LRDC
State of the Center
September 19, 2022
Overview

1. Who we are
2. What we are doing
3. What’s ahead
LRDC Human Profile
September 2022

Community of about 175 people
123 Researchers

• Graduate Students 61
  • Staff: 42
  • Faculty: 30
• Research Associates 16
• IFL Research Associates 12
• Post-docs 15
• Center Faculty Associates 5 (12)

Psychology 38
Education 14
SCI & IS 8
LRDC Human Profile
September 2022

Gender and Racial/Ethnic Identities

• 2/3 female
• 27% nonwhite
  • 2 two or more races
  • 13 Black/African American
  • 15 Hispanic/Latino
  • 20 Asian/Pacific Islander

Nonwhite by Category

• Faculty, 6 of 30
• Staff, 4 of 42
• Post-Docs & Research Associates, 8 of 31
• IFL Research Associates, 4 of 12
• Graduate Students, 27 of 61
Comings & Goings

Lindsay Clare Matsumura, Associate Director for Educational Research, Practice, and Policy

Joe Stafura, LRDC grants administrator
Welcome New Faculty

- Daphne Henry, Psychology
- Angela Stewart, SCI, Informatics & Networked Systems
2. What we are doing
LRDC Research Agenda

LRDC Mission
UNDERSTANDING LEARNING. IMPROVING EDUCATION.
The Learning Research and Development Center (LRDC) is dedicated to advancing knowledge about the science of learning and improving education practice and opportunities for all.
LRDC RESEARCH AREAS

1. COGNITIVE & NEURAL FOUNDATIONS OF LEARNING
2. DEVELOPMENTAL PROCESSES & OUTCOMES
3. EDUCATIONAL OPPORTUNITIES, EQUITY, & ATTAINMENT
4. IMPROVEMENT RESEARCH IN EDUCATION
5. INFORMAL & LIFE-LONG LEARNING
6. LEARNING TECHNOLOGY
7. MOTIVATION & ENGAGEMENT
8. READING & LANGUAGE
9. REASONING, DECISION MAKING, & ARGUMENTATION
10. STEM
Based on two of the three foundational pillars of LRDC: Human Learning, Educational Improvement, and Interdisciplinarity
Research Funding

ACTIVE GRANT FUNDING

Federal Non-Federal

2017 $19,373,101 $22,135,273
2018 $16,480,672 $18,528,729
2019 $3,125,233 $6,425,758
2020 $15,086,112 $17,057,100
2021 $19,320,828 $18,330,817
2022 $15,008,112 $17,057,100

2023 $42,000,000 to date

From Provost Report March 2022
Internal Awards Program

Supporting Collaborative Projects

• Investing in LRDC researchers: 41 Internal awards totaling $3.9 million over 12 years

• Result: 48 external applications resulted from research supported through the Internal Awards Program; 23 were funded for $26.3 million

• 2022: 3 internal awards made
  • Testing Links Between Motivation, Achievement, and Neurobiology (Hanson, Wang, Del Toro)
  • Testing the Efficacy and Mechanism of a Glass Analysis Method Reading Intervention (Fiez & Matsumura)
  • Teaching Reading and Summarizing via Argument-Focused Text Annotation (Ashley & Fraundorf)
3. What’s Ahead for 2022-2023
From the Provost’s September 2022 response to LRDC Strategic Planning Document

equity, diversity, and inclusion initiatives.

support for students and employees; professional development training for staff

in research and engagement, the Center continues to be a powerhouse

LRDC projects exert a local, regional, and even global impact
Year of Emotional Well-Being
Some Highlights of Coming Events
1. LRDC’s adventure in Undergraduate Education

*Transcript Distinction in the Learning Sciences*

**Syllabus**
Learning Sciences
Spring Term 2023

Taught by LRDC faculty
MONDAYS 12:00-2:30
2. Board of Visitors

March 23-25, 2023
3. Other things

- CODIE Committee. Tim Nokes and Angela Allie will co-chair LRDC's Diversity, Inclusiveness, and Equity Committee.
- LRDC Summer Internship Program, co-directed by Natasha Tokowicz and Tim. NSF application
- Continuation of Internal Awards Program
- University of Pittsburgh McNair Scholars Program
- LRDC will co-host the annual meeting of the Society for Human Sentence Processing in March
- LRDC Graduate Student Support Program
What we can do

Office Spaces
  Floor space committees

Open Discussion
A favorite view of the Cathedral of Learning