

# K A T H E R I N E L A B O N T É

katherine.labonte@gmail.com www.katherinelabonte.com (914) 297-2508



INNOVATION & DESIGN STRATEGIST

KATHERINE.LABONTE@GMAIL.COM WWW.KATHERINELABONTE.COM 914-297-2508

### **EDUCATION**

JOHNS HOPKINS UNIVERSITY CAREY BUSINESS SCHOOL Baltimore, MD / Aug 2012- Mar2014 Master of Business Administration

#### MARYLAND INSTITUTE COLLEGE OF ART (MICA) Baltimore, MD / Aug 2011- Mar 2014 Master of Arts, Design Leadership Post Baccalaureate Certificate, Fine Art

SARAH LAWRENCE COLLEGE Yonkers, NY / Sep 2006- May 2010 Bachelor of Arts, Economics

### **INNOVATION SKILLS**

Concept Development Rapid Prototyping Creative Problem Solving Design Thinking Creative Strategy Consumer Insight Research User-Experience Design Consumer Engagement Human - Centered Design Interdisciplinary Collaboration Visual Communication Storyboarding Presentations Brand Strategy

### **DESIGN SKILLS**

Microsoft Office Suite Adobe Creative Suite CS6 Autodesk 3DS Max Web Prototyping Wire Framing Final Cut Pro SketchUp SPSS Statistics Web Analytics CSS3 HTML5

#### **EXPERIENCE & TRAINING** JOHNS HOPKINS UNIVERSITY & MICA

#### Innovation Consultant / Baltimore, MD / Aug 2012- Mar 2014 Clients included the American Red Cross, Gensler, DAP Products, and Third Order Communications Coaching.

Clarified problems, researched consumer needs, ideated and prototyped solutions and made recommendations based on research insights.

Relevent Coursework: Creativity and Innovation, Forecasting and Realizatation, Interdisciplinary and Multidisciplinary Collaboration. Visualization and Prototyping, Cutural Relevance and Awareness

#### **DREAMIT VENTURES**

User Experience & Design Consultant / Baltimore, MD / Jan 2014- Apr 2014 Defined, researched, ideated, prototyped, tested and implemented experience design in adaptive checklists and work flow management software, and ecommerce tools and apps. Collaborated with graphic design and engineering teams to advocate design to Start-ups in this Healthcare focused accelerator.

#### ATRIX DESIGN

### Principal Consultant / Mid-Atlantic Region / Jan 2009 - Jan 2014

Worked in interdisciplinary teams as creative director, directing work flow, supervising 3-5 regular contributors to murals. Clients included local businesses and Comcast Spotlight offices.

#### MICA FOUNDATIONS DEPARTMENT

Visual Thinking Teaching Assistant / Baltimore, MD / Aug 2011- May 2012 Teaching *Elements of Visual Thinking* curriculum included color theory, art history, heuristics, semiotics, and best practices. Worked with students on principals of digital and traditional design, and visual communication. Taught students to develop concepts through peer review and critical thinking.

#### **BANK OF AMERICA**

#### Corporate Teller / Yonkers, NY / Nov 2010- Jun 2011

Facilitated detailed customer transactions, followed sales leads, and provided customer service using CRM ACT!. Trained new employees on presentation skills and maintained bank security.

#### TOKENWORKS

#### Marketing Intern / Bronxville, NY / May 2009- Apr 2010

Tested, researched and evaluated usability of software and hardware developments. Office generalisst for a small business selling and manufacturing barcode scanning hardware and software. Provided sales, customer service and technical support. Dear Co-working Space,

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I love your view and implicit Lack of dress code. However, your floor plan is too open. I hear everyone breathing and chewing. I like the easy conversations with other people, but hate the way they smell. Thanks for the coffee, but I need a door. Its not you, I'm just no getting too old for an open relation ship.

Late later

Working with client Gensler to develop consumer insights and research methods

incerely, Kreyspol Sitko

I appreciate that I have a place to god my shift down Denv Shaved space. However, I feel that that 75 all you are useful for I do not Will that I have to constantly more stuff any stuff lots stuff to Malle room for more staff (my Sign oran staff). I also don't like the idea of people listening in on conversations because the Walls are thin (mostly be people don't have "mostle votres"). I also don't like not knowing where my shiff is or where it will be the must day. Or that people can book through it Can you tell people to clean up after themselves, it's you you touch things and it's stricting. De when things a Dear Co-working space. That it that working

## **PROJECT PERMEABLE**

- Chase

A co-working space that challenges the existing entrepreneurial pipeline, was an internal project at architectural firm Gensler. Gensler approached our team with the goal of developing this thought experiment into a viable proposal.

**CHALLENGE:** How might Gensler approach stakeholders and potential partners to implement this project?

**PROCESS:** After conducting secondary research via feasibility studies and market analysis, we moved on to primary research. We asked entrepreneurs in the co-working spaces to write love letters to the co-working space. Most of them had irreconcilable differences and broke up.

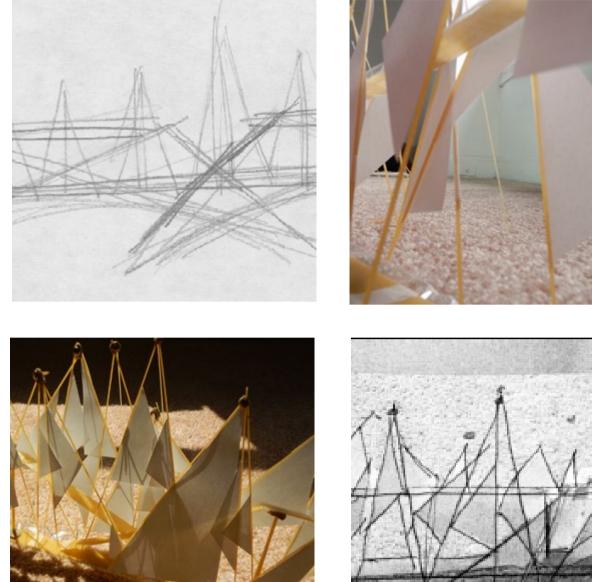
**SOLUTION:** Bringing these letters back to Gensler reminded them of the humans they were ultimately designing for and re-invigorated their team to continue in a human-centered-design approach. Additionally the letters demonstrated market demand for the project.

### **PROCESS:**

Asking entrepreneurs in co-working spaces to write love letters to their envioronment. Most of them had irreconcilable differences and broke up.

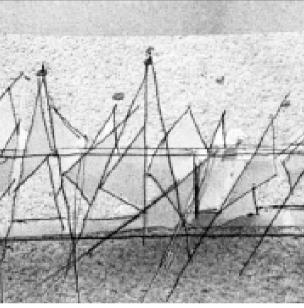
### **INSIGHT:**

Co-workers like talking but also need privacy. These spaces need to accomodate many different work styles



"Reverie Bridge" 316 ft tall, 3168' ft long Materials: wood, steel, and mesh canvas.





# **REVERIE BRIDGE**

Many cities already use bridges as sculptural, functional landmarks. Precedents include the Sydney Harbor Bridge in Australia, the Si-o-Se-Pol or "33 Arches Bridge" in Isfahan, Iran and the Lucerne Kapellbrucke or "Chapel Bridge" in Lucerne, Switzerland.

CHALLENGE: What if a bridge could activate the senses? Encourage people to feel calm, focused, or inspired?

**PROCESS:** For this two level pedestrian footbridge, every element is strategically designed to calm its pedestrians. Echoing common relaxation practices, this bridge has cathedral-esque, a break-like fifteen minute crossing duration, and moments of choice between low paths and high paths.

**SOLUTION:** This bridge withstands extreme weather and high winds because of its mesh suspension sails, wooden path and railing details and steel skeleton. Use of this bridge invokes the calm of spending fifteen minutes on a sailboat with a steady course and the dream walking among sails.



Developing concepts for communication with remote Design teams

# C.L.A.R.A. PROJECT

Compliance Legal Adaptive Response Analytics (C.L.A.R.A) is a computer system that pro-actively detects work flows based on log-ins activity to help optimize and manage hospital traffic. It is being developed by teams communicating remotely

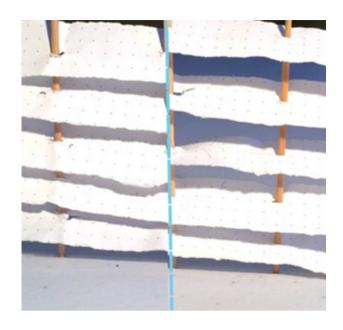
**CHALLENGE:** A start-up with a cool idea and a vague name was having an identity crisis, how to strike a balance between fresh and interesting but also straight forward and self explanatory enough for compliance offers and lawyers who would be buyers.

**PROCESS:** Worked closely with the founders to define goals and values, research the audience, and experiment with tone.

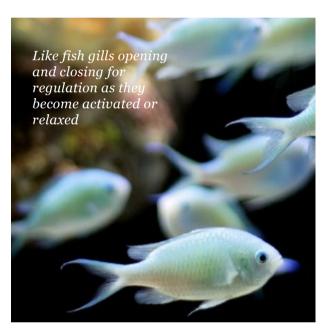
**SOLUTION**: Coined their Mantra "Always Forward, Always Part of a Whole, Always Toward Truth", name, logo and brand book for communication with remote teams.



Why are we still reacting to weather instead of planning for it?







## **BREATHING WALLS**

Working with external client DAP Products Innovation Department to develope consumer insights.

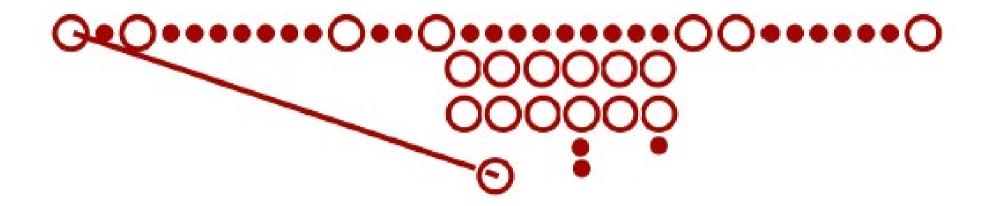
**CHALLENGE:** How might we better resonnate with end users practicing weatherizations?

**PROCESS:** We conducted behavioral market research through consumer interviews and observations. An insight from this research was that weatherization practices were planned, tedious rituals for people.

**SOLUTION:** In response to the predictability of changing temperatures and their effects on housing I came up with the idea of futuristic housing that intentionally expands and contracts in response to weather. Similar to plate tectonics and fish gills expanding walls would allow houses to seal off or air themselves out to regulate internal temperatures.

### **INSIGHT**:

Interviews revealed a D-I-Y Dad is the trusted authority on weatherization



[Define]

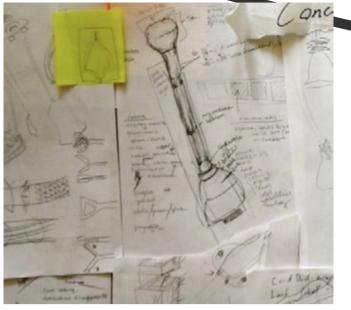
# THIRD ORDER

A social scientist and Lecturer, Larry Petcovic, was wanted to expand his communication coaching business. He had just received a consulting contract with the National Breast Cancer Coalition to teach survivors storytelling techniques for awareness-campaign videos. Larry's coaching style is traditionally to listening and critiquing presentations. He was not prepared to coach people remotely or non-verbally.

**CHALLENGE:** How might we teach breast cancer survivors both local and remote toward powerful story telling techniques without having them sound overly coached?

**PROCESS:** I worked extensively with Larry to define common problems presenters encounter and solutions based on his expertise. Additionally I conducted secondary research on storytelling techniques and presentations. We tested several iterations of purely written coaching until we reached the final form. **SOLUTION:** We developed self-diagnosis profiler questions and analysis score. Like a magazine quiz you respond to questions and add up your score. Next, look up how strong your communication skills were and find the advice for your score range. In addition to the profiler we recommended practice with youtube videos to allow survivors to privately and repeatedly practice, review and re-score their presentations. Students could work independently or share via youtube with Larry if they had specific questions. Limited contact with Larry kept videos sounding authentic rather than mimicry of Larry's charisma.

> Using Design Thinking to develop best practices for presentations at all skill levels









# **BIOMIMICRY PLUNGER**

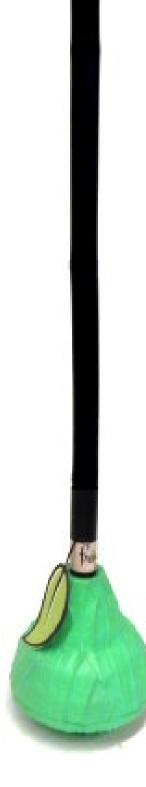
#### **COLLABORATIVE PROJECT**

#### **ROLE: CONSUMER RESEARCH**

**CHALLENGE:** Addressing this embarrassing but essential object for a female, first apartment dweller looking for a cool tool.

**PROCESS:** Our multi-disciplinary team reverseengineered the micro structures of a frog's toe pad. Using a millipore substrate and silicone, van der waal forces hold the plunger tightly sealed inside the bowl. Further this pad self cleaned as it peels away from a surface, and dirt particles. are released. The remaining surface of the plunger head is based on the texture of the lotus leaf. The lotus leaf has superhydrophobic properties meaning that it can stayThis surface allows the plunger to instantly dry itself after use.

**SOLUTION:** We created our own super hydrophobic molds modeled directly off of lotus leaves. Another benefit of the uniquely slick lotus leaf is that it resists germs and pathogens attaching to its surface. Lastly the ergonomic handle comfortably fits the hand and allows the user to achieve and sustain a more powerful grip regardless of experience.



Thank You!

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