Fall 2015

Healthy Living Environments

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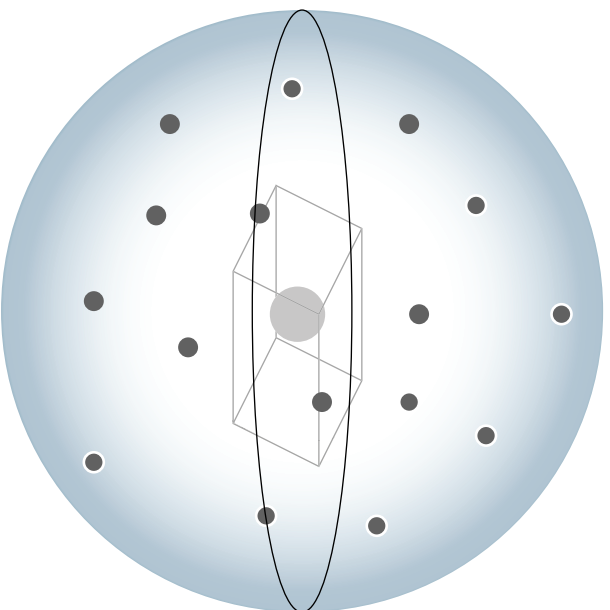*Portland State University*

ZGF

Recommended Citation

Taeb, Tina; Schahfer, Ashley; and ZGF, "Healthy Living Environments" (2015). *Research-Based Design Initiative*. 65.

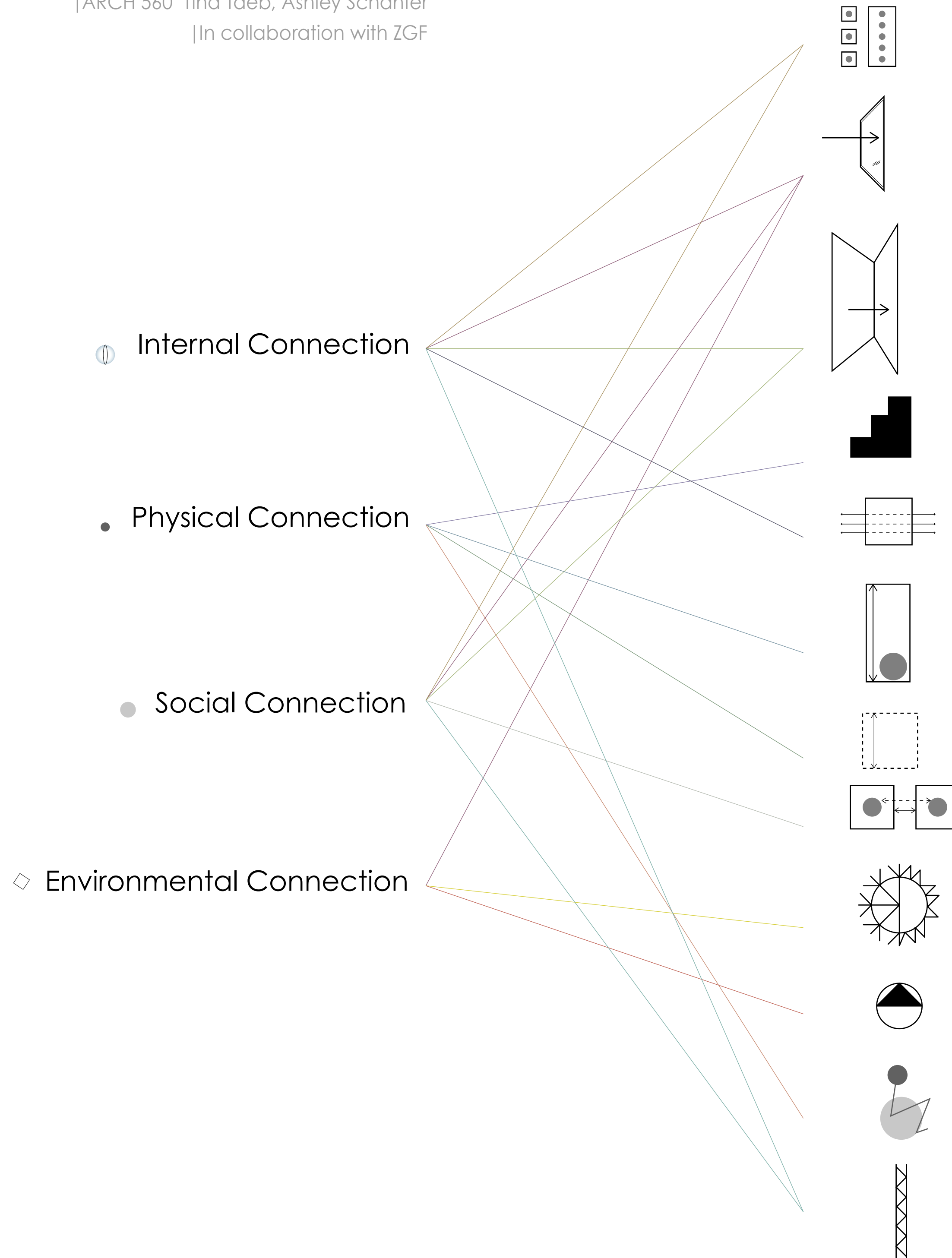https://pdxscholar.library.pdx.edu/research_based_design/65
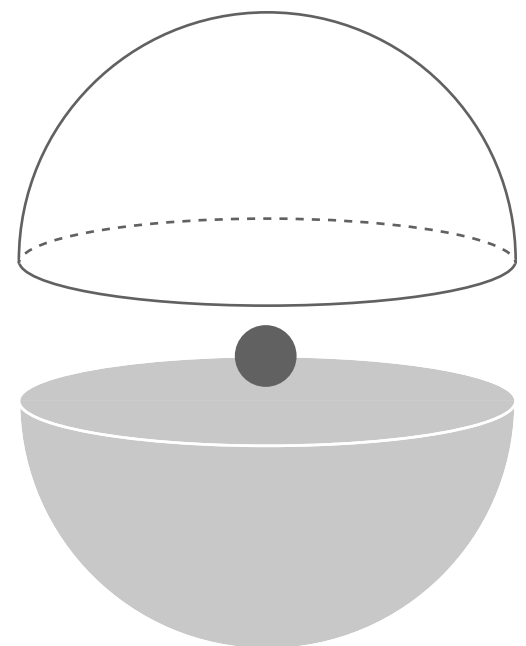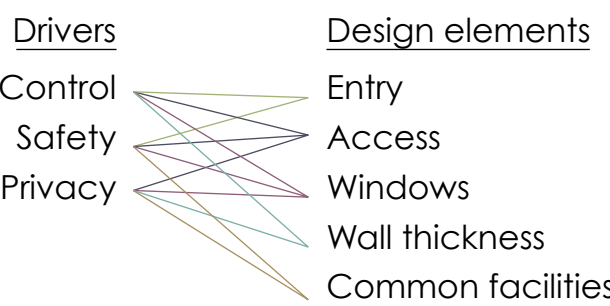
HEALTHY LIVING ENVIRONMENTS
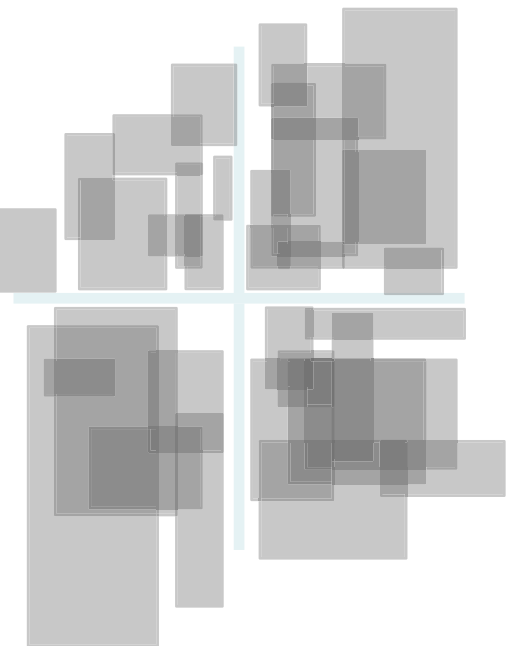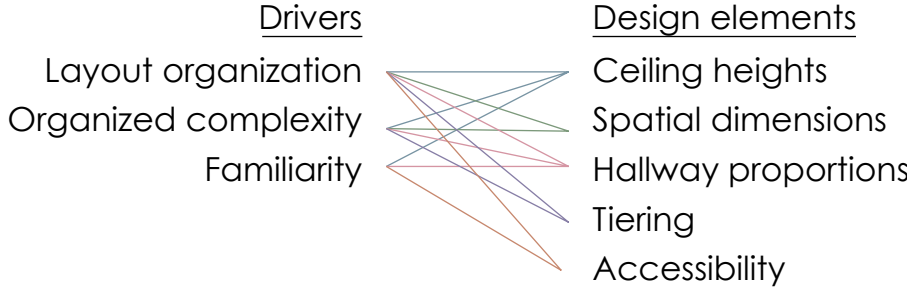
PORTLAND STATE UNIVERSITY ::
SCHOOL OF ARCHITECTURE
|ARCH 560 Tina Taeb, Ashley Schahfer
|In collaboration with ZGF
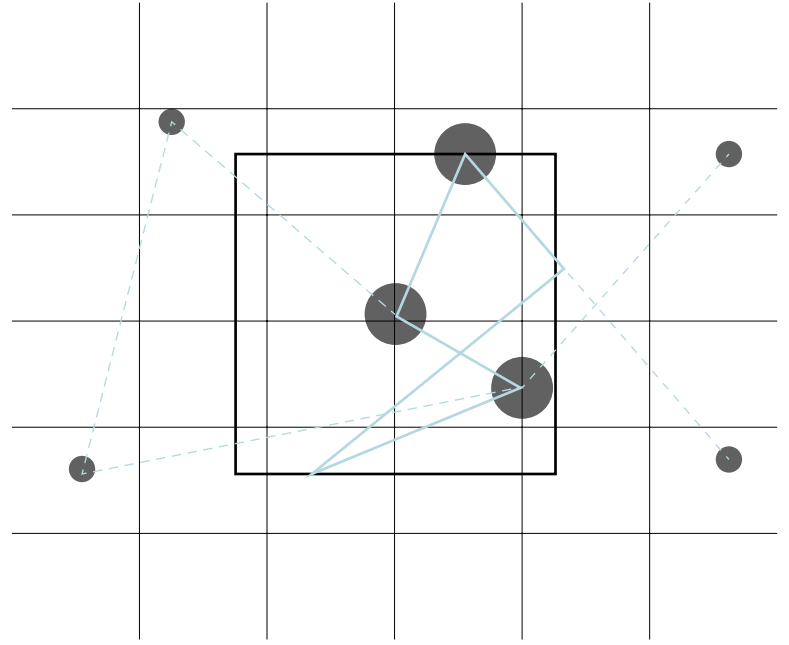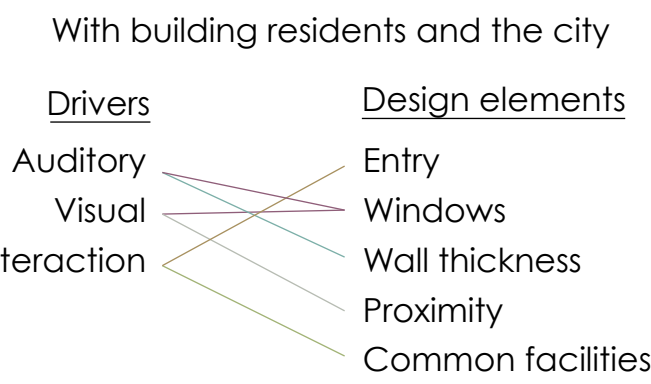
Internal Connection
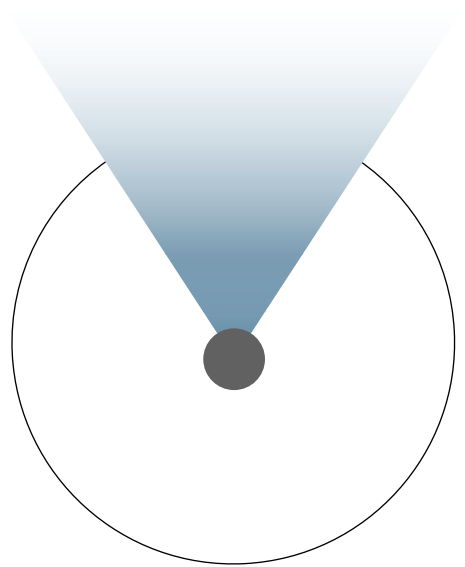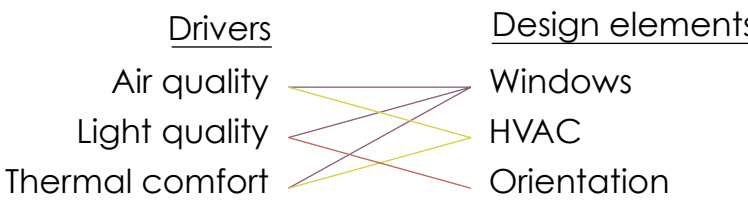
Physical Connection

Social Connection
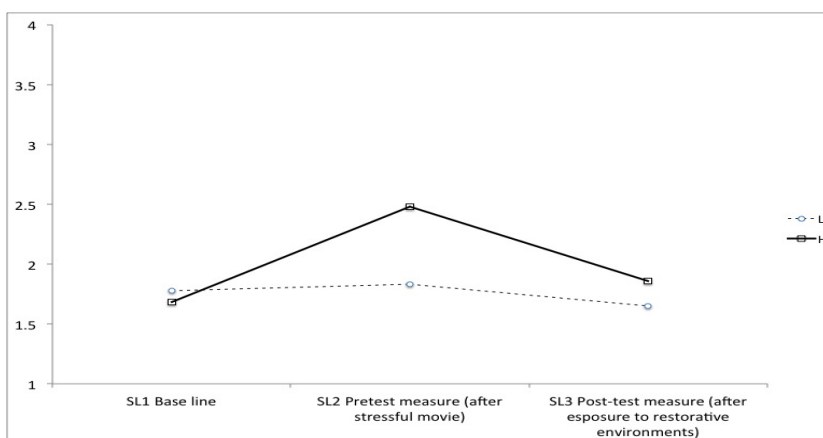
Environmental Connection

Internal Connection:

Drivers	Design elements
Control	Entry
Safety	Access
Privacy	Windows
	Wall thickness
	Common facilities

Physical Connection:

Drivers	Design elements
Layout organization	Ceiling heights
Organized complexity	Spatial dimensions
Familiarity	Hallway proportions
	Tiering
	Accessibility

Social Connection:

With building residents and the city

Drivers	Design elements
Auditory	Entry
Visual	Windows
Interaction	Wall thickness
	Proximity
	Common facilities

Environmental Connection:

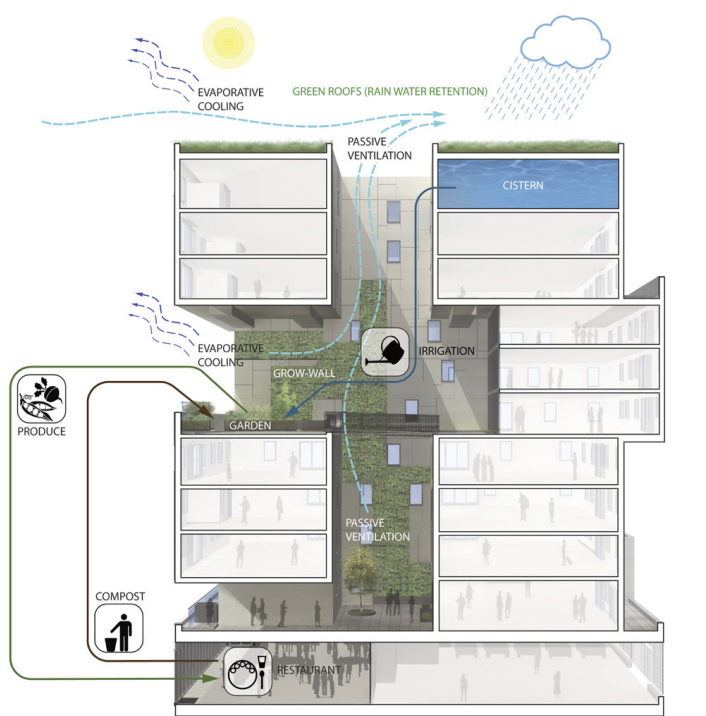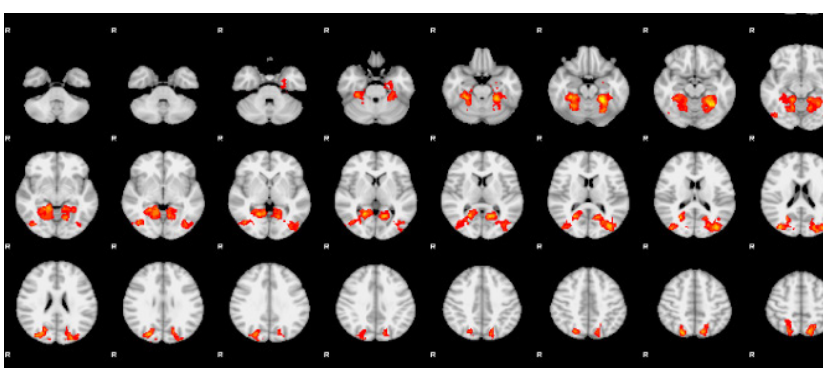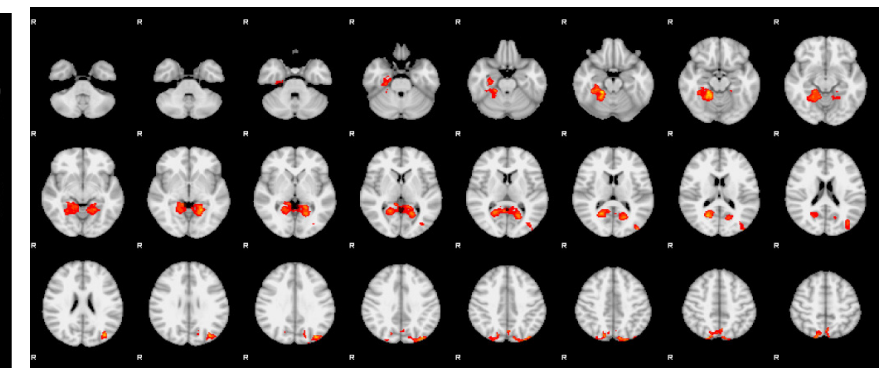| Drivers	Design elements
Air quality	Windows
Light quality	HVAC
Thermal comfort	Orientation

Pruitt-Igoe

Via Verde, NY

Measures of stress levels between environments with and without natural elements.

60 Richmond Housing Cooperative, Toronto

Brain areas activated during exposure to environment without nature.

Brain areas activated during exposure to natural environments.

Entry
Wall thickness
Ceiling height
Window
Tiering
Access
Common facilities
Spatial dimensions
Proximity
HVAC
Accessibility
Orientation