Path to Innovation and Entrepreneurship for People with Disabilities

Evolution of the Co-Design Lab

Two innovative products that needed input from users:

MOJO Lab Work





Afari[™] Lab Work

Curriculum-Sample Assignment Accessibility and Participation Technology

Select a technology from the list provided:

- 1. Describe and demonstrate the technology.
- 2. Work with an approved group of tech users to conduct a forensic analysis of the tech-what is wrong with it and what failures do you find?
- 3. What potential users remain excluded by this technology and why?
- 4. What other solutions exist for the problem for which this tech was developed?
- 5. What solutions to these exclusions and expansions are developed by the users?
- 6. What aesthetic changes need to be made?
- 7. What functional changes need to be made?

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Liz DePoy, Ph.D. and Stephen F. Gilson, Ph.D.