

D&I CAPACITY BUILDING INITIATIVE

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— UC San Diego Altman Clinical and Translational Research Institute Dissemination & Implementation Science Center (DISC)

Mission: Establish UC San Diego as a nationally and internationally recognized flagship for D&I science through training, technical assistance, and research advancement.

Vision: To advance UC San Diego's public health impact locally and globally through D&I science.

- Funded through an initial 3 year investment by Health Sciences (2020-2023)
- Administratively housed within ACTRI to facilitate linkages across Health Sciences

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Mission

Establish UC San Diego as a nationally and internationally recognized flagship for dissemination and implementation (D&I) science through training, technical assistance, community engagement, and research advancement.

Vision

Advance UC San Diego's public health impact locally and globally through D&I science.

Key Activities

Research Advancement

D&I science publications, grants, and opportunities for pilot funding and career advancement.

News & Events

May D&I Journal Club and Works in Progress

Join us for our monthly Journal Club on 5/14 at 2PM PST via Zoom. Drs. Ana Baumann &

Contact Us

Email us at disc@health.ucsd.edu

Tweets by @UCSanDiegoDISC



D&I Capacity Building Project

- Centers focused on D&I training, mentorship, and capacity building have proliferated nationally and internationally in recent years.
- There has yet to be a comprehensive inventory of U.S. and international D&I centers cataloguing information about activities, infrastructure, and priorities.
- This project seeks to identify and describe existing D&I centers and programs and build a compendium of strategies to bolster discrete D&I capacity building efforts.

Related Publications to date

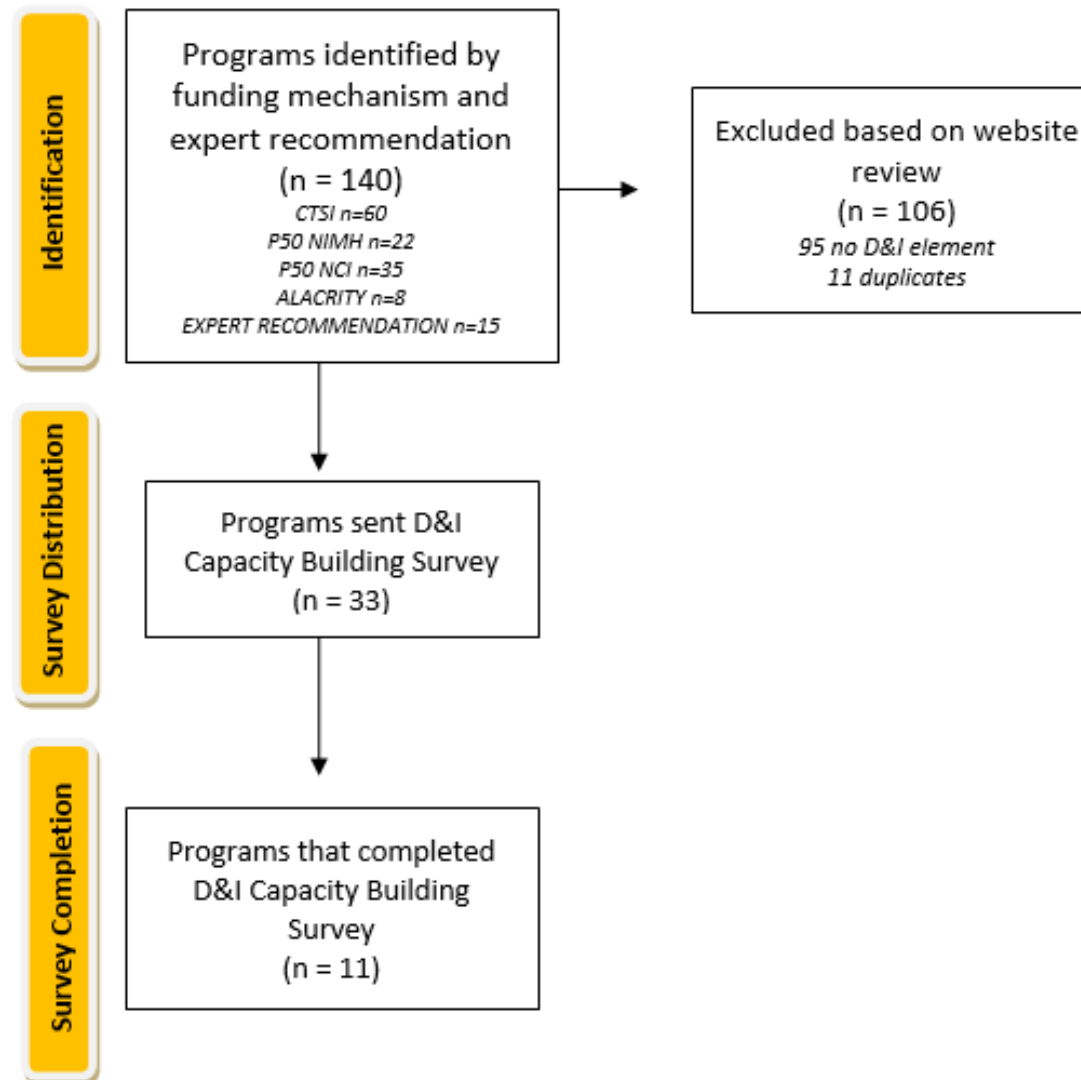
- Darnell, D., Dorsey, C.N., Melvin, A. *et al.* A content analysis of dissemination and implementation science resource initiatives: what types of resources do they offer to advance the field?. *Implementation Sci* **12**, 137 (2017)
- Davis, R., D'Lima, D. Building capacity in dissemination and implementation science: a systematic review of the academic literature on teaching and training initiatives. *Implementation Sci* **15**, 97 (2020).

- **WHAT ARE WE MISSING???**

Under development:

- Amy Huebschmann, Borsika Rabin, Ross Brownson and team: graduate programs for D&I internationally and competencies for D&I
- Rachel Davis: Reporting criteria for D&I capacity building initiatives

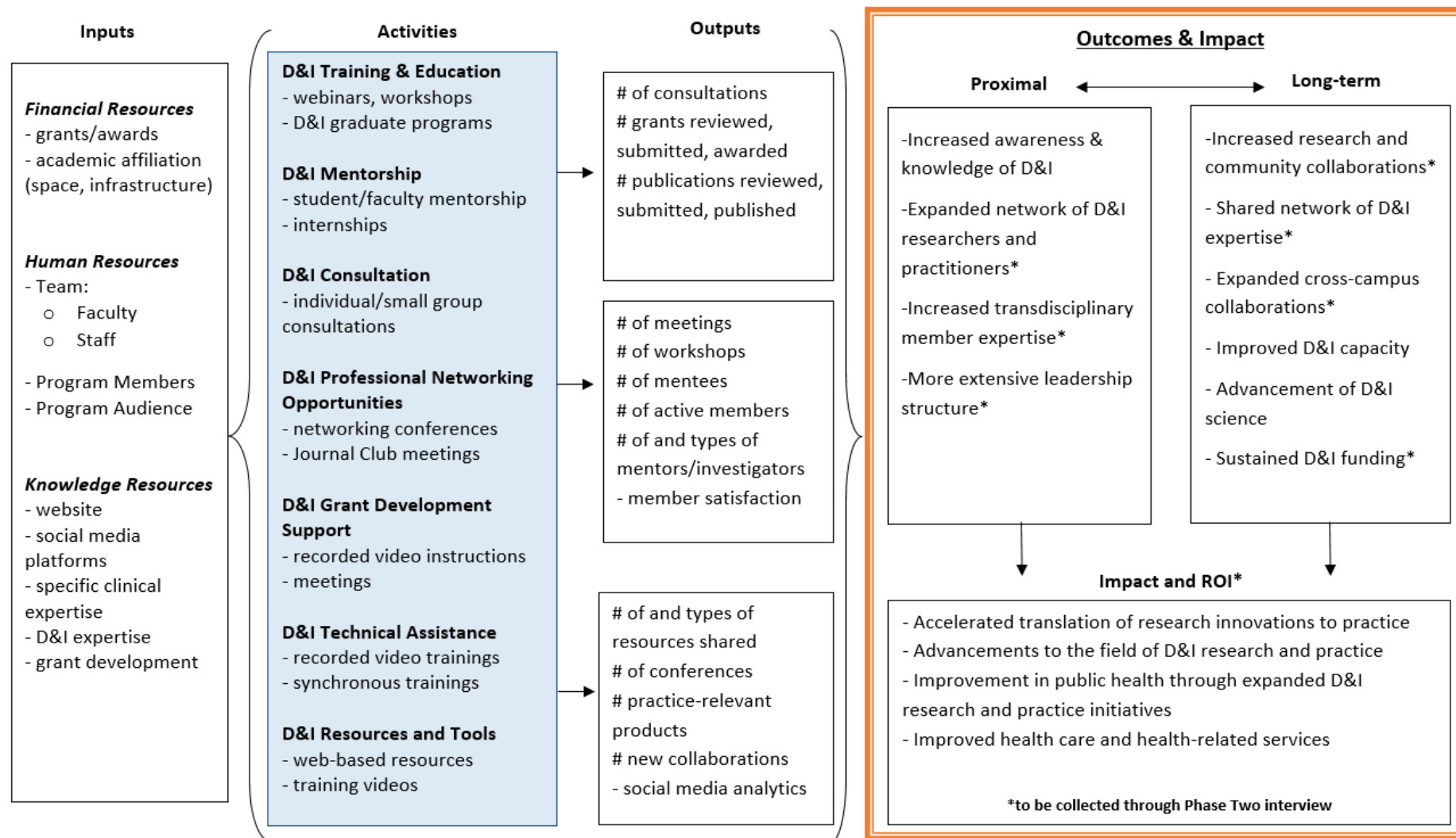
Phase 1 Search Algorithm



Methods

- A targeted review of NIH Reporter awarded centers (e.g., NIMH or NCI P Centers) and review of relevant CTSA sites through Google searches and expert recommendation
- Systematic screening of center and program websites for D&I activities and relevance
- Online distribution of D&I Capacity Building Survey to assess inputs, activities and outputs using domains from the Brownson et al. (2017) D&I Capacity Building Model

D&I Capacity Building Logic Model



¹Adapted from Brownson, Proctor, Luke, Baumann, Staub, Brown & Johnson (2017). Building capacity for dissemination and implementation research: one university's experience. *Implementation Science*, 12:104.

D&I center webpage review

D&I Centers & Programs (n=33)	n (%)
Based in US	27 (82)
International	6 (18)
Academic-affiliated	29 (88)
CTSI/CTSA	18 (55)
D&I Activities (n=33)	
Training and Education	29 (88)
Mentorship	24 (73)
Consultation	26 (79)
Grant Development	23 (70)
Resources and Tools	23 (70)

D&I capacity building survey

D&I Centers & Programs (n=11)	n (%) or M (SD)
Based in US	10 (91)
Academic-affiliated	10 (91)
Organizational Structure (n=10)	
# Faculty	3.4 (2.6)
# Staff	4.7 (8.9)
D&I Activities (n=11)	
Training and Education	8 (73)
Mentorship	8 (73)
Consultation	8 (73)
Grant Development Support	8 (73)
Technical Assistance	7 (64)
Resources and Tools	7 (64)
Professional Networking	6 (55)

Next steps

- Phase 2 (ongoing) includes an advanced algorithmic Google Search of 6,850 webpages to identify D&I centers
- Phase 3 will include additional distribution of the D&I Capacity Building Survey and interviews with a subset of programs to examine Outcomes & Impact domains from the Brownson et al (2017) D&I Capacity Building Model
- Products:
 - Database of D&I Programs with key descriptors
 - Publication
- Timeline: Phase 3 complete by summer/fall 2021

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