

Feasibility of An IDDRC in Rochester: Is it Time?

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Background:

The AUCD (Association for University Centers for Disabilities) and Eunice Kennedy Shriver National Institute for Child Health and Human Development coordinate three programs that promote multidisciplinary research, training, and collaborative care and advocacy regarding Intellectual and Developmental Disabilities. UR has had a UCEDD (University Center for Excellence in Developmental Disabilities) for 35 years and a LEND (Leadership Education in Neurodevelopmental Disabilities) program for 15 years. UR does not have an Intellectual and Developmental Disability Research Center (IDDRC). In the past 10 years since IDDRC application was last considered there has been a focused increase in basic and translational research in Neuromedicine at UR.

Purpose:

To determine the feasibility of a UR application for an IDDRC

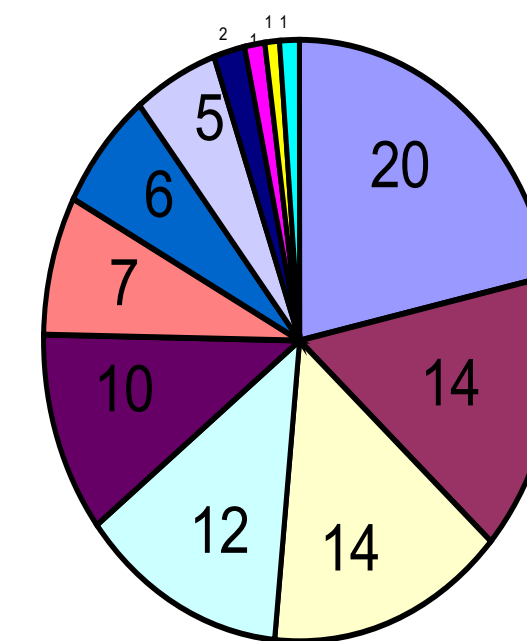
Approach:

- Tabulate and place in NICHD categories funded research at UR using NIH Reports and CTSI research database.
- Compare to existing IDDRC's in scope, location, variety
- Examine UR research needs reported by Sr. Associate Dean of Research, Center Directors, Investigators (Stakeholders)

Currently Funded IDDRC Locations



%UR NIH Funding for IDD Topical Areas



■ NINDS ■ NICHD □ NIDCD □ NIMH ■ NIEHS ■ NEI
 ■ Aging □ GMS ■ NIHG ■ AHRQ ■ NCI ■ NHLBI

Results:

- 14 NICHD funded projects
- >90 NIH funded projects related to IDD
- Stakeholders interested in Core support in Biostatistics, Human and Animal Behavioral Assessment, Epigenetics, and supplementation of existing cores

Table: Selected Areas of NICHD Interest with UR NICHD Funded Grants

NICHD IDDRC Areas of Interest	# NICHD Grants	# Total NIH Grants
Learning, Cognition, Memory	2	4
Family and Community Relationships in IDD	2	4
Communication and Language	2	3
Toxicology and Environmental Factors	1	6
Developmental Neurobiology: differentiation, axon outgrowth and target recognition, hormonal and other influences on neuronal development, neuroplasticity	2	19
Prenatal Dx and Screening	1	3
Epidemiology of IDD	1	4
Early Identification and Intervention	1	5
Developmental Immunology	2	7



Conclusions:

- Enthusiastic PI with Basic Science success will be critical for a successful application
- Growth in NICHD funded research important
- Core and educational resources will be welcome by stakeholders interviewed to date
- More work to be done: stakeholder interviews, specifics of core development, commitment to application development by stakeholders