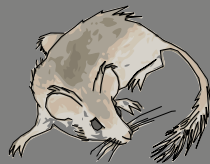


CONNECTED DATA STANDARDS FOR INTERDISCIPLINARY SCIENCE PALEON, NEOTOMA, THROUGHPUT

Simon Goring, Stephen Richard, Jack Williams, Andria Dawson



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON



EARTH CUBE
TRANSFORMING GEOSCIENCES RESEARCH



RELATED PRESENTATIONS

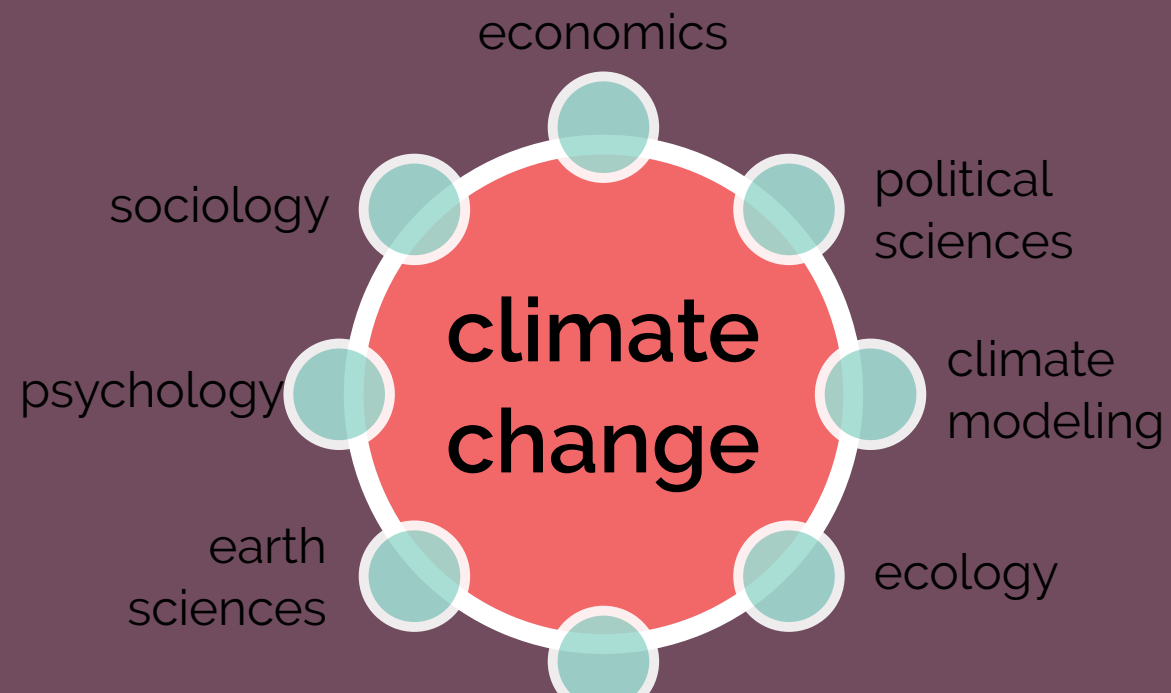
- **IN33C Posters:**

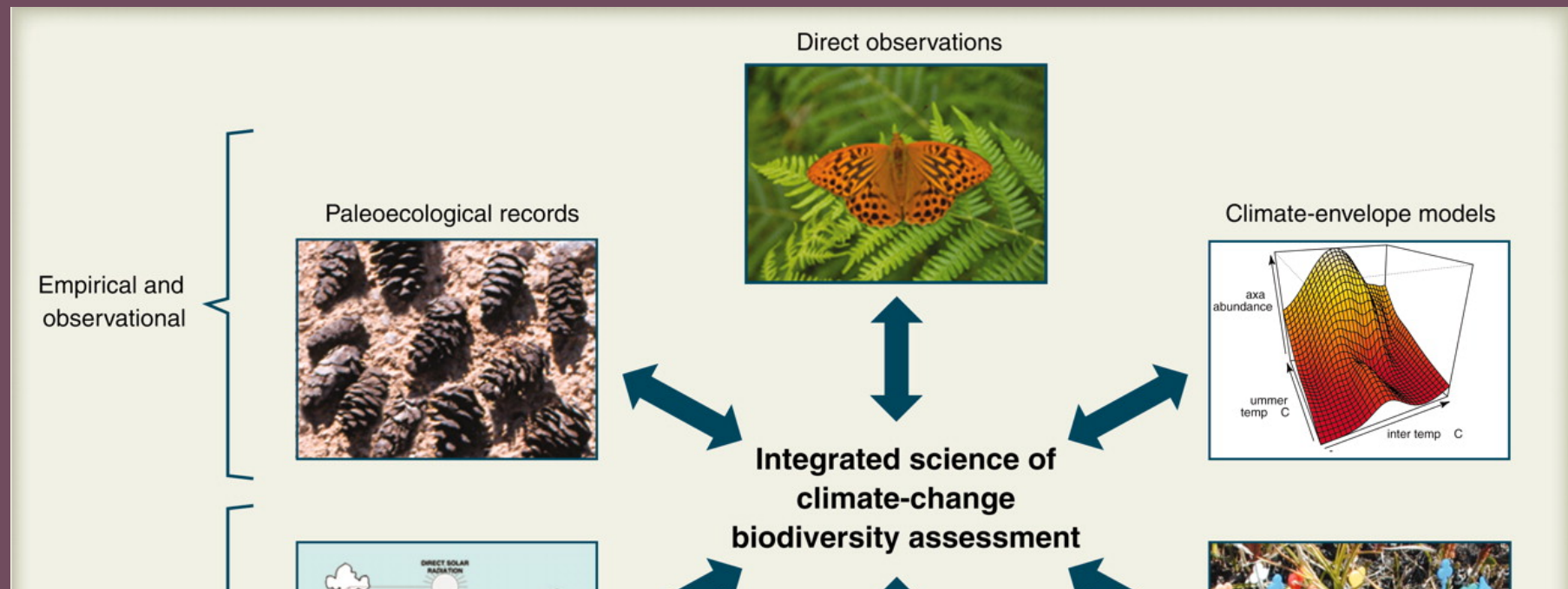
Facilitating Interdisciplinary Geosciences by Limiting Data Friction: Approaches and Outcomes - Wednesday, 13 December 2017 @ 13:40 - 18:00

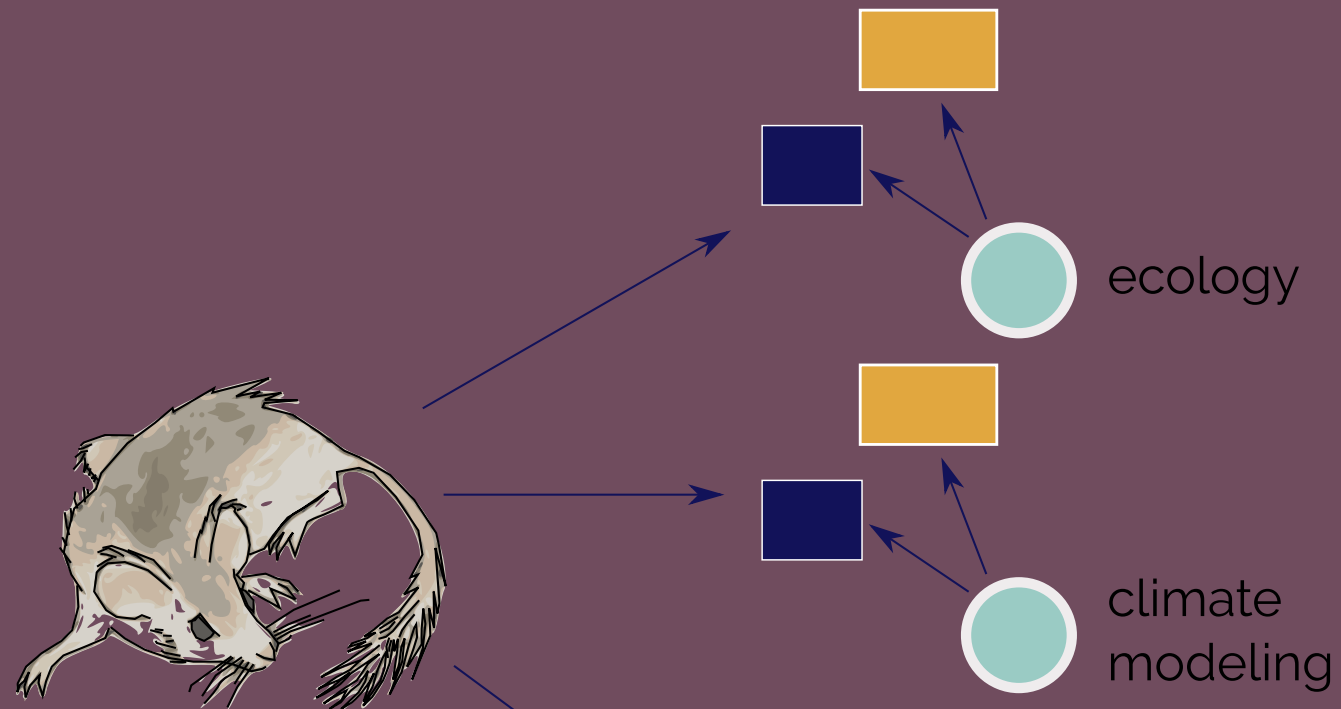
- **EarthCube TownHall**

- **PalEON and Neotoma (Dawson)**

DATA FRICTION IS A
"TIME-TO-SCIENCE" PROBLEM







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All recognize metadata's potential value, but when the rubber meets the road, an unfunded mandate to be altruistic . . . does not prove highly attractive. **Introduced in order to reduce data friction, metadata creates its own kind of friction.**

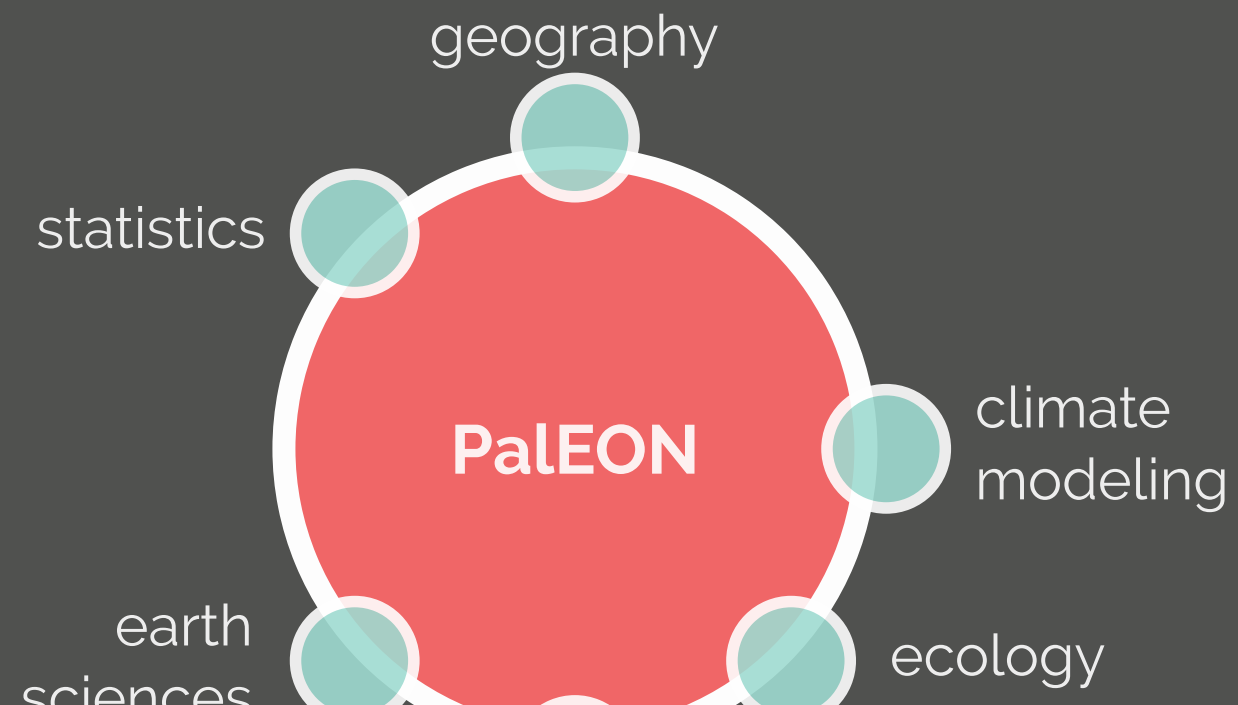
Edwards *et al.* 2011. *Social Studies of Science*

RESEARCHER

!=

INFORMATICIAN

CONNECTIONS & DESIGN PRINCIPLES MUST
BE FLESHED OUT.



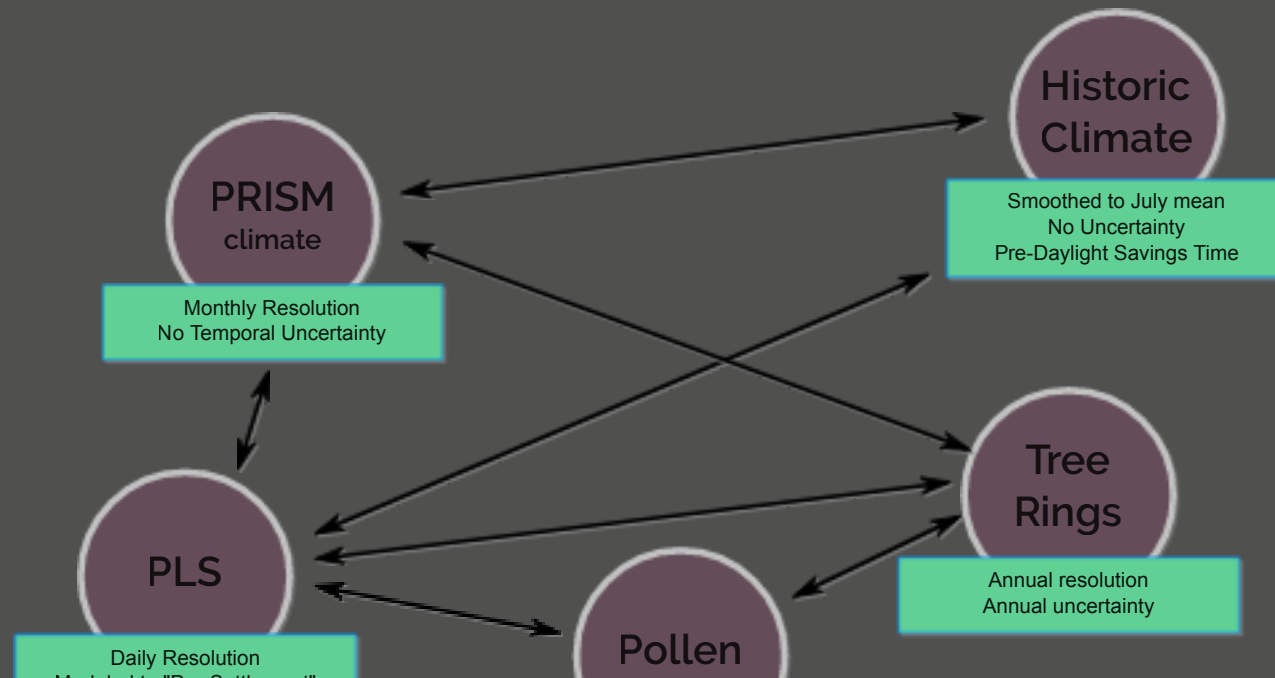
Varying Concepts of Time

Varying Provenance

Varying Spatial Representation

Varying Applications

CONCEPTS OF TIME VARY

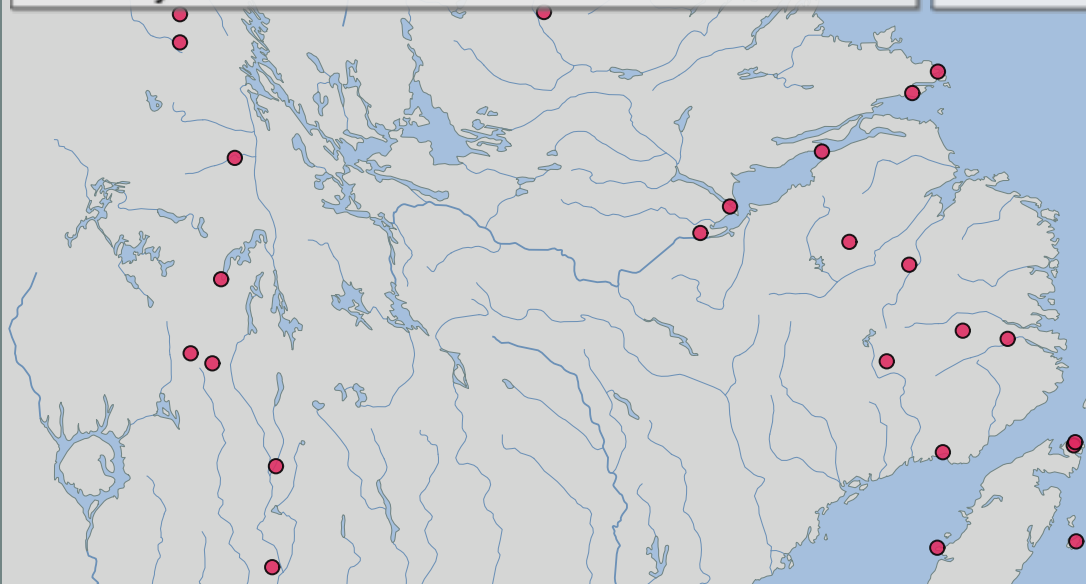


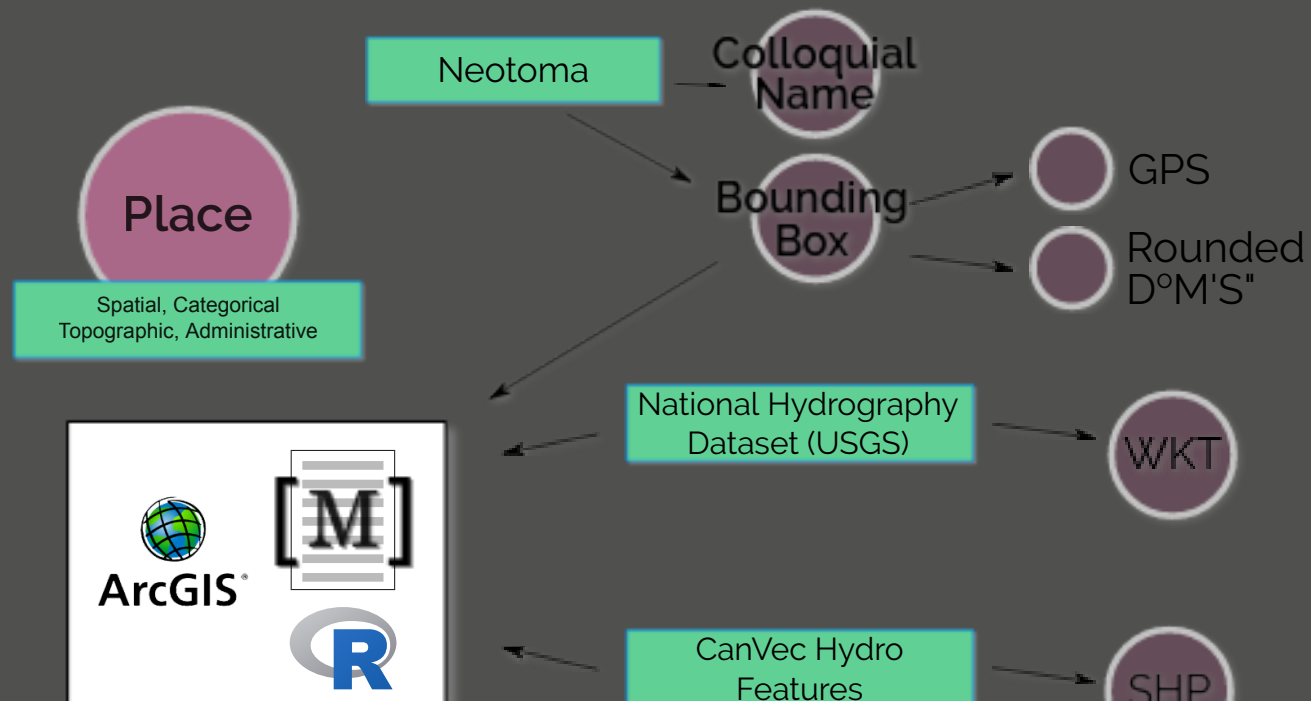
Neotoma Lake Sediment Records

Base Layers from Natural Earth

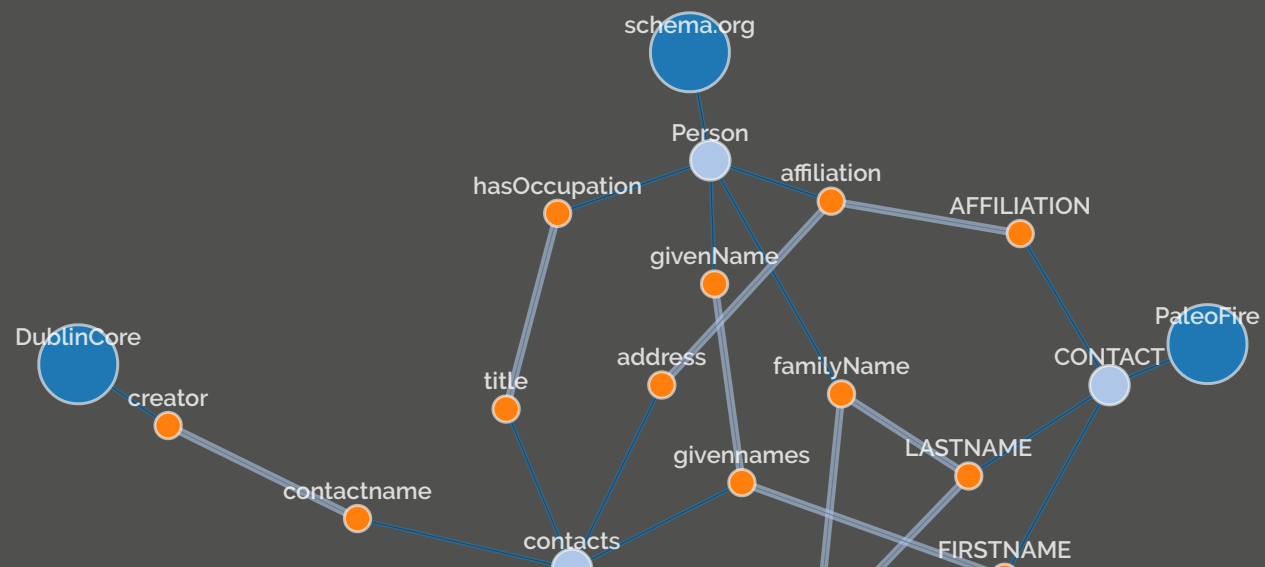
Legend

- Netoma Sedimentary Records

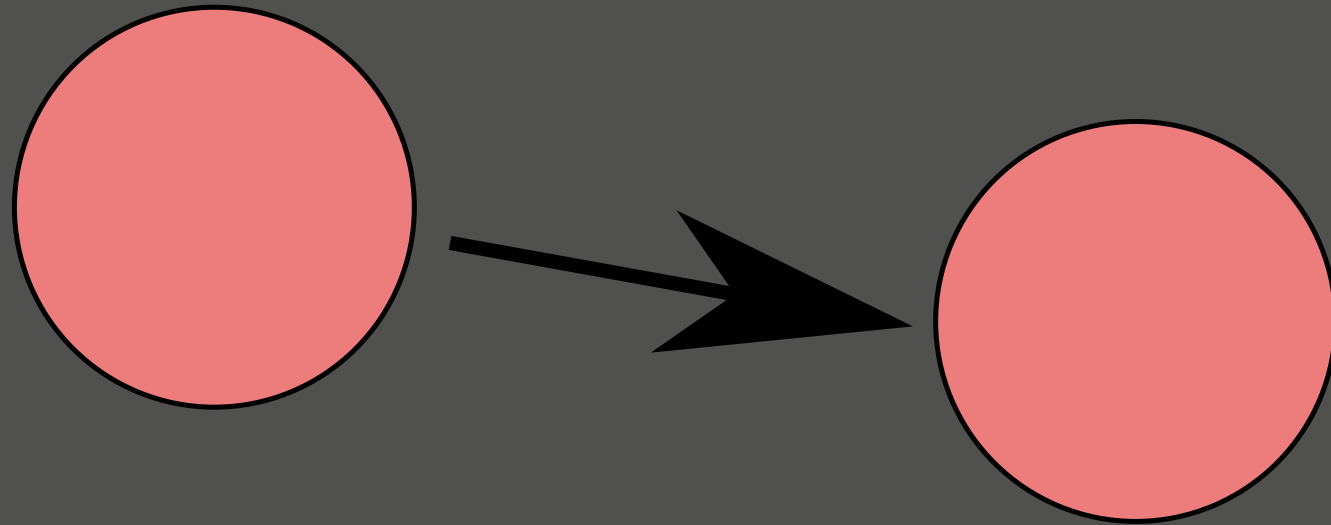




CONNECTING STANDARDS



DISCIPLINARY BRIDGES



Call

