



HIROSHIMA UNIVERSITY

The Institute for Diversity and Inclusion, Hiroshima University  
主催：広島大学 ダイバーシティ&インクルージョン推進機構

10月はディスレクシア啓発月間です。



# The Third Lecture of the Institute for Diversity & Inclusion

## 第3回 ダイバーシティ&インクルージョン推進機構 講演会



Lecturer 講演者

**Dr. Shelley Gray**

Professor of Speech and Hearing Science in the College of Health Solutions at Arizona State University

Moderator 司会者

**Dr. Norimune Kawai 川合 紀宗 教授**

広島大学 副理事(キャンパス国際化担当)・D&I推進機構 特別支援教育実践センター長

Language 言語: English 英語

Venue 会場:

広島大学フェニックス国際センターミライクリエ 2階 大会議室  
Hiroshima University Phenix International Center Mirai Crea  
Large Meeting Room 2<sup>nd</sup> floor

“Working Memory in Children with Learning Difficulties”

「学習困難な子どもたちのワーキングメモリー」

**October 12, 2023, 15:00-16:30**

### Lecture Abstract

Working memory encompasses an individual's ability to process and store incoming information over brief periods of time. In this presentation we will review the structure and function of the different components of working memory in children and how working memory develops over time. We know that working memory is a powerful predictor of learning in oral language, math, reading, and science. Because of this, children with learning difficulties who struggle academically are often assumed to have working memory deficits; however, in this presentation we will review research showing that working memory deficits do not always co-occur with developmental disabilities such as developmental language disorder or dyslexia and can occur in children with typical development (Gray, et al., 2019).

### Short Bio

Shelley Gray is a Professor of Speech and Hearing Science in the College of Health Solutions at Arizona State University and a certified speech-language pathologist.

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アクセス：中国 JR バス・芸陽バス JR 西条駅より約 25 分 大会館前バス停下車すぐ

No registration required. 参加登録は不要です。Contact: Mariko Omori 大森万理子 (momori@hiroshima-u.ac.jp)