The Beauty of Shadows

Connection

Sun screened by clouds

Reflected shadows
**Light, Shade, Shadow**
Shaded form vs. Cast Shadow

**Geometry of Shadows**

**VARIABLES:**  
- Light source  
- Object casting  
- Screen catching  
- Distance  
  - source  
  - object  
  - screen

**Shadows reveal Distance**

**VARIABLES:**  
- Distance  
  - movement of source, object, surface

**Shadows reveal Surface**

**Shadows reveal Light Source**

**Shadows reveal Light Source Size**

**VARIABLES:**  
- Light source  
  - size
**Shadow Play**

**Variables:**
- Light source
  - focus
  - size & number
  - color
- Object casting
  - shape
- Screen catching
  - transparency
- Distance
  - movement of object

---

**Summary**

**Variables:**
- Light source
  - strength
  - direction
  - focus
  - size & number
  - color
- Object casting
  - Transparency
  - Shape
  - Orientation
  - Color
- Screen catching
  - transparency
  - form
- Distance
  - movement of source, object, surface

---

**Scavenger Hunt**

- Shadow revealing form
- Shadow patterns
- Sharpness against softness
- Light shapes in shadow
- Changing shadows
- Unexpected shadows

---

**Shadow revealing Surface**

*Image by Charles & Ray Eames*
Shadow revealing Surface

- Computer graphics by Chris Yoo, Columbia University

Shadow revealing Surface

- Image by Bruno van den Elshout

Shadow revealing Object Form

- Image by Laslo Moholy-Nagy
Sharp vs. Soft Shadows

Image by J. Madsen

Light shapes in Shadow
Unexpected Shadows

- Image by watty, flickr.com

Scavenger Hunt

- Shadow revealing form
- Shadow patterns
- Sharpness against softness
- Light shapes in shadow
- Changing shadows
- Unexpected shadows

Artists & Designers explore Shadows

Kevin Hoelscher
Laslo Moholy-Nagy’s Light Modulator

Lighting Models
Silhouette
Image by Kara Walker

Lightswitch.net
Image by Marco Palma, ecologic studio

Loukissas & Larry Sass

Light Wall
Image by Marco Palma, ecologic studio