

Shifting the Siloed Research Paradigm: Facilitating Interdisciplinary Research (IDR) Teams

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Why IDR?

Interdisciplinary research (IDR) is part of the new funding reality, and **targeted research support** leads to effective, innovative IDR teams, particularly at institutions like BYU that focus on undergraduate teaching and mentoring.



Utilizing these strategies, Research Development professionals at BYU have facilitated interdisciplinary research, resulting in increased collaboration across the university

Creative Space

Allocate a **dedicated space** that can be used by Interdisciplinary Research Teams to convene collaborative discussions.



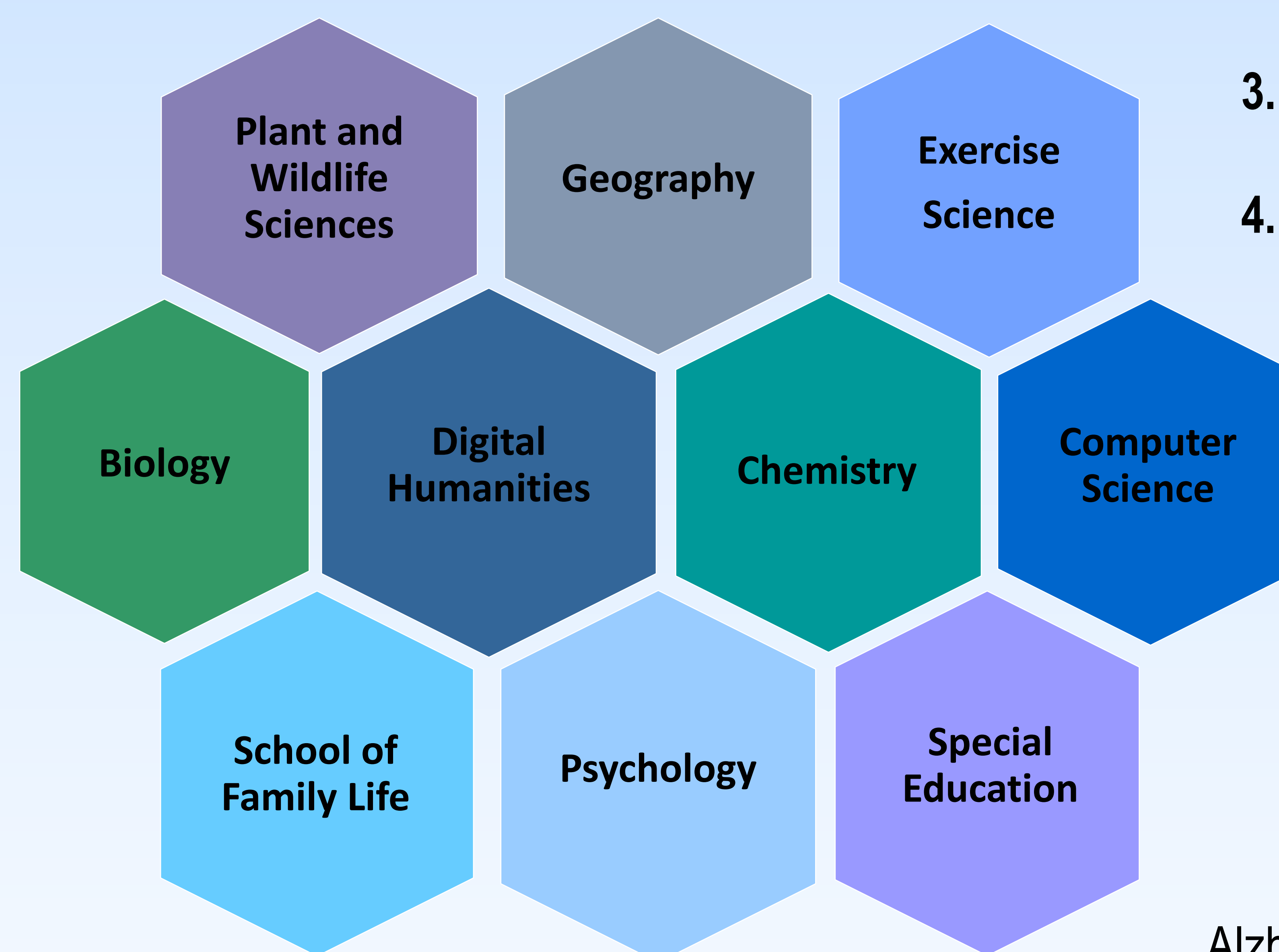
RD Support identifies potential team members and funding opportunities, schedules and conducts meetings, holds training workshops, and supports proposal writing.

Research Networking

Annual Research Networking Event



Faculty provide 3-minute research presentations to other faculty from across the university, followed by a networking luncheon. Research Development facilitates follow-up discussions.



Networking Success to Date

- 6 events
- 400 faculty participated
- 200 presenters from 25 departments in 6 colleges
- 85% found the event useful
- Over 50% connected with potential collaborators

Seed Funding

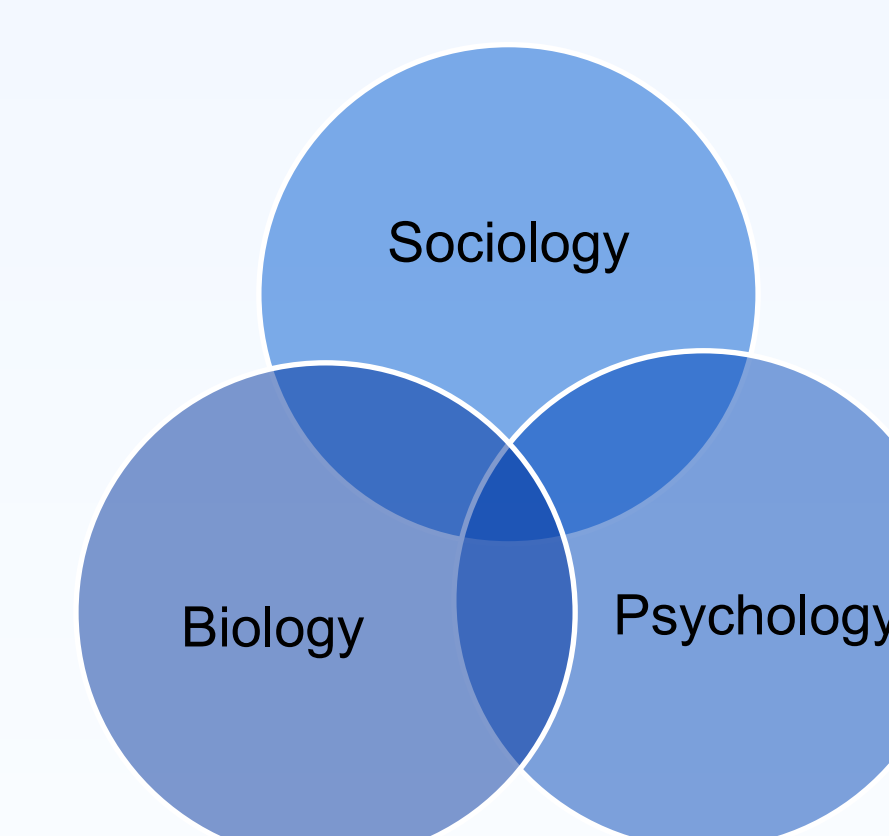
BYU Research VP dedicated \$720,000 (\$120,000 per project over two years) to initiate IDR efforts

Lessons Learned

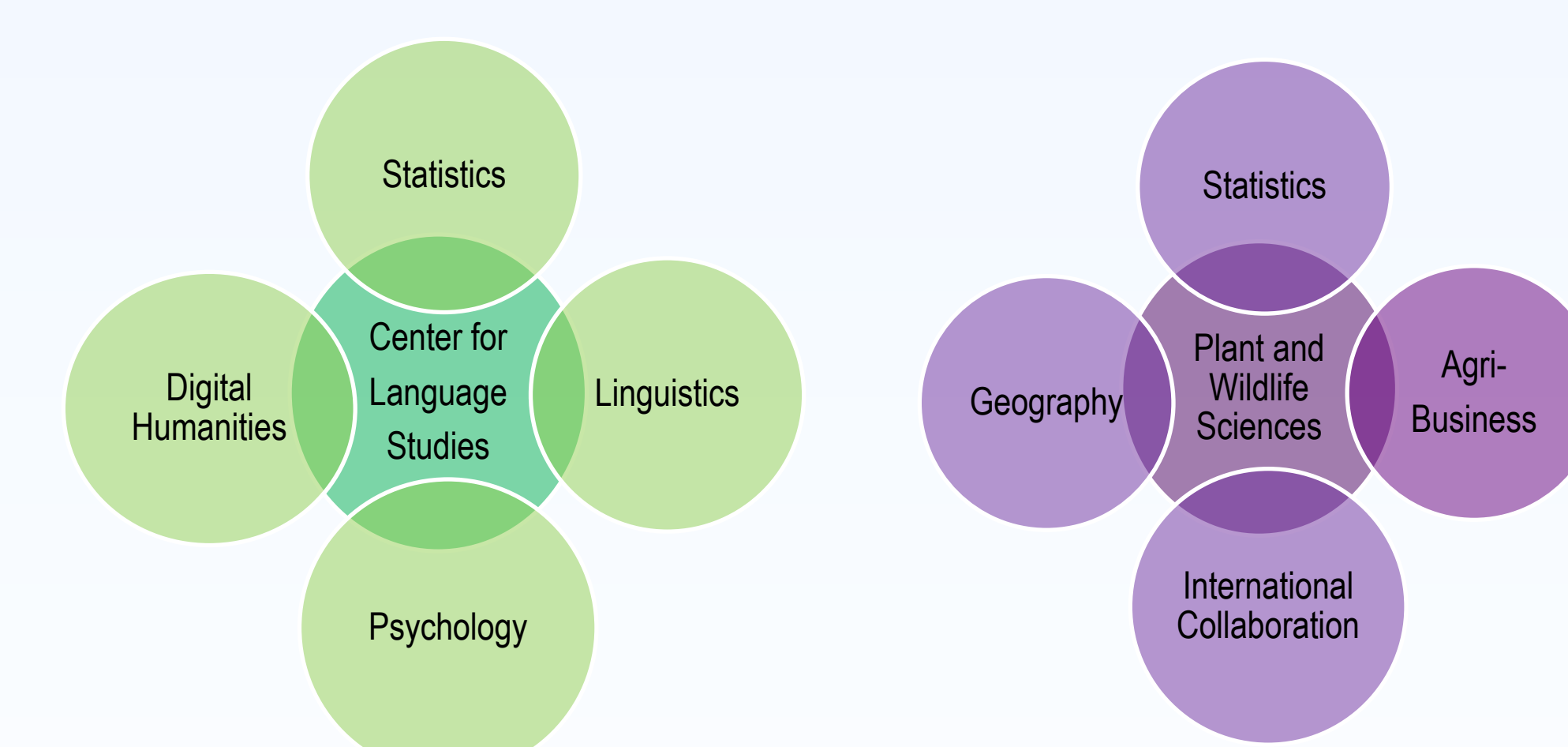
- Catalyze team formation with significant seed funding.**
 - After 1st year seed funding was announced, IDR activity expanded to 38 teams with 100 participants in 36 departments from 8 different colleges.
- Make it easy to apply.**
 - Use a short application with sufficient detail to support review by non-experts.
- Ensure a fair selection process** that considers all disciplines equally.
- Build an IDR future.** Following the IDR competition, BYU research developers
 - will continue to support teams in preparing quality external grant applications,
 - work with all IDR groups to find other sources of funding and prepare for next round of seed funding,
 - facilitate the formation of new IDR teams.

IDR Origination Award projects at BYU provide opportunities for faculty and student **mentoring across the disciplines**

Alzheimer's Research



Water Conservation



Second Language Acquisition



BYU

David O. McKay
School of Education

STEM

Research
Development

FHSS

Research
Development

