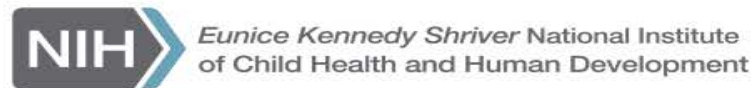


# Division of Extramural Research Update

January 24, 2019

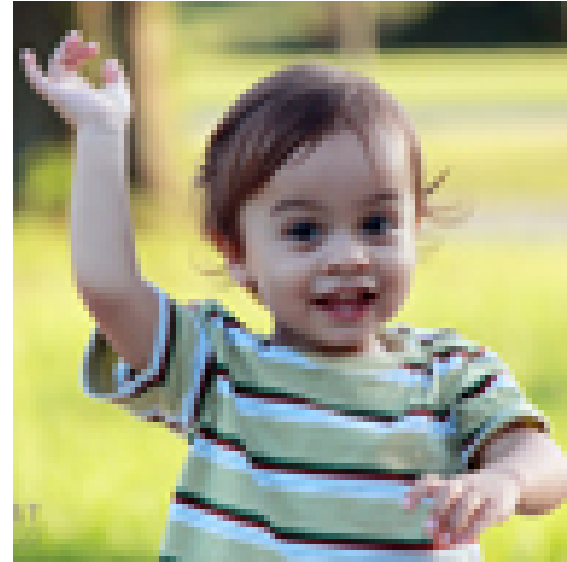
Della M. Hann, Ph.D.



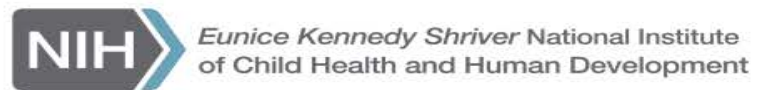


# Overview

- HEAL
- Impact Analysis
- Staff Updates



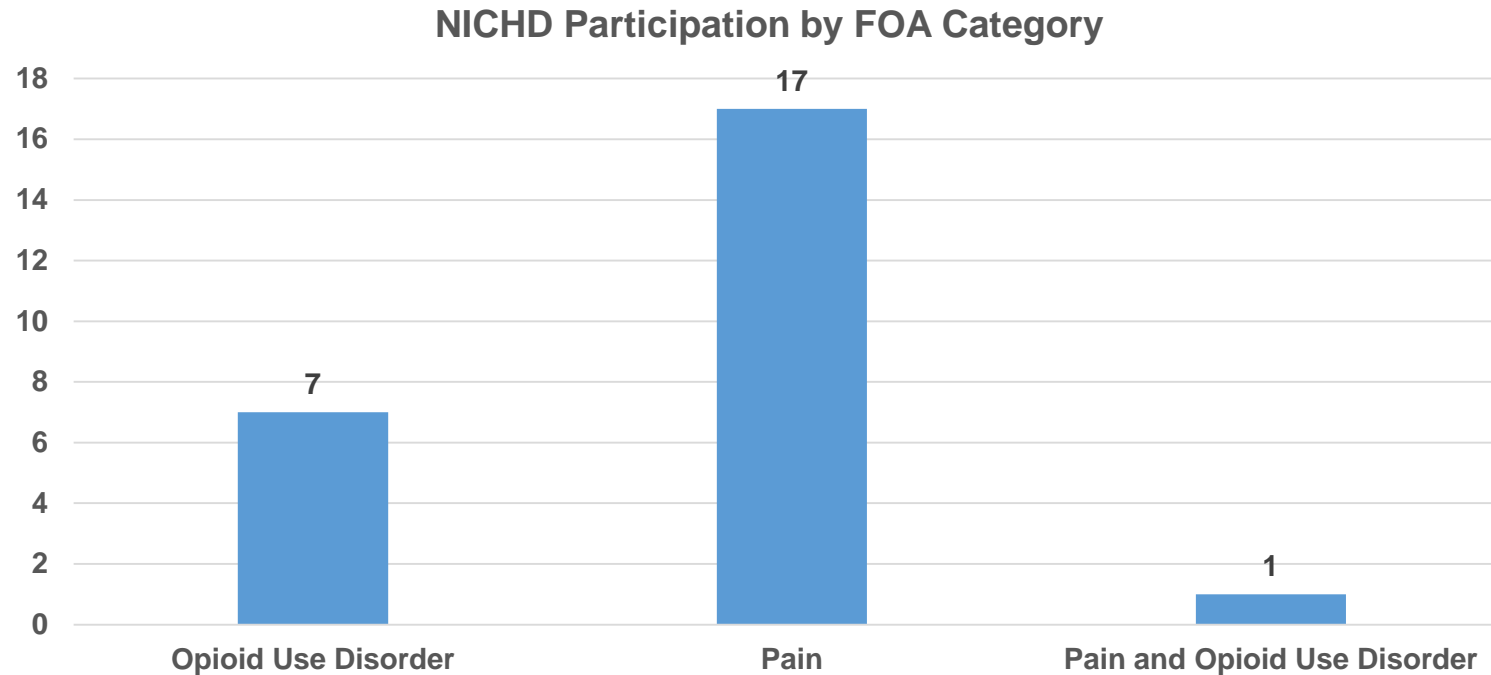
# HEAL Initiative



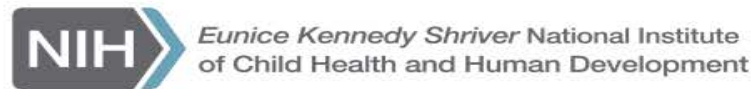
# NICHD's participation in HEAL Initiatives



- Signed on to 25 FOAs (not including companion notices)
- Leading 1 FOA as part of the ACT NOW program with ECHO



# Impact Analysis





- Create a standardized methodology with quantitative metrics to identify downstream impacts of NICHD's large programs and their effects on public health
- 10 programs across distinct scientific domains and time scales
- ~20 metrics were identified and calculated for each program and contextual reference groups

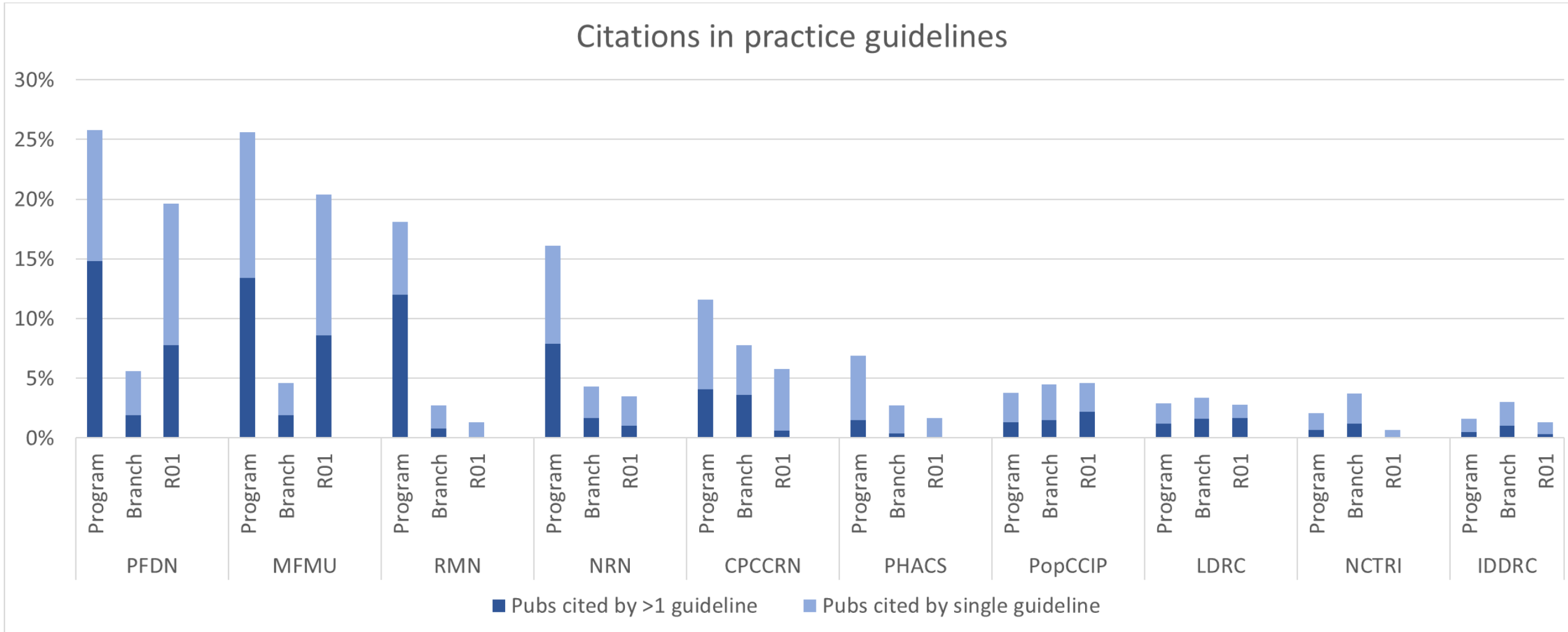


- How do we understand the impact on public health?
- How do we understand the impact on specific areas of science, regardless of where the program falls in the basic to clinical spectrum?

# Practice Guidelines



Citations in practice guidelines



Clinical

Applied & Translational

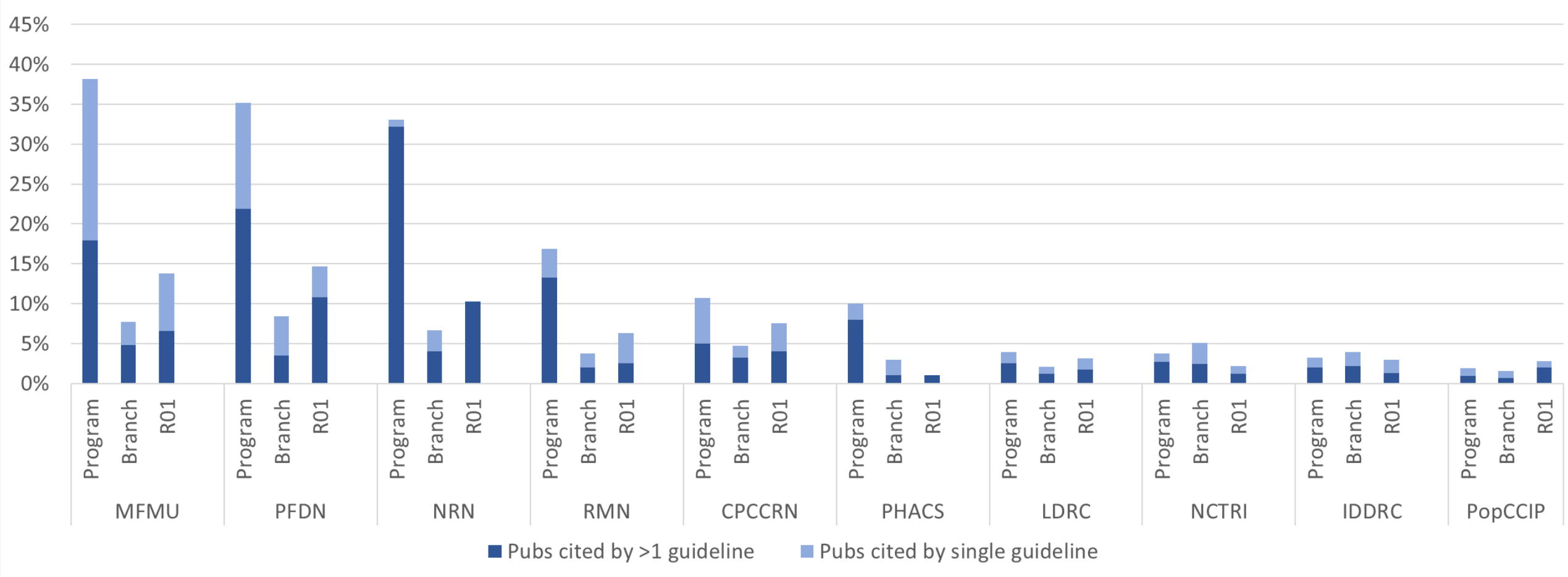
Infrastructure & Research



# UpToDate Guidelines



Citations in UpToDate guidelines

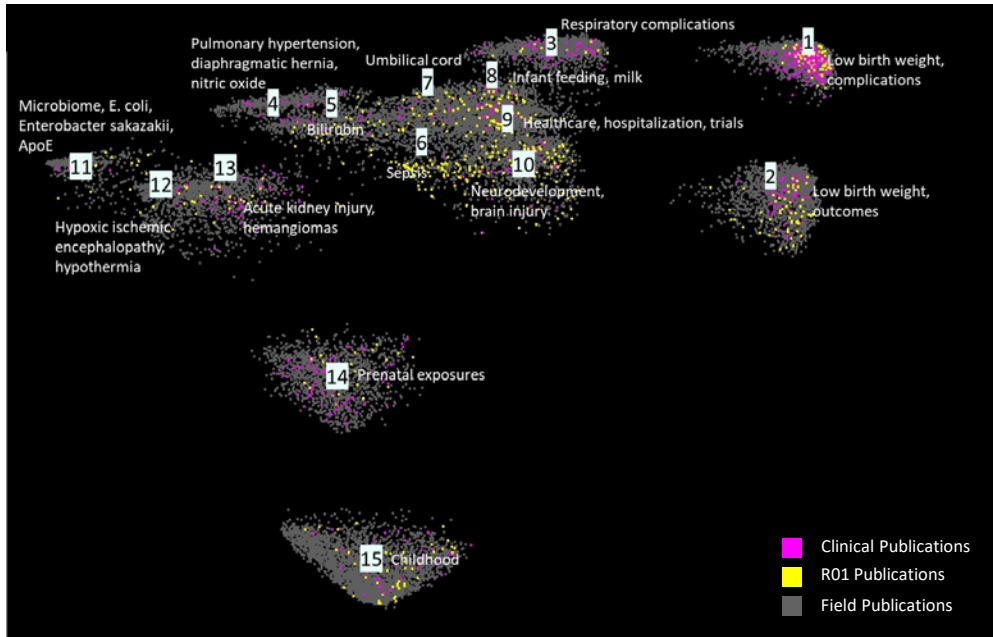


Clinical

Applied & Translational

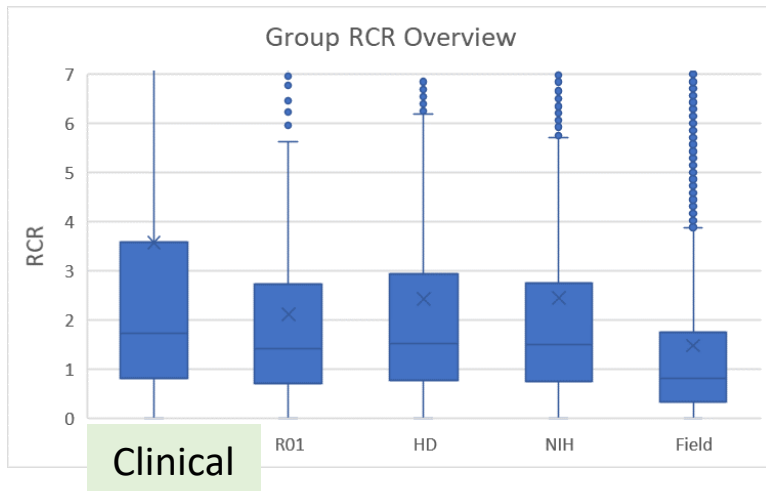
Infrastructure & Research

# Content Analysis with RCR

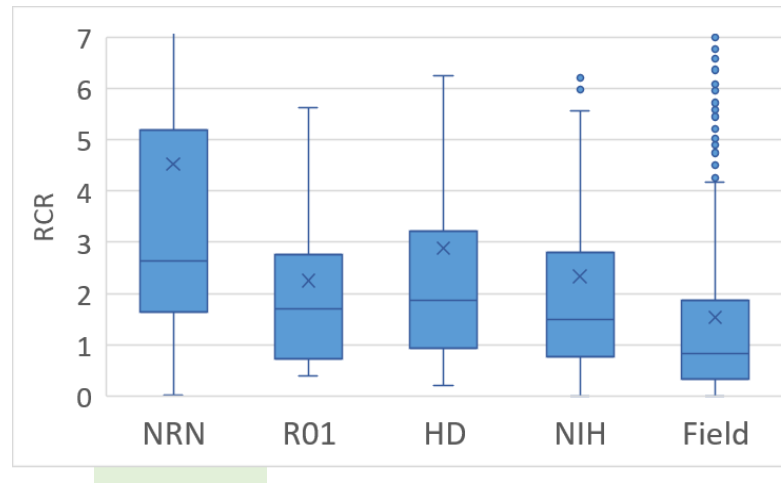


Cluster	Overall RCR median	Overall RCR max	Topic
1	0.86	50.02	Low birth weight, complications
2	1.00	38.65	Low birth weight, outcomes
3	0.95	58.87	Respiratory complications
4	0.61	25.91	Pulmonary hypertension, diaphragmatic hernia, nitric oxide
5	0.66	8.86	Bilirubin
6	0.95	35.93	Sepsis
7	0.86	23.67	Umbilical cord
8	1.14	35.84	Infant feeding, milk
9	0.79	113.06	Healthcare, hospitalization, trials
10	1.10	43.34	Neurodevelopment, brain injury
11	1.02	78.11	Microbiome, E. coli, Enterobacter sakazakii, ApoE
12	0.80	77.57	Hypoxic ischemic encephalopathy, hypothermia
13	1.05	28.50	Acute kidney injury, hemangiomas
14	1.24	24.56	Prenatal exposures
15	1.06	127.44	Childhood

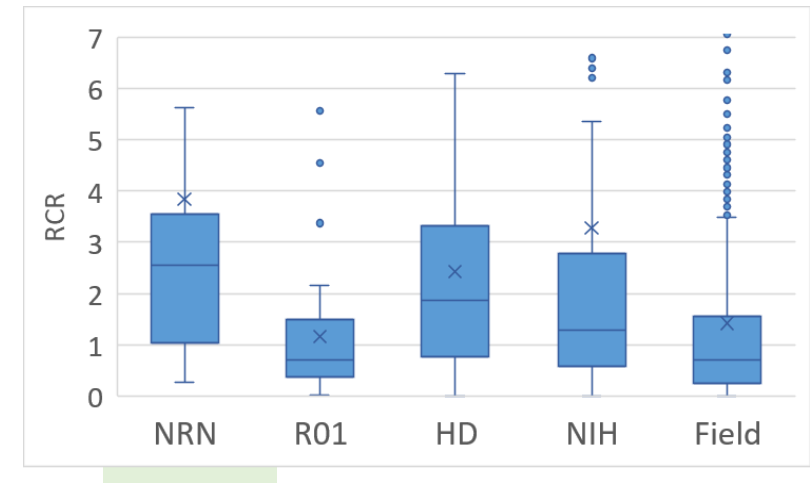
Overall



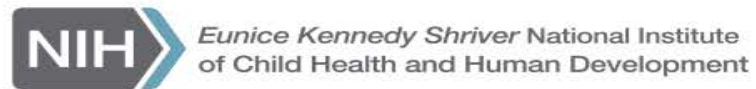
Cluster 3



Cluster 12



# Staff Updates



# Staff Transitions from NICHD Extramural



Della White  
PDB



Tonse Raju  
PPB



Lisa Freund  
CDBB

# New to NICHD



Sujata  
Bardhan  
IDDB



Christiane Robbins  
SRB



Christopher Lindsey  
CRB



James  
Coulombe  
DBSVB

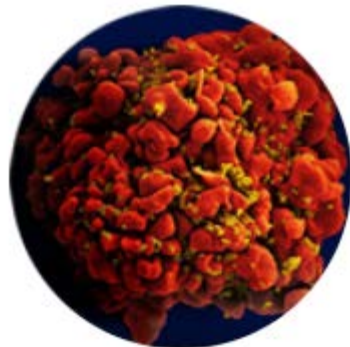
More To Come...



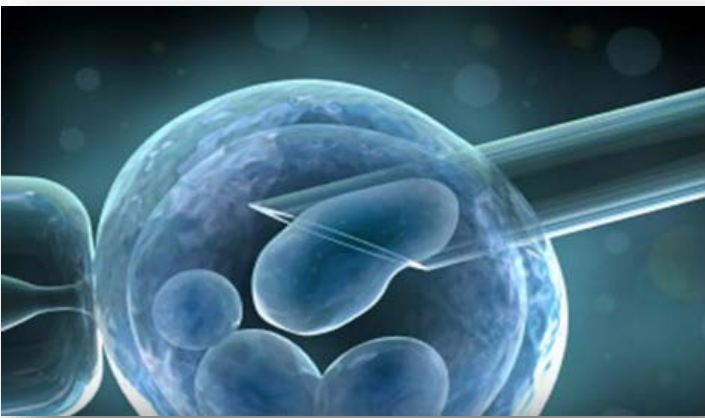
# DER is hiring!



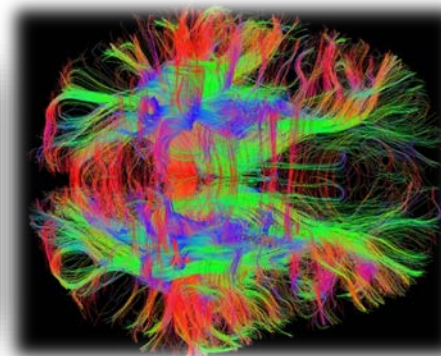
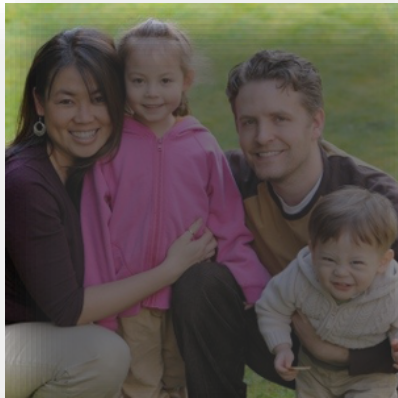
<https://www.nichd.nih.gov/about/jobs>







## Funding the Best Science at NICHD...



to Advance Science & Health for All

