Spring webinar series
Designing Spaces that Work (And What to do When They Don't)

Center for the Built Environment (CBE)
University of California, Berkeley
www.cbe.berkeley.edu

Livable Analytics
www.livableanalytics.com
Today’s agenda

11:00 pm  Introduction
11:10 pm  Lindsay Graham
11:15 pm  Tim McGinn
11:20 pm  Mark Perepelitza
11:25 pm  Carl von Rueden
11:30 pm  Discussion and Q&A
12:00 pm  Adjourn

Lindsay T. Graham, PhD
Lead Researcher, Livable Analytics and CBE

Carl von Rueden
Designer, EHDD

Mark Perepelitza
LEED AP; Dir. of Sustainability, SERA

Tim McGinn
PEng, LEED AP; Principal at DIALOG
History of Livable Analytics’ Occupant Survey

Lindsay T. Graham, PhD

Livable Analytics and Center for the Built Environment (CBE)
University of California, Berkeley

Background

- Powerful occupant survey analytics platform
- Developed in 1999 based on industry need
- Used in over 1,000 buildings with over 100,000 occupants
- Data set includes valuable building characteristics data
- Tools include multiple building types and a range of options
Why use this tool?

**Get Feedback**
Learn what’s working from the occupants’ perspective

**Benchmarking**
Compare your buildings against an extensive database of other buildings

**Diagnostics**
Branching questions help diagnose the reasons behind dissatisfaction

**Evaluate**
Evaluate energy solutions, design approaches, technologies

**Inform**
Make improvements in operations and the design of future buildings

**Get Credits**
Adopted by LEED, ASHRAE, and WELL
Building types

- Offices
- Higher education
- K-12 schools
- Laboratory
- Healthcare
- Multi-unit residential

DIALOG Toronto, Livable Buildings Award Finalist, 2009
Architecture: DIALOG

Ohio State Wexner Medical Center Expansion
Arch: HOK

UC Berkeley Energy Biosciences Building
Arch: SmithGroup
What does it measure?

Overall building

Overall workplace

Acoustic quality

Air quality

Cleanliness & maintenance

Lighting

Office furnishings

Office layout

Thermal Comfort
UCB Wurster Hall Survey

Average scores by category

- General Building Satisfaction: 0.19, 40% Satisfied, 40% Ranking
- General Workspace Satisfaction: 0.89, 74% Satisfied, 49% Ranking
- Acoustic Quality: -0.16, 30% Satisfied, 40% Ranking
- Air Quality: -0.49, 11% Satisfied, 29% Ranking
- Cleanliness and Maintenance: 0.39, 42% Satisfied, 33% Ranking
- Lighting: 0.83, 55% Satisfied, 41% Ranking
- Office Furnishings: 0.62, 48% Satisfied, 45% Ranking
- Office Layout: 0.98, 57% Satisfied, 40% Ranking
- Thermal Comfort: -0.59, 11% Satisfied, 41% Ranking

○ Average for the survey building  ● Average for all other buildings (benchmark)
15.1 Acoustic Quality
How satisfied are you with the noise level in your workspace?

- 37% Satisfied
- 25% Neutral
- 25% Somewhat Satisfied
- 7% Somewhat Dissatisfied
- 7% Dissatisfied

Dissatisfied Causes

2 "Other" Text Responses
Q&A

Please type your questions using the control panel

More information

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