



Transforming the Future of Post-Acute Care



OUR PRESENTERS



Hank Adams



Barry Fleischer

WHEN #1 ISN'T GOOD ENOUGH

Rehabilitation Institute of Chicago

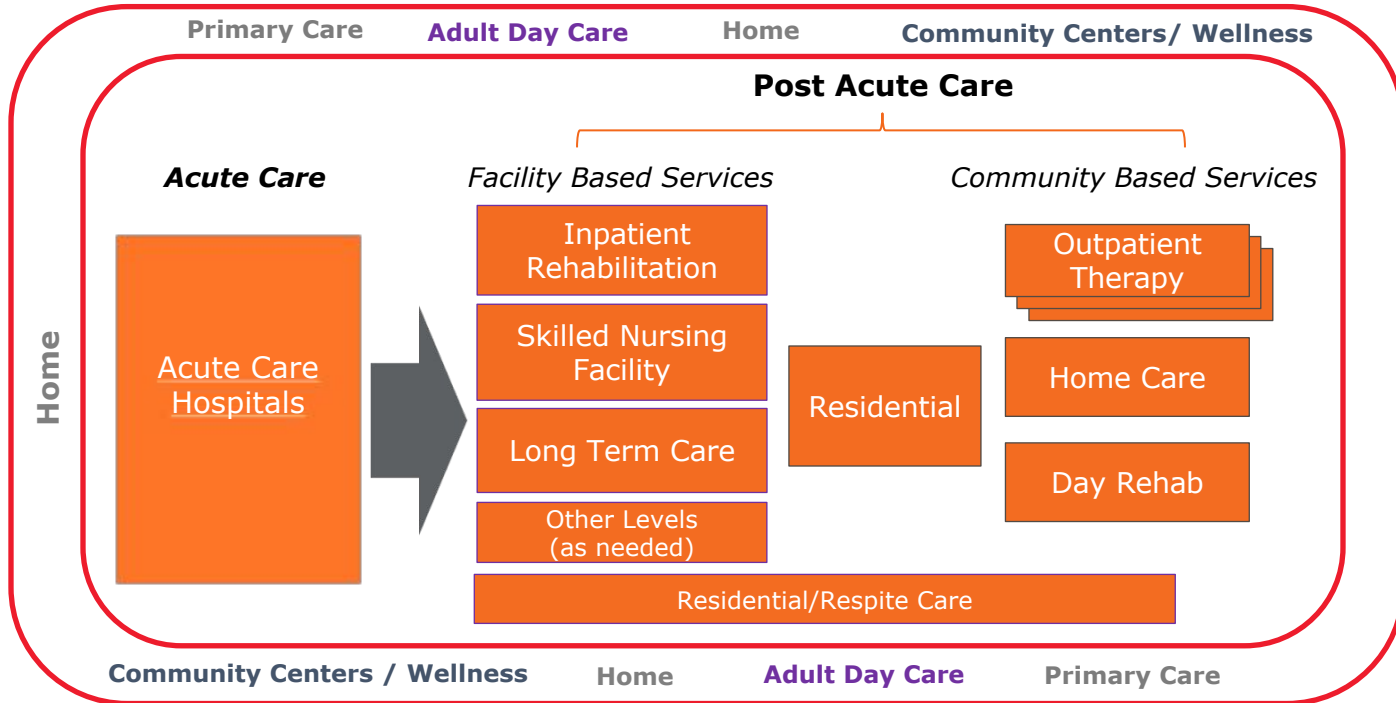


#1 Clinical Care

#1 Rehabilitation Research



POST ACUTE CARE ECOSYSTEM



IT'S NOT ABOUT THE PATIENT

*It's about the
patient outcome.*



PATIENTS



CLINICIANS



RESEARCHERS



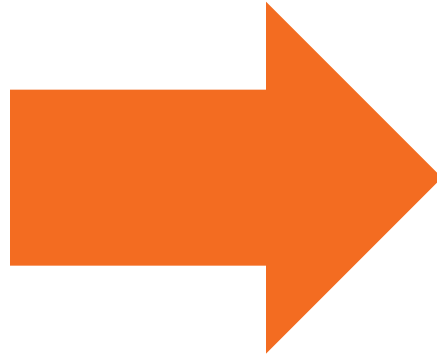
HOW WE SEE
**TRANSLATIONAL
MEDICINE**

TYPICAL
**INDUSTRY
PRACTICE**

NEW CARE
MODEL

17 years

86%



Immerse **scientists** and **engineers** with **doctors**, **therapists**, **nurses** around the **patients**

24/7/365

A microscopic view of cells, showing a grid of cells with red and yellow nuclei, set against a white background. The cells are arranged in a regular pattern, and the image is partially obscured by a diagonal orange band.

Translation is the process of identifying a new approach or therapy to improve a health need in patients or populations, developing and validating it, then taking it to application in patients and into broader use.

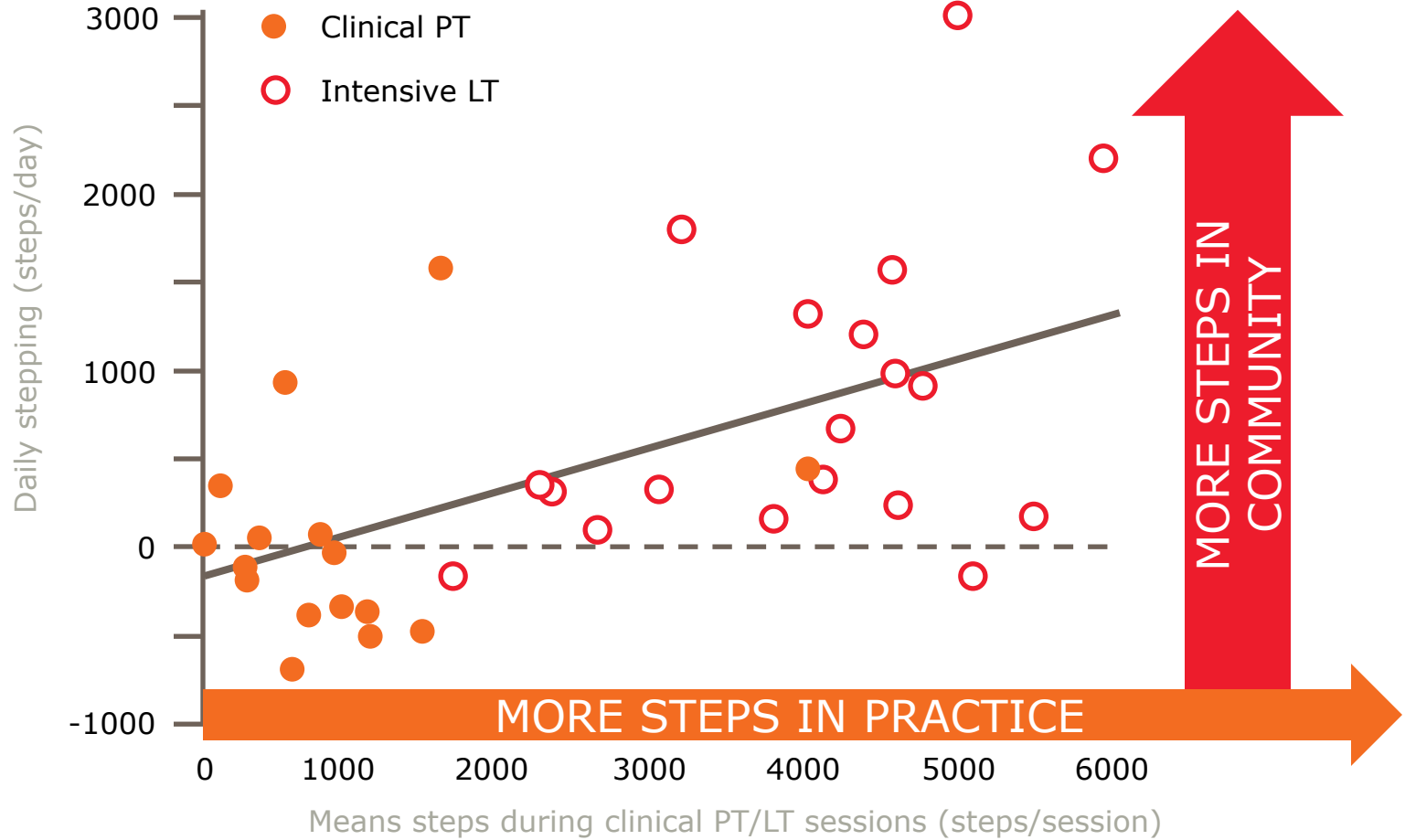
HDR Definition

The Shirley Ryan AbilityLab was designed explicitly as a **catalyst** for Translational Medicine

PROTOTYPING
INNOVATION



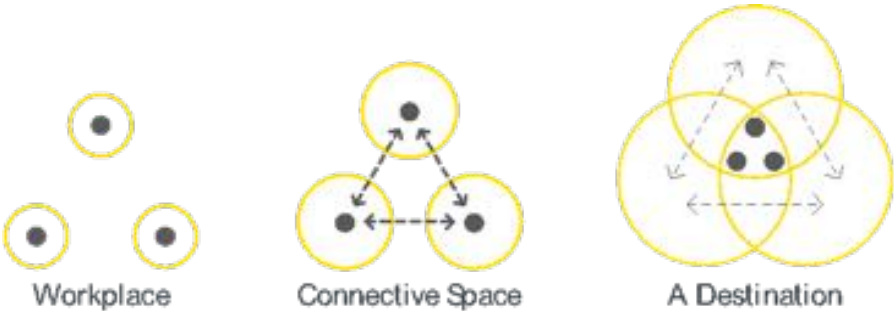




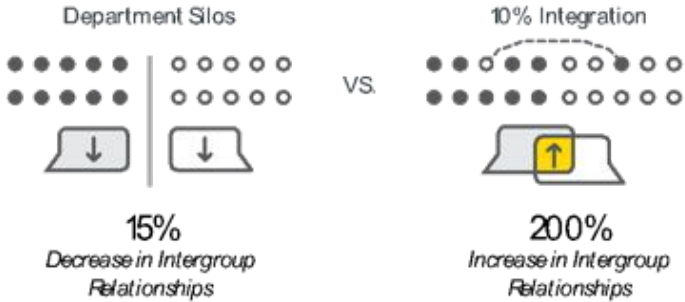
FROM CONCEPT
TO PRACTICE

TRANSLATIONAL HEALTH SCIENCE

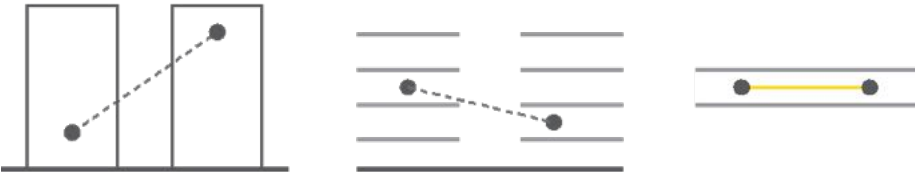
MAKING THE RIGHT CONNECTIONS



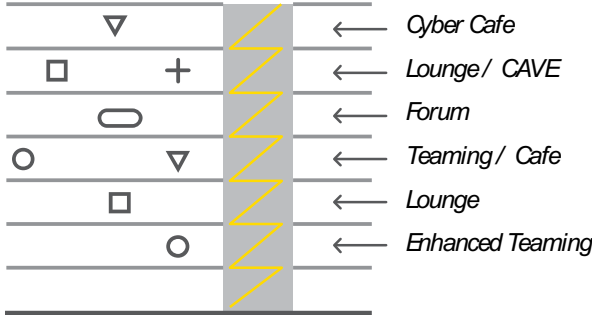
MOVEMENT



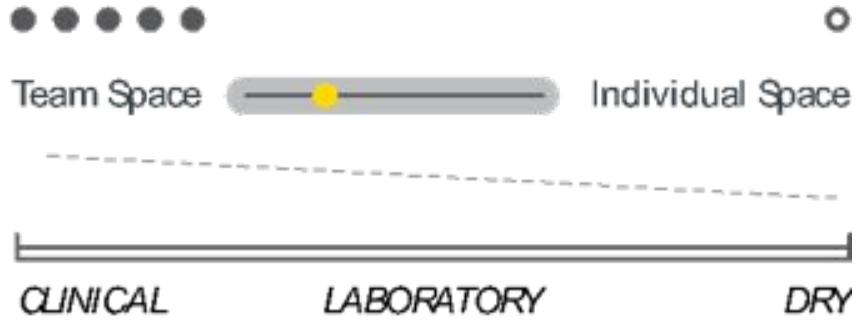
PROXIMITY MATTERS



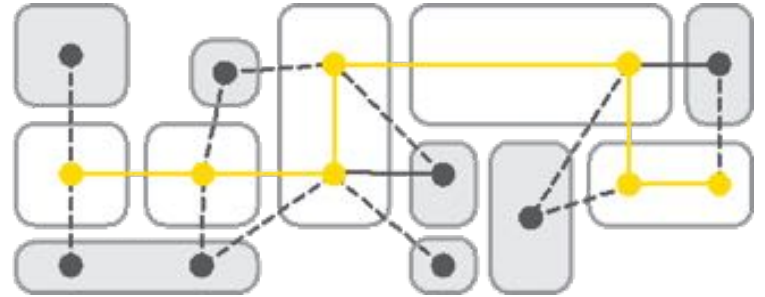
VERTICAL SPINE



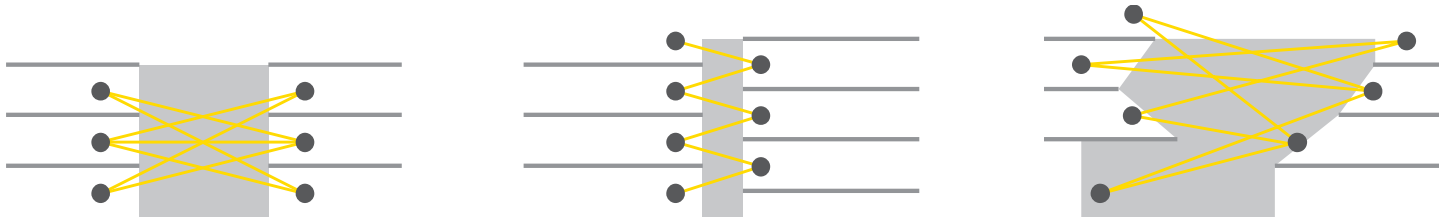
WORKSPACE

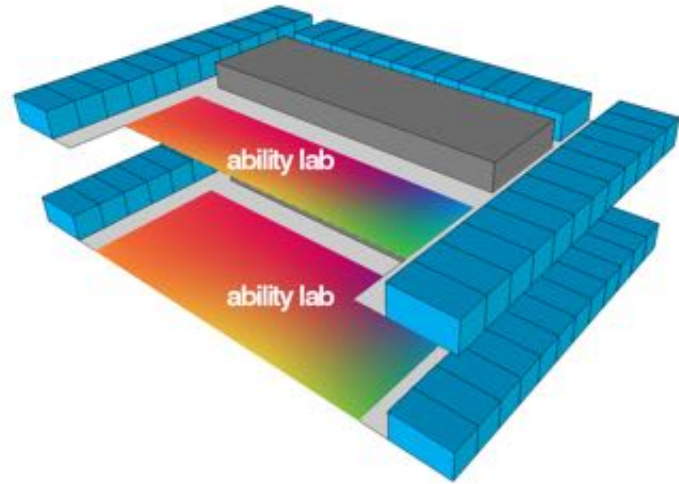


HORIZONTAL INTEGRATION



VERTICAL INTEGRATION





WHAT IS AN **ABILITYLAB?**

Floor 23
Legs + Walking Lab Lower Level



Floor 24
Legs + Walking Lab Upper Level



Level 23

Legs + Walking



AbilityLab

Support Core

**Patient
Rooms**

SCALE
FOR GROWTH

A NEW CARE MODEL

Innovation Centers

Ability Labs

BRAIN

THINK + SPEAK LAB

LEGS + WALKING LAB

SPINAL CORD

ARMS + HANDS LAB

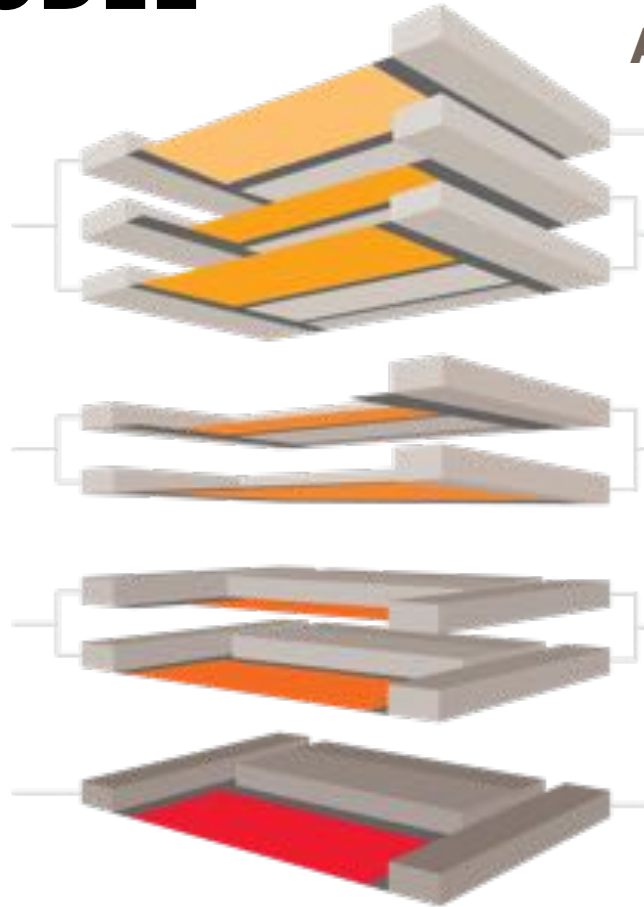
NERVE, MUSCLE & BONE

STRENGTH + ENDURANCE LAB

PEDIATRIC

PEDIATRIC LAB

CANCER
THROUGHOUT



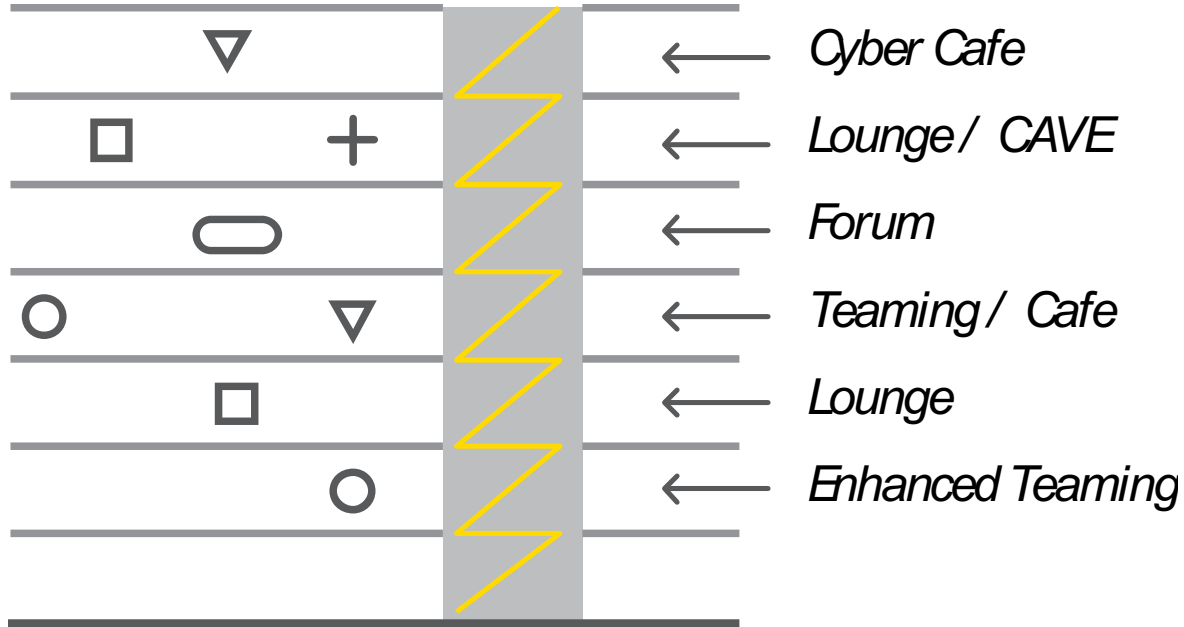
WHAT DOES THIS
LOOK LIKE?



Shirley Ryan
Abilitylab[®]

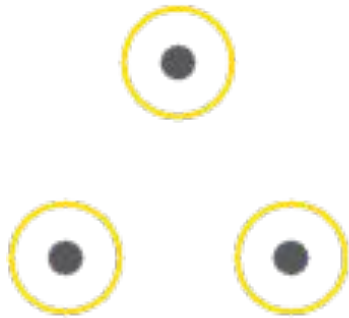


VERTICAL SPINE

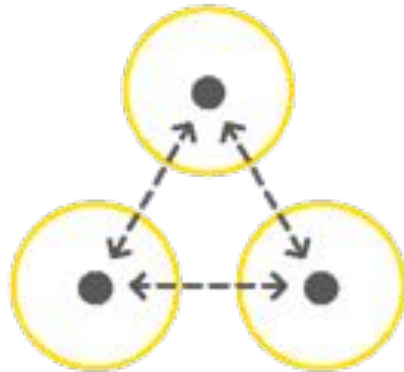




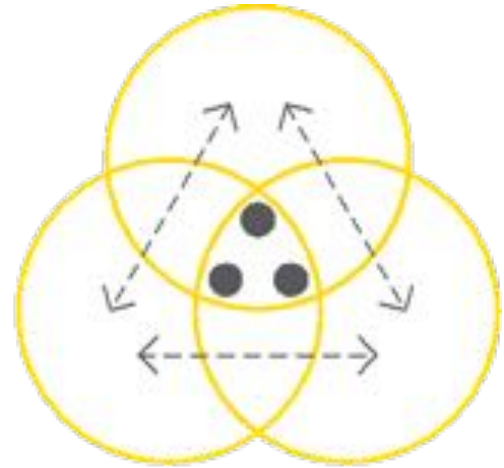
MAKING THE **RIGHT** CONNECTIONS



Workplace



Connective Space



A Destination

Level 10

Sky Lobby & Conference Center

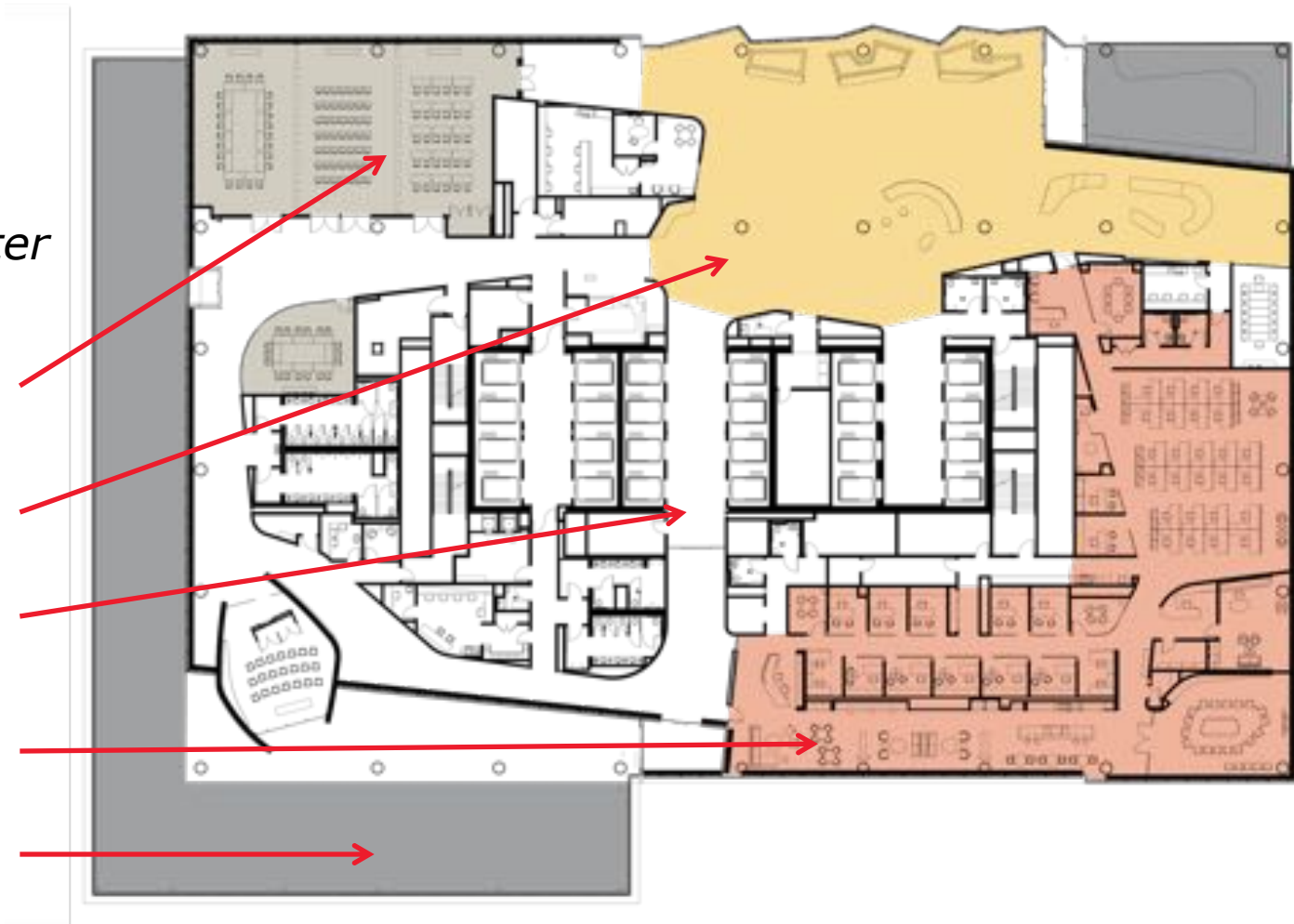
Conference

Sky Lobby

Support Core

Administration

Gardens





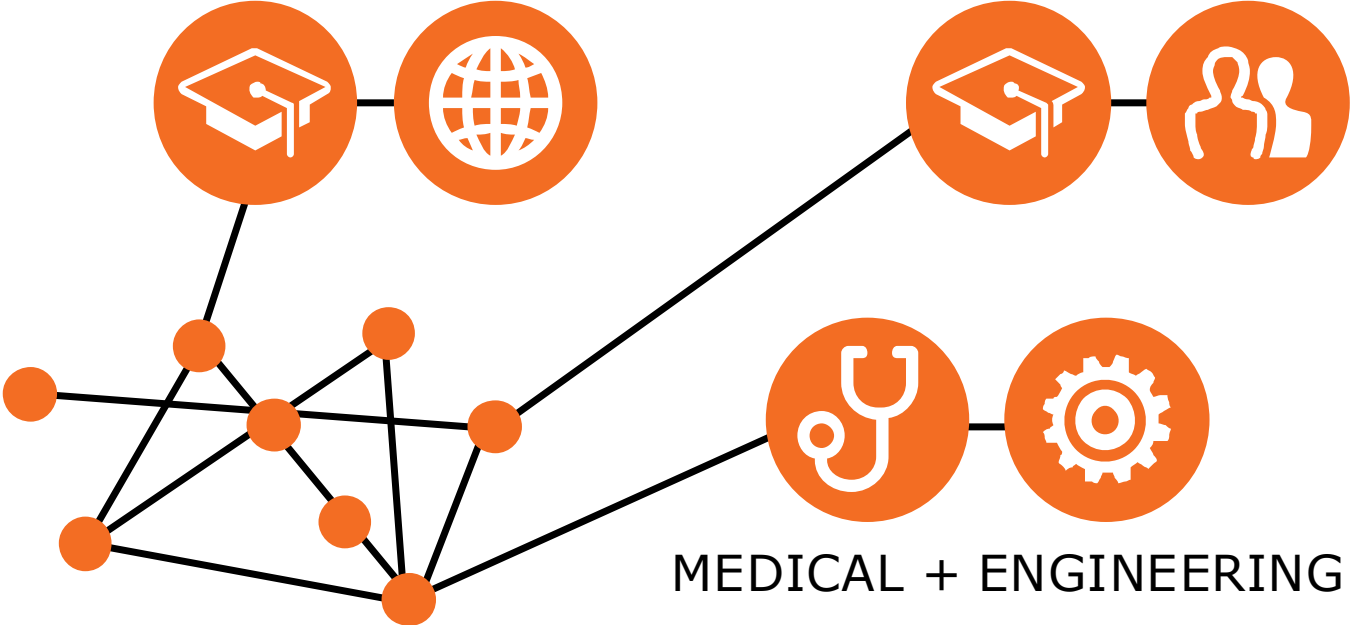




DIVERSE NETWORKS

ACADEMIC + CORPORATE

ACADEMIC + COMMUNITY



MEDICAL + ENGINEERING

Level 11

Center for Bionic Medicine

**Prosthetics
+ Orthotics**

Support Core

Bionics

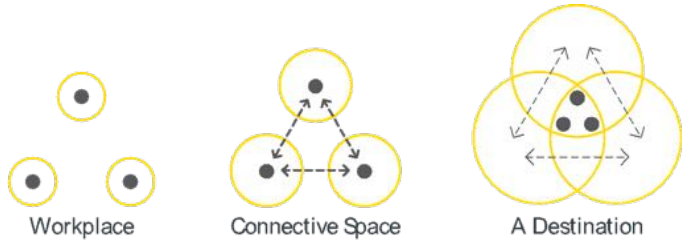




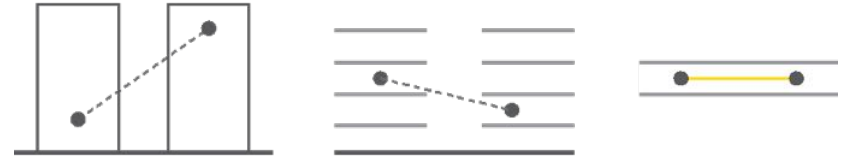


Courtesy of DEKA Research & Development and
The Rehabilitation Institute of Chicago

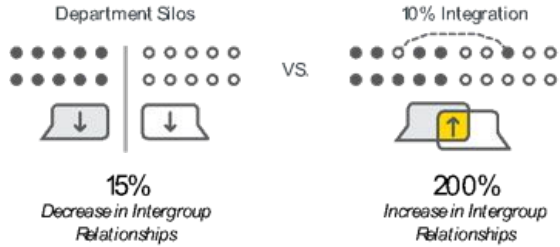
MAKING THE **RIGHT** CONNECTIONS



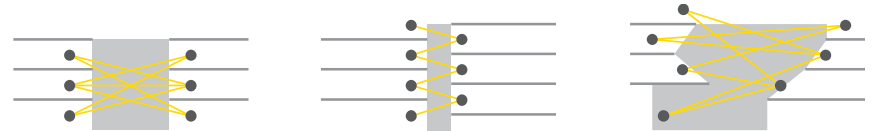
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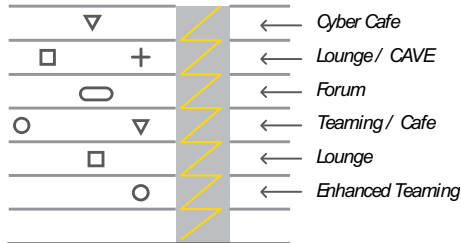
MOVEMENT



VERTICAL INTEGRATION



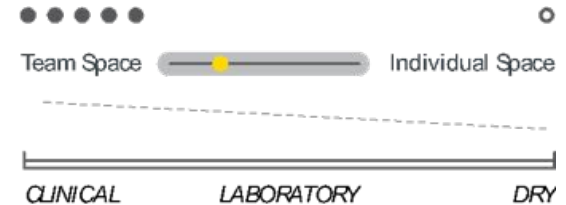
VERTICAL SPINE



HORIZONTAL INTEGRATION

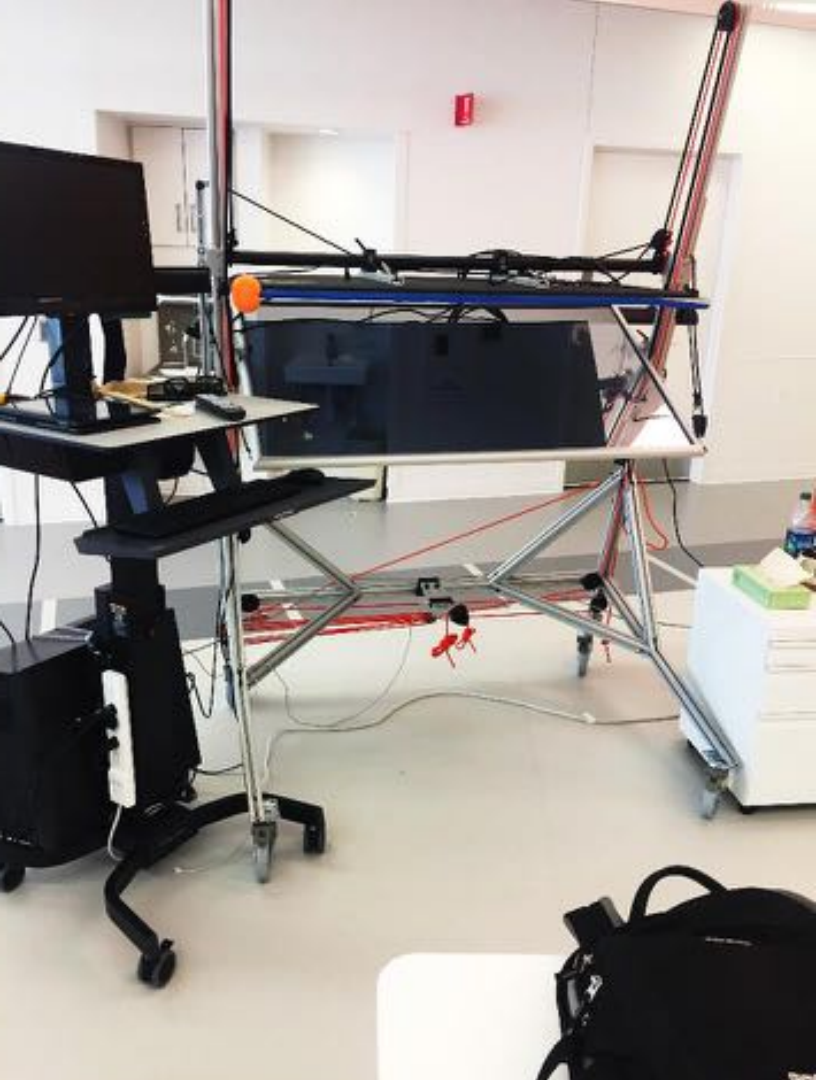


WORKSPACE











PAST
TRANSLATIONAL
TO
TRANSFORMATIONAL









TAKEAWAYS

- Strategy and care model drives design
- Design is informed by research, tested through prototyping
- Take risks, fail fast
- Include the patient – our ultimate customer
- Translational is more than bench to bedside

