

**James Tichenor**

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**EDUCATION:**

09.04 –  
*Interaction Design Institute Ivrea*  
Ivrea, Italy  
Master of Interaction Design

09.02 – 05.04  
*Massachusetts Institute of Technology*  
School of Architecture & Planning, Cambridge, MA.  
Master of Science in Architectural Studies: Design and Computation.

09.94 - 05.99  
*New Jersey Institute of Technology*  
School of Architecture, Newark, NJ  
Bachelor of Architecture.

**RESEARCH EXPERIENCE:**

*MIT, Cambridge, MA*  
MotionMaterials; Effects and Context (2004)  
Advisor: Bill Porter, Design and Computation, School of Architecture  
- Research into how reactive and display materials can be incorporated into architectural space.

SnowScreen (2003) A addressable opacity screen for an architectural scale  
Advisor: Ted Selker, Context-Aware Computing Group, Media Lab  
- Using high voltage electricity through transparent electrically conductive plastic the position of Styrofoam is controlled between two sheets of plastic

SuperCiliaSkin (2003) A tactile skin surface for computer interaction  
Advisor: Hiroshi Ishii, Tangible Interface Group, Media Lab  
- Built on top of the Actuated Workbench (an array of computer controlled electromagnets, soft felt cilia express motion an image similar to movement of wind across a wheat field

**PROFESSIONAL EXPERIENCE:**

05.04 – 09.04  
*Invidia Design, Cambridge, MA.*  
Designer

640 x 480 Cocktail Umbrellas (2004),  
-A An interactive surface with 70 computer controlled mini cocktail umbrellas

05.99 – 09.03  
*FourPlus Design, New York, NY.*  
Co-Principal and Co-Founder.  
-fourPlus was a design collective of 3 friends investigating art, technology, and architecture.

In-Field (2001) Brooklyn, NY  
-A 5'x150' alleyway is covered with sod and converted into a soccer field for 3 days  
30 Mile Split (2000) Brooklyn, NY  
- A U-Haul truck is converted into a mobile theater showing a film about suburban driving  
RoyGBiv (2003) Compton Gallery, MIT  
- Art project about the transcendental using projections and sub-audio actuators  
Bitmap Park(2002)  
- a competition entry for a park that displays image on the surface of its grass  
Post-IT (2001) temporary installation  
- 3000 post it notes and 25 battery operated fans created a flicker surface for a concert  
Smithson (1999) Passaic, NJ  
-a revisiting of a Robert Smithson artwork, also a series of guest lectures and videos

06.03 – 09.03  
*Nastasi Architects, Hoboken, NJ.*

Consultant

Memorial Meadow (2003), World Trade Center Memorial competition  
- Competition Entry # 859095. a proposal for a reconfigurable ground plane  
First Step Housing (2003), NYC  
- A competition for a flophouse interior on the Bowery in New York

06.99 - 09.02

*Konyk Architecture, Brooklyn, N.Y.*  
Project Architect.

Tuttle Steet One Miami (2002), Miami, FL  
- Schematic design for a furniture showroom in Miami's design district  
A New Prototypical Bus Shelter for Bloomington Indiana(2002)  
- A competition proposal incorporating led's into a buss shelter design  
Liquid sky(2002)  
- A competition for a conference room and public park on a riverfront  
Glass and Stone (2001) the Art Museum, Princeton University, NJ  
-Exhibition design for a reinstallation of their permanent collection of Antiquities  
Short Century(2001) Villa Stuck, Munich  
- Traveling Exhibition design for the Villa Stuck, curator Okwui Enwezor  
A Plane A Glow in a Field (2001) Flemington, NJ  
- A competition for a new Jewish community center, honorable mention  
Nature's Theater (2001) Saluda Shoals Park  
- A competition for a theater in a park  
AIA NYC (2000) LaGuardia place, NYC  
- Proposals in a two stage competition to design new offices, one of 5 in 2nd stage  
Distended family home (2000)  
- A proposal for a housing type to accommodate new types of family  
Dreams (1999) AXA Gallery NYC  
- Exhibition design, a retrospective on the influence of Freud on 20th century art  
Hydra(one) (1999)  
- A competition for elderly housing in Atlantic City for the Me generation

09.00 - 02.02

Susan Pikkard Bristol Architect , Rocky Hill, NJ  
Project Architect.

Pelsner Residence (2002) Princeton NJ  
- Addition to single family residence  
miscellaneous projects (2000-2002)  
- Worked part time on working drawings, schematic design

## **TEACHING EXPERIENCE:**

MIT, Cambridge, MA

Teaching Assistant in Advanced Undergraduate Studio: Between Cites and Clothes, Meejin Yoon (Spring 2004)

-Students studied relationships between materials at various scales: projects included designing clothing for two, documenting interstitial urban spaces and Designing a train station on a site between Boston University and I-90.

Teaching Assistant in Graduate Architecture Portfolio Seminar, Meejin Yoon + Mark Jarzombeck (Fall 2003)

-Students took a previous studio project and represented through various medium, writing, paper portfolio and web. Presented outside of class tutorials on graphic design and web design tools.

City Collage, New York, N.Y.

Teaching Assistant in Undergraduate Studio, Craig Konyk

-While working in professors office would assist professor at class and teach students 3dmodeling and imaging skills

## **PUBLICATIONS:**

Box of Sound in: Design Weekly – 7 April 2005B

Super Cilia Skin in: Textile magazine issue x 2005

Super Cilia Skin in: Human-Computer Interaction, CHI Extended Abstracts, ACM, 2003.

Ballisto in: Zing Magazine

A magazine – magazine of NJIT

Midday construction – confounded edited student publication

**EXHIBITIONS:**

Milan Furniture Fair, Salone, Milan, 2005  
Strangely Familiar Unusual Objects for Everyday Life, AB+, Torino, 2005  
ArtBots Robot Art Show, New York, 2004  
COLLISIONfive, Art and Technology, Compton gallery, MIT 2003  
D.U.M.B.O. Art Under the Bridge, Brooklyn, NY 2001  
D.U.M.B.O. Art Under the Bridge, Brooklyn, NY 2000  
James Fuentes Gallery, Ballisto(with Kyle Lapidus), Manhattan, NY 2000

**MEDIA SKILLS:**

Modeling and CAD: AutoCAD, 3d Studio, FormZ, Rhino  
Imaging and Video: Flash, Photoshop, Illustrator, Indesign, Aftereffects, Final Cut Pro  
Programming: Java, ActionScript, Processing, C  
Prototyping: analogue electronics, microcontrollers, model and mockup shop experience

**LECTURES:**

Feel the Music, World Haptics Conference, Pisa , Italy 2005  
Super Cilia Skin, Interaction Design Institute Ivrea, Ivrea, Italy 2004  
Super Cilia Skin, Conference on Human Factors in Computing Systems (CHI), Ft. Lauderdale, 2003.

**REFERENCES:**

Available on Request