

## **ANIJO PUNNEN MATHEW, Ph.D**



Anijo Mathew is an Associate Professor at the Institute of Design at Illinois Institute of Technology in Chicago, USA. Until recently, Mathew also served as the Head of Department of Art and Design at the College of Architecture, Art and Design at the American University of Sharjah in the UAE. His research evaluates new models of innovation as enabled by technology and media convergence through the lenses of design fiction, design-led innovation and entrepreneurship. He has served as the founding Academic Director for Innovation and Entrepreneurship where he worked with the Illinois Tech Provost's office to plan the build-out of a new academic platform to implement novel educational and entrepreneurial strategies for the university. He is also the founder of Vamonde, a Chicago startup and storytelling app currently operating in 50+ cities around the world. Built in Chicago named the company as one of six Chicago startups shaping the future of virtual reality.

A native of India, Mathew holds a PhD in Design Computing from The Open University in the United Kingdom, a Master in Design Studies from the Harvard University's Graduate School of Design, and a professional Bachelor of Architecture from Birla Institute of Technology Mesra in Ranchi, India.

Mathew has a proven record of engaging design for innovation through multidisciplinary collaborations. He has worked with several Chicago-based organisations to prototype new local urban/placemaking technologies. Mathew has led research teams on projects with the US State Department, IDEO/Palmwood, Chicago Department of Cultural Affairs and Special Events, the Chicago Tribune, Accenture, Choose Chicago, and Chicago Loop Alliance (CLA). He was invited as an advisor to the Chicago Commissioner of Culture and help design urban interventions for the Chicago Cultural Plan 2012. He has taught at Harvard University's School of Business, University of Chicago Booth School of Business, and Illinois Tech Stuart School of Business. Before Illinois Tech, he was a tenure-track faculty member at College of Architecture, Art and Design at Mississippi State University. During this time, he helped prototype smart technologies for rural populations in collaborative projects with the Center for Advanced Vehicular Systems, the Raspet Flight Research Laboratory, the University of Arkansas Clinton School of Public Service, and the Harvard T. H. Chan School of Public Health.

Widely published, Mathew regularly consults on design and innovation projects with organisations around the world. With organisation such as the Dubai Future Foundation in the UAE, Godrej & Boyce in India, the Far Eastern Group in Taiwan, and Finabl in the UAE, he helped leadership identify and execute strategic innovation projects. He helped design and implement Global Immersion programs at the Institute of Design, where student teams interacted with executives on projects of strategic value in India, Brazil, and Taiwan. He has also consulted with Accenture, Hyatt, Motorola Mobility, the Hong Kong Design Centre, Urban Redevelopment Authority [Singapore]/Singapore River One, Gensler, Chicago Public Schools, Chicago Artists Coalition, and the Chicago Architecture Foundation. His projects have been exhibited at the National Museum of Mexican Art, the Old Town School of Folk Music, Chicago City Hall, and the Chicago Cultural Center. Mathew has served on Board of Directors of the Chicago Loop Alliance, on the executive committee for Choose Chicago, as an advisory board member for the Chicago Architecture Center, and on the executive committee of the Birla Institute of Technology Alumni Association – North America.

# ANIJO PUNNEN MATHEW

*Associate Professor  
IIT Institute of Design  
3137 South Federal Street  
Chicago, IL 60616*

## 1. CREDENTIALS

### 1.1. Academic Qualifications:

#### **Doctor of Philosophy (PhD)**

*Faculty of Mathematics, Computing, and Technology  
The Open University, UK*

Thesis:

Interactive Placemaking: Creativity and User Experience at Urban Installations

Supervisors:

Yvonne Rogers, Peter Lloyd

July 2013

#### **Master in Design Studies (MDesS)**

*Graduate School of Design (GSD)*

*Harvard University, USA*

Focus: Digital Media and Production Environments

June 2003

#### **Bachelor of Architecture (B.Arch)**

*(graduated top of class with Institute Gold Medal)*

*Birla Institute of Technology (BIT)*

*Mesra, Ranchi, INDIA,*

May 2000

### 1.2. Professional Experiences:

#### **Associate Professor (with tenure)**

Institute of Design

*Illinois Institute of Technology*

August 2014-Present

#### **Head of Department**

Department of Art and Design

College of Architecture, Art and Design

*American University of Sharjah*

August 2019-Present

#### **Associate Professor**

Department of Art and Design

College of Architecture, Art and Design

*American University of Sharjah*

August 2019-Present

#### **Academic Director**

Ed Kaplan Family Institute for Innovation and Tech Entrepreneurship

*Illinois Institute of Technology*

August 2017-August 2018

#### **Founder & Board Member**

*Vamonde (Proboscis Inc)*

Chicago, IL

August 2016-Present

#### **Founder & CEO**

*Vamonde (Proboscis Inc)*

Chicago, IL

April 2015-August 2016

**Assistant Professor**

Institute of Design  
*Illinois Institute of Technology*  
August 2008-July 2014

**Assistant Professor**

College of Architecture, Art, and Design  
*Mississippi State University*  
August 2003-June 2008

**Design Consultant**

*Ambiaance Designs (formerly 3 Design Studio)*  
Mumbai, INDIA.  
August 2003-January 2008

**Founder & Principal**

*3 Design Studio*  
Mumbai, INDIA.  
August 2001-September 2002

**Architect**

*Design Combine*  
Kochi, Kerala, INDIA.  
May-August 2001

**Marketing Executive (Regional Assistant Manager)**

*HCL Infosystems Ltd.*  
Kochi, Kerala, INDIA.  
May 2000-May 2001

**1.3. Other Teaching Experiences:****Graduate Teaching Assistant**

Graduate School of Design (GSD),  
*Harvard University*

Teaching Assistant to Allen Sayegh, Alen Berger, George Hargreaves, and Hope Hasbrouck. Also involved in design and research with Allen Sayegh (@ INVIVIA) and through coursework with Stephen Intille (@ the Changing Places Consortium, MIT Media Lab).

## 2. SCHOLARSHIP

### Summary:

My scholarship falls into two broad areas: a *scholarship of pedagogy* – developing innovation strategies for companies to adapt and change using a design-led approach to innovation, and a *scholarship of research* – evaluating new semantic appropriations of place as enabled by new technologies and media convergence.

### 2.1. Companies:

#### 2015 onwards: Vamonde

In April 2015, I launched an independently funded startup called Vamonde. From 2015-2017, I focused on growing and building the company. The company was based on over 15 years of academic research into placemaking and technology disruptions in the city and offered a B2B platform to connect storytellers with the cultural traveler through hyper-local place narratives embedded in location. Vamonde is currently in 50+ markets around the world and continues to grow globally as travel, tourism, and city organisations engage with the platform. Since 2015, I raised about \$4 million in funding for the company.

See more at [www.vamonde.com](http://www.vamonde.com)

### 2.2. Research Projects:

#### 2019 onwards: Technology and Design Fiction for Strategy and Planning

In this project I combine my two areas of interest through Design Fiction as a *strategic tool for organisational decision making in large scale urban interventions*. My move to the UAE is an opportunity to engage this topic and work with Asian, African, and GCC leaders working on planning, policy and governmental initiatives in urban development projects. Given the growth of the middle class in the region and the amount of investment put into infrastructure development, this is the perfect place to position my research and develop global expertise in the topic.

*In collaboration with US State Department, Dubai Future Foundation, Palmwood*

#### 2017-2018: Innovation and Entrepreneurship

During my one-year appointment as the first Academic Director of the Ed Family Institute of Innovation and Entrepreneurship at IllinoisTech, I took fundamentally innovative engineering, science, and technology ideas on campus and empowered them to become drivers for long-term human value. I designed an initiative that provided students, faculty, and alumni of IllinoisTech a superior capability to innovate and participate in innovation and entrepreneurial activities

*Appointed by and reported to the Provost, Illinois Institute of Technology, Chicago.*

#### 2007-2015: Interactive Placemaking

With the coming of interactive technologies and ubiquitous computing, the notion of "placemaking" has evolved as have people's sensibilities and expectations. This research is an attempt to understand these connections and engage them through design - how organizations can develop publishing, sharing, and information access platforms which are embedded in physical environments (such as the city, or local neighborhoods) as well as how social connectivity and user behavior in such environments affect these platforms.

*In collaboration with the City of Chicago, Chicago Loop Alliance, the Chicago Architecture Foundation, the Tribune Company*

#### 2009-2014: Engaging Prototyping and Sketching for Early Stage Decision Making

This project looked at engaging prototyping and sketching methods at the early stages of design. We interviewed several designers across different design practices including architecture, industrial design, interaction design, communication design, strategy and planning and constructed methodologies and tools that designers use for generative, evaluative and narrative prototypes. The project also outlines the process of building a culture in corporations and design firms around prototyping and sketching that is flexible and ready at hand.

*AutoDesk sponsored project through the IIT Institute of Design.*

--- {at Mississippi State University} ---

#### 2007: Evaluation of Environmental Factors that Influence Health of Rural School Children

Research at rural schools to determine if architecture and design of schools and the communities they are set in have an influence on the health of school children with the explicit intention of future interventions to augment architectural design through interactive interfaces.

*Design Research & Informatics Lab in collaboration with MSU Food Science, Nutrition, and Health Promotion Department, and MSU Extension Service.*

### **2007: "Health and Wealth" Delta Assessment Survey**

A large (~1500 data set) quantitative survey deployed in the southeastern United States (Tennessee, Arkansas, Louisiana, Mississippi) to evaluate healthcare delivery models (with a special focus on acceptance of "intelligent" interfaces as a model to augment current models).

*Design Research & Informatics Lab in collaboration with MSU Social Science Research Center (SSRC); Clinton School of Public Service, University of Arkansas; Harvard School of Public Health.*

### **2006 - 2008: Computation in the Process of Design**

Several projects evaluate and provide a framework for the use of computational media and interfaces in the process of design. Primary components of this research are based on the Human-Computer-Interface (HCI) relative to digital design tools, i.e., Hardware (HW), Software (SW) and Input/Output (I/O) methods and strategies and the adoption of these tools by graduate design students.

*Design Research & Informatics Lab; MSU CAAD Graduate Program*

### **2006-2007: Technology Acceptance in Rural MS**

User Research at West Point and Meridian, MS to evaluate rural population's perception of technology and "smart" homes to augment healthcare models.

*Design Research & Informatics Lab in collaboration with MSU Social Science Research Center (SSRC); the City of Meridian, MS; and Dugan Memorial Nursing Home, West Point, MS.*

*This study led to the book – "Technology to Aid Aging in Place - New Opportunities and Challenges" {see Publications}*

### **2005-2008: Modular Housing Systems: Integration "Smart" Technology into Modular Architecture**

Integration of emerging technologies in the process and product of architecture with an emphasis on Factory-Built Modular Housing Systems and technology transfer from the computing, aerospace, automotive, marine and furniture industries.

*Design Research & Informatics Lab in collaboration with MSU Raspet AeroSpace Lab, MSU Franklin Institute of Furniture Manufacturing and Marketing (IFMM) and MSU Center for Advanced Vehicular Systems (CAVS).*

### **2005: Prototype "Smart" Home for Meridian, MS.**

Concept prototype – sketch designs and options for a retirement home based on "smart" technologies and "interactive" systems to augment traditional healthcare delivery models for elderly people.

*Developed for AmeriCorps LIFE (Living Independence for Everyone); and City of Meridian, MS.*

## **2.3. Awards/Recognitions for Research:**

### **2012: Recognised as a Fellow of the Urban Communication Foundation**

The Urban Communication Foundation (UCF) has been a leader in promoting scholarship in the area of communication within an urban context. In 2012 the Foundation recognized me along with Prof. Laura Forlano from IIT Institute of Design as fellows of the Foundation and recipients of the first White Paper Proposal grant to study issues that have a direct bearing on public policy and the everyday life for people within cities.

### **2012: Best Paper Award at Designing Interactive Systems (DIS) Conference 2012**

ACM DIS Conference is the premier, international arena where designers, artists, psychologists, user experience researchers and systems engineers come together to debate and shape the future of interactive systems design and practice. A short paper submitted by my students won the Best Paper Award. The paper describes work done as part of my Fall 2011 class Communication Design Workshop.

### **2011: State Street Project was chosen as one of 75 up-and-comer innovations at the Chicago Innovation Awards**

Chicago Innovation Awards celebrate the creative spirit of the Chicago region by honoring the city's most innovative new products and services. The State Street Project (Art Loop Open, ZeroZero, and Urban Forest 37) was chosen from over 400 entries as one of the 75 up-and-comer innovations in Chicago (see <http://www.chicagoinnovationawards.com/the-top-75-up-and-comers/>)

### **2011: Paper Nominated for Creativity and Cognition 2011 Award for Best Contribution to Creative Communication**

The Emma Candy Memorial award celebrates innovative contribution to concepts and products that combine creativity and communication in ways that influence the way people use digital media in the future. My paper was nominated by the Conference Committee for Creativity and Cognition 2011 for this award.

**2007: ARCC New Researcher of the Year**

The Architectural Research Centers Consortium (ARCC) New Researcher of the Year is intended to acknowledge and reward emerging figures in architectural and environmental design research that demonstrate innovation in thinking, dedication in scholarship, contributions to the academy, and leadership. The award includes recognition at a national level, a plaque and monetary award, plus an honorarium to present research at the annual ARCC conference.

**2.4. Research Grants - Foundation and other Research Funding:****2020 Extramural Research Grant**

Dubai Future Foundation

*Role: Principal Investigator*

*Proposal: Methods and tools for Design and Futures Thinking*

AED97500 (US\$26500)

**2020 Extramural Research Grant**

US State Department/EXPO 2020

*Role: Collaborative grant for department (PI: Riem Ibrahim, Co-I: Hala Al-Ani, Marian Misiak)*

*Proposal: US Pavilion Mural Competition*

AED360000 (US\$98000)

**2019 Faculty Startup Grant**

Office of Chief Research Officer, American University of Sharjah

*Role: Principal Investigator (startup grant)*

AED25000 (US\$6800)

**2013 Sponsored Research**

Accenture

*Role: Principal Investigator (with Matt Mayfield in an advisory role)*

*Proposal: Evaluating New Collaborative Landscapes for Global BPO's*

US\$140500

**2012 White Paper Grant**

Urban Communication Foundation

*Role: Co-Principal Investigator (with Laura Forlano as PI)*

*Proposal: Designing Digital Networks for Urban Public space*

US\$10000

**2011 Sponsored Research**

The Tribune Company

*Role: Principal Investigator*

*Proposal: Understanding Users and Identifying Opportunity Areas for Media Distribution*

US\$146500

**2010 Sponsored Research**

Chicago Loop Alliance

*Role: Principal Investigator*

*Proposal: Experience Design and Interaction Layer for Art Loop Open*

US\$10000

**2009-10 Sponsored Research**

AutoDesk with the IIT Institute of Design

*Role: Principal Investigator (with Martin Thaler)*

*Proposal: Tools for Early Stage Decision Making in the Design Process*

US\$75000

--- {at Mississippi State University} ---

**2007-08 OMNOVA Solutions Foundation Monies**

OMNOVA Solutions Foundation

Role: funding for CAAD DRIL

Proposal: Design and Development of "Smart" Technologies for Rural Homes

US\$20000

**2006-07 Delta Health Alliance, Inc.: Improving Health in the Mississippi Delta through Coordinated School Health Program**

Heath Resources and Service Administration (HRSA) + Department Health and Human Services

Role: Principal Investigator (subcontract proposal with MSU Food Science, Nutrition, and Health Promotion Department)

Proposal: Evaluation of Environmental Factors that Influence Health of School Children + Social Marketing Campaign to introduce concepts of healthy lifestyle in rural MS

US\$40000

**2006-07 Hearin Foundation Funding for Housing Research**

The Robert M. Hearin Foundation and the College of Architecture, Art, and Design, Mississippi

Role: Co-PI (With Dr. Larry Barrow, Shilpi Kumar, and Sarah Pittman)

Proposal: Housing Research – Augmenting Traditional Healthcare Models in the State of Mississippi.

US\$30000

**2005-08 Hearin Foundation Funding for Research and Development**

The Robert M. Hearin Foundation, Mississippi

Role: Co-PI (With Dr. Larry Barrow, Shilpi Kumar, and Sarah Pittman)

Proposal: Graduate Program – Curriculum Development + Rural Healthcare – Smart Housing.

US\$270000 (\$170000 for research)

**2004-05 Research Initiation Program Grant**

Office of Research, Mississippi State University

Role: Principal Investigator

Proposal: Development and Evaluation of Social, Demographic and Healthcare Data in the State of Mississippi.

US\$7500

**2004-05 Humanities and Arts Research Program Grant**

Office of Research, Mississippi State University

Role: Principal Investigator

Proposal: Study of Demography and Medical Healthcare Models in the State of Mississippi.

US\$5000

**2.5. Other Funded Projects – Topics Sponsorships:**

**2020: Developing Perfume Craft in the UAE**

sponsored by IRTHI: The Contemporary Craft Council

Topic Sponsorship for Design Thinking and Multimedia Studio

AED100000 (US\$27200)

**2019: Engaging the Edge of the Company in Innovation Processes**

sponsored by Finabl

Topic Sponsorship for Design Thinking

AED50000 (US\$13500)

**2018: Engaging Technology to reduce natural gas consumption in underserved communities**

sponsored by Franklin Energy Services (w/Stuart School of Business)

Topic Sponsorship for Multidisciplinary Prototyping Workshop

US\$50000 (part of a multi-phase grant)

**2017: Communities and First Responders connect through technology**

sponsored by Motorola Solutions

Topic Sponsorship for Multidisciplinary Prototyping Workshop

US\$15000

**2013: A New Layover Experience at O'Hare Airport**

sponsored by Choose Chicago  
Topic Sponsorship for Interaction Design Workshop  
US\$25000

**2012: Extending Cancer Care**

sponsored by Memorial Sloan-Kettering Cancer Center  
Topic Sponsorship for Communication Design Workshop  
US\$25000

**2010: Placemaking in the Loop**

sponsored by the Chicago Loop Alliance  
Topic Sponsorship for Communication Design Workshop  
US\$25000

--- {at Mississippi State University} ---

**2007: Informatics Design for ARCC**

Sponsored by ARCC  
US\$2000

**2007: Informatics Design for Tupelo Furniture Market, MS.**

Sponsored by City of Tupelo, MS  
US\$9000

**2007: Informatics Design for Franklin Furniture Institute, MS.**

Sponsored by Mississippi State University  
US\$9000

**2007: Informatics and Branding Design for Saltillo Township, MS.**

Sponsored by Town of Saltillo, MS  
US\$7800.

**2007: Informatics Design for Alply Industries, MS.**

Sponsored by Alply Industries  
US\$6600.

**2005: Informatics and Visualization for Riley Education and Performing Arts Center, Meridian, MS.**

Sponsored by City of Meridian, MS  
US\$12700.

**2.6. Publications based on Research**

**2.6.1. Book Chapters:**

**[BC.1] Smart Cities as Democratic Ecologies**

Book Chapter: *Urban Research Machines: Engaging the Modern Urban Citizen*. Invited by editor - Dr. Daniel Araya; Palgrave Macmillan. 2015.

--- {at Mississippi State University} ---

**[BC.2] RFID Handbook: Applications, Technology, Security, and Privacy**

Book Chapter: *RFID Tagging and the Design of "Place"*. Invited by editors - Dr. Syed Ahson (Motorola Inc.) and Dr. Mohammad Ilyas (Florida Atlantic University); published by CRC Press in Spring 2008.

**2.6.2. Journal Publications (as Editor):**

**[E.1] Mathew, Anijo;** served as the guest editor for Spring 2008 edition of the ARCC journal. The theme of the journal was *Architecture as a Communicative Medium*. The issue invited papers that explore communication in its various forms in the design and/or critique of architecture.

- [E.2] **Mathew, Anijo**; *Editorial: Architecture as a Communicative Medium*. Published in the Spring 2008 edition of ARCC Journal. The ARCC Journal is the journal of The Architectural Research Centers Consortium (ARCC). The journal is a blind peer-reviewed journal that invites submissions on a wide variety of topics in architecture, interior design, industrial design, planning, and landscape architecture. The issues of the journal will occur twice a year and focus on specific themes of architectural research.

### 2.6.3. Peer-Reviewed Journal Publications (as Author):

- [J.1] **Mathew, Anijo**, Bodolica, V., Spraggon, M., *Powered by Design: How New Generation Family Business Leaders Use Design to Prove their Worth*. Journal TBD. Expected 2020-21
- [J.2] **Mathew, Anijo**, Kumar, S., Huvad, R., Yu, J. *Crafting Tomorrows: Design's evolving role in Futures Thinking*. She Ji: The Journal of Design, Economics, and Innovation (under review). 2020.
- [J.3] Miller, C., Kizhakke, V., Li, X., Manjarres, T., and **Mathew, Anijo**. *Research in and through Design: Prototypes as Forms of Investigation to Explore Energy Efficiency in Low-Income Communities*. Dialectic/Dialogue. 2019
- [J.4] **Forlano, L.** and **Mathew, Anijo**; *From Design Fiction to Design Friction: Speculative and Participatory Design of Values-Embedded Urban Technology*. Journal of Urban Technology, Special Issue on Urban Informatics. 2014
- [J.5] **Mathew, Anijo**; *On Design Education: Reviving the Design Studio for the Millennials* Published in the International Journal of Architecture, Conservation and Urban Studies (ABACUS). Ed. Dr. Manjari Chakraborty; Spring 2008 Issue.

--- {at Mississippi State University} ---

- [J.6] **Mathew, Anijo**; *Interactive Dynamic Simulations: Experiencing Place through Digital Representation*. International Journal of Architecture, Conservation and Urban Studies (ABACUS). Ed. Ajay Khare; Fall 2006 Issue.
- [J.7] **Mathew, Anijo**; and Barrow, Larry; *Digital Design Methodology and Terminology: Evolving a Formal Language Framework for Pedagogy and Practice*. E-Journal: EAAE "Writings in Architectural Education" 2003-2005.

### 2.6.4. Other Reviewed Journal Publications:

- [R.1] **Mathew, Anijo**; and Erwin, Kim; *Step Away from the Projector: Storytelling through Experiences*; Design Management Review, Fall 2013 Issue.

--- {at Mississippi State University} ---

- [R.2] **Mathew, Anijo**; *Smart Homes for Healthcare*; ArchitectureWeek; February 2006 edition.

### 2.6.5. Peer-Reviewed Conference Publications (in Proceedings):

- [C.1] **Mathew, Anijo**. *Four cities, Four speculations: Using Design Fiction to imagine new urban futures*. Learning Futures – Futures of Learning, Helsinki, Finland. 8-9 June 2021.
- [C.2] **Mathew, Anijo**, Kumar, S., Huvad, R., Yu, J. *Learning from Yesterday's Tomorrows: Extending the Futures Cone for Design Fiction*. Learning Futures – Futures of Learning, Helsinki, Finland. 8-9 June 2021.
- [C.3] Samuels, J. T., **Mathew, A. P.**, Kommanivanh, C., Kwon, D., Gomez, L., Thunder, B., ... & LaQueens, L. *Art, Human Computer Interaction, and Shared Experiences: A Gun Violence Prevention Intervention*. In Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (p. D404). ACM. 2018
- [C.4] Baek, Knowl; Duke, Kyle; Lou, Roy; Lee, Monica; **Mathew, Anijo**; *Human API as a Research Source in Health Care*. In Proceedings of the 2013 Ethnographic Praxis in Industry Conference (EPIC), Royal Institution, London, UK. September 15-18, 2013.

- [C.5] Forlano, Laura; and **Mathew, Anijo**; *Codesigning Urban Communication: Emerging Methods for Understanding the Role of Media and Technology in Cities*; In Proceedings of the Communication and the City: Voices, Spaces, Media, University of Leeds, Leeds, UK. June 14-15, 2013.
- [C.6] Braun, Lauren; Rivera, Jaime; Mello, Jose; Hindi, Kareem; Lin, Lee; Patel, Keta; and **Mathew, Anijo**; *SkyWords*. Presented as part of CHI '13: Videos – In the Extended Abstracts of the 2013 ACM SIGCHI Conference on Human Factors in Computing Systems, Paris, France. ACM Press, New York, NY. Apr 27-May 2, 2013.
- [C.7] Erwin, Kim; and **Mathew, Anijo**; *What's after the "transfer" model? Constructed Story Environments as a new method for communicating design*. In Proceedings of the 8th International Conference on Design & Emotion, London, UK, September 11-14, 2012.
- [C.8] Lee, Min; Tashakorinia, Zahra; McIntyre, Margaret; Mallier, Anthony; Serr, Rebecca; **Mathew, Anijo**; and Basapur, Santosh; *The Connec-table: Visualizing Social Information to enable Proximal Interactions between Strangers*. In Proceedings of the 2012 ACM Designing Interactive Systems, Newcastle, UK, June 11-15, 2012.
- [C.9] **[won Best Paper award at DIS 2012]**  
Kodinsky, David; Nguyen, Tuduyen Annie; Skelton, William; Kaur, Parminder; Yin, Yu; **Mathew, Anijo**; and Basapur, Santosh; *Interactive Philanthropy: An interactive public installation to explore the use of gaming for charity*. In Proceedings of the 2012 ACM conference on Designing Interactive Systems, Newcastle, UK, June 11-15, 2012.
- [C.10] **[nominated for Creativity and Cognition 2011 Award for Best Contribution to Creative Communication]**  
**Mathew, Anijo**; Rogers, Yvonne; and Lloyd, Peter; *Post-it Note Art: Evaluating Public Creativity at a User Generated Art Installation*. In Proceedings of the ACM Creativity and Cognition'11, Georgia Institute of Technology, Atlanta GA. ACM Press, New York, NY. November 3–6, 2011
- [C.11] **Mathew, Anijo**; *Interactive placemaking: Three critical enquiries into urban interactions in place*. In Proceedings of the 2011 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA), hosted by the University of Calgary, Banff, CA. October 11-16, 2011.
- [C.12] **Mathew, Anijo**; *Art Loop Open: Designing for the intersection of Art and Technology in an Urban Public Exhibition*. In CHI '11: Case Study (Long) – In the Extended Abstracts of the 2011 ACM SIGCHI Conference on Human Factors in Computing Systems, Vancouver, BC, Canada. ACM Press, New York, NY. May 7–12, 2011
- [C.13] **Mathew, Anijo**; *Just in Place Learning: A Novel Framework for Employing Information in "Place" for Urban Learning Environments*. In Proceedings of the 2010 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA), hosted by The Cooper Union, New York. October 21-24, 2010
- {at Mississippi State University} ---
- [C.14] **Mathew, Anijo**; and Taylor, Justin; *AuralScapes: Engaging Ludic Ambiguity in the Design of a Spatial System*. In CHI '08: alt.CHI – In the Extended Abstracts of the 2008 ACM SIGCHI Human Factors in Computing Systems, Florence, Italy. CHI '08. ACM Press, New York, NY, Pages 2533-2542. April 4-10, 2008
- [C.15] **Mathew, Anijo**; *Beyond Technology: Efficiency, Aesthetics, and Embodied Experience*. In Proceedings of the 2007 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA), in conjunction with the Canada Design Research Network (CDRN) in Halifax, Nova Scotia; hosted by the Dalhousie University School of Architecture and NSCAD University. October 1-7, 2007
- [C.16] Satpathy, Lalatendu; and **Mathew, Anijo**; *"Smart" Housing for the Elderly: Understanding Perceptions and Biases of Rural America*. In Proceedings of the 2007 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA), in conjunction with the Canada Design Research Network (CDRN) in Halifax, Nova Scotia; hosted by the Dalhousie University School of Architecture and NSCAD University. October 1-7, 2007
- [C.17] Singh, Vikash; and **Mathew, Anijo**; *WalkMSU: An Intervention to Motivate Physical Activity in University Students*. In CHI '07 Extended Abstracts of the 2007 ACM SIGCHI Conference on Human Factors in Computing Systems, San Jose, CA. CHI '07. ACM Press, New York, NY, Pages 2657-2662. April 28 – May 3, 2007).

- [C.18] Kochak, Sneha; and **Mathew, Anijo**; *Design of a Personal Interface in a University Gymnasium to Encourage Student Usage*. In Proceedings of the 2006 CSCW (Computer Supported Cooperative Work) international conference held at the Banff, Alberta, Canada, November 4-8, 2006.
- [C.19] Singh, Vikash; and **Mathew, Anijo**; *Nurse-Resident Interface for Efficient Workflow: Case Study and Design*. In Proceedings of the 2006 CSCW (Computer Supported Cooperative Work) international conference held at the Banff, Alberta, Canada, November 4-8, 2006.
- [C.20] Taylor, Justin; Williams, Joe; and **Mathew, Anijo**; *The Significance of Arrhythmic Sounds in Interior Space*. In Proceedings of the 2006 CSCW (Computer Supported Cooperative Work) international conference held at the Banff, Alberta, Canada, November 4-8, 2006.
- [C.21] **Mathew, Anijo**; *Aesthetic Interaction: A Model for Re-thinking the Design of Place*. In Proceedings of the 2006 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA) themed *Synthetic Landscapes*, University of Kentucky, held at Louisville, Kentucky. October 12-14, 2006.
- [C.22] Taylor, Justin; and **Mathew, Anijo**; *The Value of Arrhythmic Sounds in Isolated Space*. In Proceedings of the 2006 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA) themed *Synthetic Landscapes*, University of Kentucky, held at Louisville, Kentucky. October 12-14, 2006.
- [C.23] Satpathy, Lalatendu; and **Mathew, Anijo**; *RFID Assistance System for Faster Book Search in Public Libraries*. In the Extended Abstracts of the 2006 ACM SIGCHI Conference on Human Factors in Computing Systems, Montréal, Québec, Canada. CHI '06. ACM Press, New York, NY, Pages 1289 – 1294. April 22 - 27, 2006.
- [C.24] Satpathy, Lalatendu, Pierce, Nathaniel; and **Mathew, Anijo**; *Cat Eye: An Assistance System for Independent Shopping*. Proceedings of 2006 International Conference on Aging, Disability, and Independence (ICADI) national conference in St. Petersburg, FL. February 1-5, 2005.
- [C.25] **Mathew, Anijo**; and Satpathy, Lalatendu; *Smart Spaces, Responsive Environments, and Assistive Technology: The Role of the Designer*. In Proceedings of 2006 International Conference on Aging, Disability and Independence (ICADI) national conference in St. Petersburg, FL. February 1-5, 2005.
- [C.26] **Mathew, Anijo**; *Smart Homes for the Rural Population: New Challenges and Opportunities*, Proceedings of the 2005 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA) themed *Smart Architecture: Integration of Digital and Building Technologies* / ISBN 0-9772832-0-8] Savannah, Georgia. Pages 24-35. October 13-16, 2005
- [C.27] Barrow, Larry; and **Mathew, Anijo**; *Digital Design and Manufacturing – A New Era of Visualization and Representation*. Proceedings of 2005 Design Communication in Architecture (DCA) bi-annual national conference at Montana State University in Bozeman, MN themed *Pixel Pencil Progression*. August 31 - September 3, 2005.
- [C.28] **Mathew, Anijo**; *The Use of Interactive Dynamic Simulations for the Purpose of Architectural Presentation*. In Proceedings of 2005 ARCC (Architectural Research Centers Consortium) National Conference on Architectural Research in Jackson, MS entitled, *The Reach of Research*. Mississippi State University - College of Architecture, Art & Design. April 6-9, 2005.
- [C.29] **Mathew, Anijo**; *Using the environment as an interactive interface to motivate positive behavior change in a subway station*. In Extended Abstracts on 2005 ACM SIGCHI Conference Human Factors in Computing Systems, Portland, OR, USA. CHI '05. ACM Press, New York, NY, Pages 1637-1640. April 2-7, 2005

#### 2.6.6. Other Peer Reviewed Work (in Proceedings):

- [W.1] Dalton, Nicholas; Green, Keith; Marshall, Paul; Dalton, Ruth; Hoelscher, Christoph; and **Mathew, Anijo**; *Ar-CHI-ecture: Architecture and Interaction*. Workshop Proposal in Extended Abstracts of 2012 ACM SIGCHI Conference on Human Factors in Computing Systems. Austin, TX, May 5-10, 2012.
- [W.2] Basapur, Santosh; and **Mathew, Anijo**; *Thinkering for Design and Emotions Research*. Workshop Proposal in Proceedings of the 7th International Conference on Design & Emotion. Chicago, October 4-7, 2010.

- [W.3] **Mathew, Anijo**; MacTavish, Tom; Donovan, Jared; and Boer, Laurens; *Materialities Influencing the Design Process*. Workshop Proposal in Proceedings of the 2010 ACM Designing Interactive Systems Conference. Aarhus, Denmark. August 16-20, 2010.

--- {at Mississippi State University} ---

- [W.4] Pobiner, Scott; **Mathew, Anijo**; and Taylor, Justin; *What is a CHI Portfolio?* Design Community Event in Extended Abstracts of 2008 ACM SIGCHI Conference on Human Factors in Computing Systems; Florence, Italy, April 5-10, 2008.
- [W.5] Pobiner, Scott; and **Mathew, Anijo**; *Who killed Design?* Interactive Session. CHI 2007 Trends; In Extended Abstracts of CHI 2007 ACM SIGCHI Conference on Human Factors in Computing Systems, San Jose, CA. April 28 – May 3, 2007  
Panelists who participated: Meg Armstrong (*Parsons The New School for Design*); Bill Moggridge (*IDEO*); Terry Winograd (*Stanford HCI*); Bill Buxton (*Microsoft Research*).
- [W.6] **Mathew, Anijo**; *Aesthetic Interaction: A Model for Re-thinking the Design of Place*, In Proceedings of the Mississippi State University College of Architecture, Art, and Design Research Symposium. November 10, 2006.
- [W.7] **Mathew, Anijo**; *Smart Homes for the Rural Population: New Challenges and Opportunities*, In Proceedings of the Mississippi State University College of Architecture, Art, and Design Research Symposium. November 10, 2006.
- [W.8] **Mathew, Anijo**; and Senagala, Mahesh; *Smart Futures*. Plenary Session in the Proceedings of ACADIA (Association for Computer-Aided-Design in Architecture) annual international conference entitled - *Synthetic Landscapes*, University of Kentucky, held at Louisville, Kentucky October 12-14 2006.  
Panelists: Michael Fox (Fox Lin Inc.), John Nastasi (Nastasi Architects), Tristan d'Estree Sterk (oframBFRA), Murali Paranandi (Miami University).

#### 2.6.7. Peer-Reviewed Conference Presentations and Workshops (no Proceedings):

--- {at Illinois Institute of Technology} ---

- [P.1] **Mathew, Anijo**; Cook, Aaron. *Whole view of innovation: Re-thinking innovation education in institutions of higher learning*. 2018 Global Consortium of Entrepreneurship Centers (GCEC) conference. DePaul University + Illinois Institute of Technology. October 18-20, 2018.
- [P.2] Barron, Esther; Harper, Heather; **Mathew, Anijo**; Harper, Reed. *Let's Collaborate on Collaboration Agreements*. Workshop at the 2018 Transactional Clinical Conference – Breaking Barriers to Entrepreneurship. Illinois Institute of Technology, Kent Law School. April 27-28, 2018.
- [P.3] Forlano, Laura; and **Mathew, Anijo**; *Designing Policy for Urban Informatics*; Presented at the Panel on Citizen Participation, Symposium on Urban Informatics: Exploring Smarter Cities, Drexel University, Philadelphia, PA. June 11, 2013.
- [P.4] Tashakorinia, Zahra; McIntyre, Margaret; Lee, Min; Mallier, Anthony; Serr, Rebecca; **Mathew, Anijo**; and Basapur, Santosh; *The Table: An Interactive Experience that Blends Physical and Digital*. Paper presented at the 6<sup>th</sup> International Conference on Design Principles and Practices, University of California, Los Angeles, January 20-22, 2012.
- [P.5] **Mathew, Anijo**; *Art Loop Open: How technology helped build an inside out museum in Chicago*. Case study presented at the 39<sup>th</sup> annual conference of the Museum Computer Network (MCN), Atlanta, GA. November 16-19, 2011.

#### 2.6.8. Student Publications and Competitions (based on work from classes I taught):

- [S.1] Miller, Christine; Manjarres, Thomas; Kizhakke, Vinod. *Research through Design: Prototypes as Forms of Investigation to Explore Energy Efficiency in Low Income Communities*. Presented at the DECIPHER: 2018 Design Educators Research Conference. University of Michigan. Ann Arbor. 2018 {project completed as part of Multidisciplinary Prototyping Workshop}
- [S.2] Aaron Cook. 2017. *Paranovirus: Bridging Realities Using Digital Media Simulations*. In Proceedings of the Eleventh International Conference on Tangible, Embedded, and Embodied

Interaction (TEI '17). ACM, New York, NY, USA, 733-738. 2017 {influenced by projects in Interactive Spaces}.

- [S.3] Paul Keck, Jorge Angarita, Jennifer Gzesh, Leticia Baiao, Maggee Bond, & John Trotti; *The City Listens*. Finalist in the IxDA 2013 Interaction Awards, chosen as one of 75 projects shortlisted for the award. 2013 {project completed as part of Interactive Media Workshop}
- [S.4] Farid Talhame, Diana Cheng, Pinxia Ye, Helen Tong, Na Rae Kim, Sarah Ekblad, & Wei Sun; *Urban Forest*. Finalist in the IxDA 2013 Interaction Awards, chosen as one of 75 projects shortlisted for the award. 2013 {project completed as part of Communication Design Workshop}
- [S.5] Tuduyen Annie Nguyen; *Buy Locally, Connect Locally*. 1 of 2 Finalists, Honorable Mention in IDEO/Design 21's The Living Climate Change Video Challenge. Also among the top 11 of concepts for the 2011 OpenIDEO Challenge. 2011 {project completed as part of Foundation Digital Media taught along with Sal Cilella}
- [S.6] Daniel Erwin, Yixiu Wu, & Radhika Gupta; *Scoop*. Finalist in the IxDA 2010 Student Design Competition. IxDA, Savannah, GA. 2010. {project completed as part of Interactive Media Workshop}
- [S.7] Jared Allen, JaeSung Park, JunYoung Yang, & Maggie Venema; *Sticki*. Honorable Mention in the IxDA 2010 Student Design Competition. IxDA, Savannah, GA. 2010. {project completed as part of Interactive Media Workshop}
- [S.8] Juan Salamanca, Timothy Miller, & Anthony Leidolf; *Storytelling Platform Based on Emotional Levels*. In Proceedings of the 2009 Conference of the International Association of Societies of Design Research: Rigor and Relevance in Design. Seoul, South Korea. 2009. {project completed as part of Interactive Media Workshop}

--- {at Mississippi State University} ---

- [S.9] Non-reviewed specialized book based on Master's thesis: Technology to Aid Aging in Place - New Opportunities and Challenges – Lalatendu Satpathy and Anijo Mathew; VDM Verlag; 2007.
- [S.10] Satpathy, Lalatendu; Seminar Presentation: *Cat Eye: An Assistance System For Independent Shopping for Physically Challenged and Visually Impaired People*. Presented at the Graduate Research Symposium, Mississippi State University, Mississippi State. 2006. {project completed as part of Interactive Media}
- [S.11] **[Awarded Best of Show (Graduate Observation Image category)]**  
Bagavandas, Mythili; *Chapel on Mt. Rokko, Kolle, Hyogo by Tadao Ando*. Presented at the DCA Juried Design Communication Exhibition. Design Communications in Architecture (DCA) National Conference; Montana State University. 2005. {project completed as part of Digital Design Studio}
- [S.12] **[Citation Award (Graduate Design Image category)]**  
Bagavandas, Mythili; *Mexican Colors*; Presented at the Design Drawing Exhibition. DCA Juried Design Communication Exhibition. Design Communications in Architecture (DCA) National Conference; Montana State University. 2005. {project completed as part of Digital Design Studio}
- [S.13] Wang, Guochang; *Lycée Jules Verne School designed by Architecture Studio*; Presented at the DCA Juried Design Communication Exhibition. Design Communications in Architecture (DCA) National Conference; Montana State University. 2005. {project completed as part of Digital Design Studio}
- [S.14] Palamwar, Vrushali; *Room Interior*; Presented at the Design Drawing Exhibition. DCA Juried Design Communication Exhibition. Design Communications in Architecture (DCA) National Conference; Montana State University. 2005. {project completed as part of Digital Design Studio}
- [S.15] Palamwar, Vrushali; *Chapel for the Capuchinas Sacramentarias del Purismo Corazon*; Presented at the Design Drawing Exhibition. DCA Juried Design Communication Exhibition. Design Communications in Architecture (DCA) National Conference; Montana State University. 2005. {project completed as part of Digital Design Studio}
- [S.16] Wang, Guochang; images published - *ELEMENTAL - The World's Best Discreet Art*. Ballistic Publication, 2004. {project completed as part of Digital Design Studio}

## 2.7. Interactive and Art Exhibitions/Installations

- [E.1] **National Youth Art Movement at the Nobel Peace Prize Forum.** An interactive AR installation engaging the power of creativity and technology to fight against gun violence. Augsburg, MN. Fall 2017 {project completed as part of Vamonde with Janice Samuels}. <http://peace.augsburg.edu/>
- [E.2] **#Happiness in Chicago.** An interactive installation exploring the role of Big Data in Chicago. Part of Chicago Architecture Foundation Exhibition *Chicago: City of Big Data*. Spring 2014 {project completed as part of Communication Design Workshop, student team: Jeremy Brown, Minji Kim, Meng Liu, Aaron Otani}
- [E.3] **Consider Chicago.** An interactive installation exploring the role of Big Data in Chicago. Part of Chicago Architecture Foundation Exhibition *Chicago: City of Big Data*. Spring 2014 {project completed as part of Communication Design Workshop, student team: Adrian Cabrera, Jackson Cui, Nabila Nowrin, Shiyi Li}
- [E.4] **Multiplicity.** An interactive installation exploring the role of Big Data in Chicago. Part of Chicago Architecture Foundation Exhibition *Chicago: City of Big Data*. Spring 2014 {project completed as part of Communication Design Workshop, student team: Sarah Ekblad, Wei Sun, Kwame Green, Kirubakaran Reg Barnabas Prabakaran}
- [E.5] **SkyWords.** Interactive installation at the Chicago City Hall as part of the 2012 Chicago Cultural Plan Initiative developed for City of Chicago's Department of Cultural Affairs and Special Events (DCASE) to help in researching for the 2012 Chicago Cultural Plan. April – May 2012 {project completed as part of Interactive Media Workshop, student team: Lauren Braun, Kareem Hindi, Lee Lin, Jose Mello, Jaime Rivera}
- [E.6] **The City Listens.** Interactive installation at the Old Town School of Folk Music as part of the 2012 Chicago Cultural Plan Initiative developed for City of Chicago's Department of Cultural Affairs and Special Events (DCASE) to help in researching for the 2012 Chicago Cultural Plan. April – May 2012 {project completed as part of Interactive Media Workshop, student team: Jorge Angarita, Leticia Baiao, Jen Gzesh, Paul Keck}
- [E.7] **ZeroZero.** Interactive installation in the Sullivan Center (Carson Pirie Scott Building) as part of the State Street Placemaking Initiative developed for Chicago Loop Alliance. December 2010-March 2011. {project completed as part of Communication Design Workshop, student team: Sally Wong, Elise Metzger, Joseph Shields, Brian Strawn, Eugene Limb}
- [E.8] **WishState.** Augmented Reality installation at the median on State and Wacker and the WIT hotel as part of the State Street Placemaking Initiative developed for Chicago Loop Alliance. December 2010-February 2011. {project completed as part of the Communication Design Workshop, student team: Chao Su, Christopher Royer, Cynthia Coleman, Joohyun Lyoo, Lawrence Abrahamson}
- [E.9] **Urban Forest 37.** Interactive installation in Block 37 as part of the State Street Placemaking Initiative developed for Chicago Loop Alliance/Block 37. December 2010-February 2011. {project completed as part of Communication Design Workshop, student team: Helen Tong, Na Rae Kim, Diana Cheng, Farid Talhame, Pinxia Ye}
- [E.10] **Art Loop Open.** Experience design for the Chicago Loop Alliance sponsored Art Loop Open included cohesive digital experiences through the exhibition as well as an integrated Hub37 designed and developed in partnership with Microsoft, Clarity Consulting, and others. October 2010. {research team: David Kodinsky, Raphael D'Amico, Joe Fleischacker, Lawrence Abrahamson}

## 2.8. Invited Articles/Media Impressions/Other citations:

- [A.1] **Broadway World: The Rolling Stones EXHIBITIONISM Partners With Vamonde To Create Digital Tour**  
Broadway World's coverage of Vamonde's partnership with Rolling Stones Exhibitionism in Chicago.  
<http://www.broadwayworld.com/chicago/article/The-Rolling-Stones-EXHIBITIONISM-Partners-With-Vamonde-To-Create-Digital-Tour-20170427>
- [A.2] **Built in Chicago: These 6 Chicago startups are shaping the future of VR**  
Built in Chicago lists Vamonde as one of the 6 startups working on virtual/augmented reality experiences in Chicago.  
<http://www.builtinchicago.org/2016/09/13/virtual-reality-startups-chicago>

- [A.3] **WGN Radio: We wanted to build a storytelling platform that connects you to physical place**  
WGN Radio interview of Shanti Mathew (ID MDes'15) and me on the development of Vamonde.  
<http://wgnradio.com/2016/04/27/we-wanted-to-build-a-storytelling-platform-that-connects-you-to-physical-place-anijo-and-shanti-mathew-and-their-local-tourism-app-vamonde/>
- [A.4] **Built in Chicago: This startup wants you to get off your couch and explore the world**  
Built in Chicago's coverage of Vamonde and its impact on Chicago.  
<http://www.builtinchicago.org/2016/04/22/vamonde-digital-storytelling-geolocation>
- [A.5] **Advisor TV: Anijo Mathew, CEO, and Founder of Vamonde, the Next Game Changer**  
Advisor TV's interview of my research and launch of Vamonde.  
<http://advisor.tv/next-game-changer/s8e8-anijo-mathew-ceo-and-founder-of-vamonde>
- [A.6] **Chicago Inno: An IIT Professor Just Launched Vamonde, A Create-Your-Own-Adventure Storytelling App**  
Chicago Inno's coverage of the Vamonde launch.  
<http://chicagoinno.streetwise.co/2015/12/28/storytelling-app-vamonde-lets-users-create-their-own-adventure/>
- [A.7] **Melody Warnick: This may be the first time a video for an app made me tear up.**  
Melody Warnick, the author of *This is where you belong: The Art and science of loving the place you live*, in her blog provides high praise for the Vamonde video  
<http://melodywarnick.com/2015/12/this-may-be-the-first-time-a-video-for-an-app-made-me-tear-up/>
- [A.8] **Placebrands: Place storytelling in your pocket**  
Placebrands is a branding blog that covered the development of Vamonde and its impact on place-branding and place-based storytelling  
<http://placesbrands.com/place-storytelling-on-tap-vamonde/>
- [A.9] **CHANGE: Are you ready for the information economy?**  
Godrej & Boyce's internal publication CHANGE invited me to write an article about the information economy and its effects on the world; published in the Jan 2012 issue.  
[http://issuu.com/godrej/docs/jan\\_2012/11The](http://issuu.com/godrej/docs/jan_2012/11The)
- [A.10] **DIALOGUE: The World of Design Research**  
Gensler's publication DIALOGUE's special edition on "Design Research" features an interview with me highlighting my research on placemaking and technology.  
<http://bit.ly/grPBVH> - page 24.
- [A.11] **PSFK Report: The Future of Mobile Tagging**  
A PSFK report cites Art Loop Open as a project using cutting-edge tagging technology for art and exhibition. An IIT ID team led by me developed and implemented the experience design for Art Loop Open.  
<http://www.psfk.com/future-of-mobile-tagging> - page 76
- [A.12] **Medill Reports: Art Loop Open gets Wired**  
Medill Reports, the daily publication of Northwestern's Medill School of Journalism features a front page story on the interaction design of Chicago's Art Loop Open conceived and developed by a research team led by me at IIT Institute of Design.  
<http://news.medill.northwestern.edu/chicago/news.aspx?id=170772>
- [A.13] **Chicago Reader: Art That Commerce Can Get Behind**  
Chicago Reader describes Art Loop Open and mentions IIT Chicago's experience design for the event.  
<http://www.chicagoreader.com/chicago/grand-rapids-art-prize-chicago-art-loop-open/Content?oid=2272834>
- [A.14] **Medill Reports: Augmented reality at our fingertips**  
Medill Reports, the daily publication of Northwestern's Medill School of Journalism interviewed me about augmented reality and its application in design.  
<http://news.medill.northwestern.edu/chicago/news.aspx?id=163730>
- [A.15] **Medill Reports: Point and click your phone to get the inside dope on just about anything**  
Medill Reports, the daily publication of Northwestern's Medill School of Journalism interviewed me about augmented reality and its application in design.  
<http://news.medill.northwestern.edu/chicago/news.aspx?id=163465>

--- {at Mississippi State University} ---

**[A.16] Look... it's alive!**

Report from the ACADIA 2007 Metabolic Network Sensory Workshop  
CDRN (Canadian Design Research Network) Newsletter October 29 issue  
Invited by Philip Beesley, Douglas MacLeod (Executive Director), and Kate Andronov  
(Communications Coordinator) of CDRN. 2007.

--- {at Harvard University} ---

**[A.17] World Trade Center Memorial Site Competition**

<http://www.wtcsitememorial.org/ent/entl=832520.html>. 2003.

## 2.9. Invited Keynotes, and Talks

**2017: Keynote speaker at MADE/Barnraise, Edmonton, Canada**

*Reframing Innovation: how design-led initiatives can lead to disruptive impact*  
Edmonton, AL, Canada. March 17, 2017.

**2017: Keynote speaker at Urban Land Institute, Chicago**

*Development Disruptors: Defining the Future for Cities & Urban Places*  
Chicago, IL. March 8, 2017.

**2016: Keynote speaker/Workshop leader at International Group of Downtown Stores**

With Jeff Hsu (MDM'12) – Chief Innovation Officer, Far Eastern Group  
*Innovating Retail for the Future*  
Taipei, Taiwan. November 12, 2016.

**2016: Closing Plenary at International Downtown Association Annual Conference, Atlanta**

*Urban technology disruptors: how social and technology disruptions change our lives in cities*  
Atlanta, GA. September 9, 2016

**2015: Guest speaker/Workshop leader to WIPRO Global 100**

*Design-led Innovation*  
Bengaluru, India. April 11, 2015.

**2015: Lecture series speaker at University of Chicago Booth School of Business**

*Design-led Innovation and Prototyping*  
Chicago, IL. April 6, 2015.

**2015: Lecture series speaker at UIC College of Urban Planning and Public Affairs**

*Place in-formation*  
Chicago, IL. January 29, 2015.

**2014: Keynote speaker at Capital One/Tech Nexus**

*Maker Mixer: Design-led Innovation*  
Chicago, IL. October 28, 2014

**2014: Lecture series speaker at Ball State University**

*Place in-formation*  
Muncie, IN. November 24, 2014.

**2014: Keynote speaker at Knowledge of Design Week in Hong Kong**

*Information landscapes and the disruption of urban retail and hospitality*  
Hong Kong Design Centre/Hong Kong, June 25, 2014.

**2014: Keynote speaker at IDSA Midwest Conference, Chicago**

*Synthetic Economies - future playgrounds of politics, business, and human interaction*  
Chicago, IL. April 26, 2014.

**2014: Keynote Speaker at Chicago Park Advocacy Conference**

*Placemaking and the City*  
Friends of the Park, March 29, 2014.

**2013: Keynote speaker at CII-NID Design Summit, New Delhi**

*Synthetic Economies - future playgrounds of politics, business, and human interaction*  
New Delhi, India. November 26-27, 2013.

Other Speakers: Jamshyd Godrej (*Godrej*), Kathleen Brandenburg (*IA Collaborative*), Kyun-Po Lee (*KAIST*), Nelly Ben Hayoun (*SETI*), Jeroen van Erp (*Fabrique*), John Mathers (*UK Design Council*), Patrick Whitney (*IIT-ID*)

**2013: Invited Keynote at National Building Museum**

*Social and Ethical Implications of Intelligent Environments*

National Academy of Environmental Design, February 22, 2013.

Other Panelists: Susan Piedmont-Palladino (curator, National Building Museum), Thomas Fisher (Dean, University of Minnesota College of Design), Michelle Cullen (IBM), Andrew Turner (ESRI), Erik Steiner (Stanford University).

**2012: Panelist and Speaker at Gensler Dialogue Series**

*Education + Culture Practice Area: urban campuses.*

Gensler, Chicago October 4, 2012.

Other Panelists: Julie Burros (Director of Culture, City of Chicago), and Gwen Drury (Independent consultant and researcher on social ergonomics).

**2012: Keynote speaker 2012 Knowledge of Design Week in Hong Kong**

*Place: the new playground for innovative user experiences*

Hong Kong Design Centre/Hotel ICON June 29, 2012.

**2012: Speaker at Motorola Mobility/Google**

*the Human API*

Motorola Consumer Experience Division June 21, 2012.

**2012: Panelist at UNO Charter Schools/UrbanWorks Panel**

*Library of the Future*

Instituto Cervantes June 7, 2012.

Other Panelists: Patricia Saldaña Natke, (UrbanWorks); Amy Yurko, (Brain Spaces); Julianne Scherer (Nagle Hartray); Jeanette Pierce (Loyola University Chicago), moderated by Lee Bey (WBEZ Architectural Correspondent)

**2012: Workshop at Chicago Public School**

*Prototyping Workshop Series*

Northside Prep High School

Chicago, IL. May 14-15, 2011

**2012: Speaker and panelist at Strategy Conference 2012**

*New Media experiences*

Venue Six10

Chicago, IL. May 10, 2011

**2012: Keynote speaker at Gensler's Annual Retreat**

*The city as a platform for the information economy*

Hamburger University, Chicago February 4, 2012.

Other speakers: Susan Piedmont-Palladino (*National Building Museum*)

**2011: Keynote speaker and panelist at CII-NID Design Summit, New Delhi**

*Design at the Fuzzy Front end of Business*

New Delhi, India. December 8-9, 2011.

Other Speakers: Vijay Kumar (*IIT ID*), James Woudhuysen (*De Montfort University*), Prasad Boradkar (*Arizona State University*), Erik Jan Hultink (*TU Delft*), Ajai Choudhry (*HCL*), Pradyumna Vyas (*NID*)

**2011: Speaker and panelist at Chicago Artists Coalition**

*Technology + Art*

CAC Seminar and Workshop Series

Chicago, IL. July 23, 2011

**2011: Speaker at Gensler**

*The city and interface*

iLAB NEW FRONTIERS Lecture Series

Chicago, IL. July 13, 2011

**2011: Speaker and panelist at International Downtown Association Conference**

*Technology in Place*

2011 Conference Breakout Session and Panel  
Chicago, IL. April 6, 2011

**2010: C-E-O 2010**

*The Influence of Technology-Mediated "Tribes" on Business and Design*

2010 Conference Breakout Session  
Chicago, IL. November 6, 2010

--- {at Mississippi State University} ---

**2007: Interactive Session at CHI 2007**

*Who killed Design?*

Interactive Session at CHI 2007 Trends. Panelists: Meg Armstrong (*Parsons The New School for Design*); Bill Moggridge (*IDEO*); Terry Winograd (*Stanford HCI*); Bill Buxton (*Microsoft Research*).  
San Jose, CA. April 30, 2007

**2007: Keynote Presentation at ARCC 2007**

*Interactive Architecture: Re-thinking the Design of Place*

Keynote Presentation at ARCC 2007 Spring Research Conference: "Green Challenges in Research, Practice, and Design Education"  
Eugene, Oregon. April 18, 2007.

**2006: Plenary Session at ACADIA 2006**

*Smart Futures.*

Plenary Session at 2006 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA) themed *Synthetic Landscapes*, University of Kentucky, held at Louisville, Kentucky 12-14 October 2006. Panelists: Michael Fox (*Fox Lin Inc.*), John Nastasi (*Nastasi Architects*), Tristan d'Estree Sterk (*oframBFRA*), Murali Paranandi (*Miami University*).  
Louisville, KY. October 13, 2006.

**2.10. Patents:**

--- {at Mississippi State University} ---

**Provisional Patent Application – Interactive Eyewear Apparatus and Method for Independent Shopping**

S. No. 60/763866 (Disclosure # 04-1214-127) with Mississippi State University - Office of Intellectual Property and Technology Licensing. Design Research & Informatics Lab with co-inventors: Larry Barrow, Sarah Pittman, Shilpi Kumar, Lalatendu Satpathy and Nate Pierce.

**2.11. Other Support, Publications, and Reports:**

Lee, Eun-Jeong; Krishnamurthy, Mahesh; and **Mathew, Anijo**; *Designing Electronic Assistive Device with People with Spinal Cord Injury Using a Community Based Participatory Research Model*; Consultant for an electronic aid to daily living (EADL) through interdisciplinary collaboration between engineers, psychologists, rehabilitation professionals, and individuals with disability. 2015.

Forlano, Laura; and **Mathew, Anijo**; *Designing Policy Toolkit*; Toolkit for public use generated as part of the Urban Communication Foundation White Paper. Available at <http://designingpolicytoolkit.org>; 2013.

Forlano, Laura; and **Mathew, Anijo**; *Designing Policy White Paper*; Policy brief submitted to Urban Communication Foundation as a White Paper; 2013.

--- {at Mississippi State University} ---

**Mathew, Anijo**; *Development and Evaluation of Social, Demographic and Healthcare Data in the State of Mississippi*; Technical Report submitted to the Office of Research at Mississippi State University in fulfillment of the Research Initiation Grant 2004-05.

### 3. TEACHING

#### 3.1. Teaching (Curriculum Development):

##### **IEN 301 Innovation and Entrepreneurship Mindset**

From 2020, the American University of Sharjah plans to offer a university-wide course called IEN 301 Innovation and Entrepreneurship Mindset. The course covers the design thinking process and entrepreneurship practices. It is based on Stanford University's IE301 course and as recommended by the UAE Ministry of Education. I am working with professors from different departments on campus, led by the Vice Provost of Academics to design, pilot, and implement this course at AUS.

##### **Multidisciplinary Prototyping for Entrepreneurship**

In the Spring of 2016, I developed a new class at IIT ID called Multidisciplinary Prototyping for Entrepreneurship. The initiative brought together students from different academic units at Illinois Tech to work in multidisciplinary projects. These classes are supported by Chicago based companies and organizations and are focused on social challenges. The organizations learn about design methods and tools, while the students are encouraged to come up with entrepreneurial ideas to tackle the social challenges. Several of the projects have received further venture funding.

##### **Godrej Horizon and Leadership Programs (with Patrick Whitney and Navroze Godrej)**

In Fall 2015, I worked with Navroze Godrej from Godrej and Boyce, and Dean Patrick Whitney to prototype and develop curriculum for two programs at Godrej and Boyce in India. These initiatives were designed with the explicit goal of catalyzing an above-average growth for the company by encouraging and enabling an extensive innovation culture at the company. The programs focused on building an innovation culture by identifying talent within Godrej and working on Horizon 1, 2, and 3 projects that the company identified.

##### **Collaboration with ITM/SAT (with Alon Friedman, Stan Ruecker)**

In the Spring of 2013, I worked with Alon Friedman and Stan Ruecker to develop a collaborative class between the Information Technology & Management Degree Program at the School of Applied Technology and the MDes program at the IIT Institute of Design. The initiative brought together students from both classes to work on implementation scale projects in two workshop-style classes at IIT ID. The projects from my workshop were exhibited at the Chicago Architecture Foundation as part of their *Chicago: City of Big Data* exhibition in Spring 2014.

##### **Global Immersion Programs**

In Fall 2011, I prototyped Immersion Programs for students at IIT Institute of Design. Immersion programs are extra-curricular programs for ID students whose primary intention is immersion, both cultural and corporate. During the period of the program (usually three weeks), ID students and faculty members work with executives from an organization in an emerging economy on a project of strategic importance to the organization. During this time, students have a chance to immerse themselves in the emerging context of a new country while engaging with local people, place, and culture; interactions with eminent (government, design, business, and technology) personalities. These programs have been very well received by students, and programs have been running since 2011 in several countries such as India, Taiwan, and Brazil.

##### **Prototyping Initiative (with Martin Thaler)**

In the Summer of 2009, I worked with Prof. Martin Thaler to develop a curriculum for prototyping at the IIT Institute of Design. The initiative started with a summer project which looked at prototyping across multiple platforms and how the Institute can develop a culture of prototyping. Two classes resulted from this initiative – Prototyping Methods taught by Martin Thaler, and Prototyping Interactions taught by me. Also, I initiated a regularly invited workshop series where designers from outside ID were brought in to teach workshops on topics around prototyping.

##### **Interaction Design Track**

I continue to play an active role in developing new courses and material for the Interaction Design/Communication Design application areas at the IIT Institute of Design with John Grimes, Kei Sato, Tom MacTavish, Kim Erwin, and Martin Thaler.

--- {at Mississippi State University} ---

### **Design+Technology Emphasis Area – HCI Track**

The College of Architecture, Art, and Design's Graduate Program leading to a Master of Science in Architecture was established in 1995. In 2003, I helped in the development of an emphasis area in Design+Technology in collaboration with Dr. Larry Barrow that looks at computational media and the relationship between representation, interaction, and communication. Within this broad area, I developed a specific curriculum in Interaction Design.

### **3.2. Teaching: Courses Taught** (\* indicates new courses developed by me)

--- {at American University of Sharjah} ---

**Design Thinking**

**Design Management**

**Introduction to Prototyping**

--- {at Illinois Institute of Technology} ---

**Multidisciplinary Prototyping for Entrepreneurship\***

**Prototyping Methods\***  
(with Martin Thaler)

**Prototyping Interactions\***

**Graduate Introduction to Digital Media\***  
(taught with Sal Cilella, Juan Salamanca, Zach Pino)

**Interactive Spaces\***

**Ubiquitous Computing\***

**Extensions of Media and Technology\***

**Communication Design Workshop**

**Interactive Media Workshop**

--- {at Mississippi State University} ---

**Architecture and Virtual Spaces (AVS)\***

**Interactive Media (IM)\***

**Digital Design Studio**

**Storytelling in Computer Animation (SCA)**

**Special Topics in Architecture – Interaction Design\* + Information Design\***

**Special Topics in Architecture – Visualization\***

**Meridian Summer Design Studio – Design of "Smart" Retirement Community to Aid Healthy Aging**

### 3.3. Student Theses (Advisor):

--- {at Mississippi State University} ---

**2006: [Masters] Lalatendu Satpathy**

*Smart Housing: Technology to Aid Aging in Place - New Opportunities and Challenges*

### 3.4. Student Theses (Committee Member):

**2020: [PhD] Maryam Heidaripour**

*Foregrounding Temporality as means to Design in Emerging Futures*

**2012: [PhD] Eric Swanson**

*Subjective Human Experience as Context for Scenario-based Design*

**2010: [PhD] Jung-Min Choi**

*Designing Interaction as a Learning Process: Supporting Users' Domain Knowledge Development in Interaction*

**2009: [PhD] Eui-Chul Jung**

*Context-Sensitive Visualization: Mapping Internal Context on Visualization Mechanism*

--- {at Mississippi State University} ---

**2006: [Masters] Shaima Al' Arayedh**

*The Mass Housing Dilemma - An Industrial Design Process in Architecture*

### 3.5. Programs related to teaching that I initiated:

**2015-2018: Taiwan Immersion Program with Far Eastern Group, Taipei**

(sponsored by IIT Institute of Design and Far Eastern Group in Taipei; initiated and organized by Anijo Mathew and Martin Thaler)

Taipei. May-June 2015-18

IIT Institute of Design's Taiwan Immersion Program is a continuation of the Immersion Programs developed in India. In collaboration with Far Eastern Group, the program continues to pair students from ID with executives from Far Eastern Group in Taiwan to work on a project that is of strategic relevance to the conglomerate.

**2011-2016: India Immersion Program with Godrej & Boyce, India**

(sponsored by IIT Institute of Design and Godrej & Boyce, India; initiated and organized by Anijo Mathew)

Mumbai. Dec-Jan 2011-16

IIT Institute of Design's first Immersion Program was established in collaboration with Godrej & Boyce, India. The project continues to have students from ID team up with executives from Godrej & Boyce to work on projects of strategic relevance to Godrej.

**2013: Brazil Immersion Program with Banco Itaú, Brazil**

(sponsored by IIT Institute of Design and Banco Itaú, Brazil; initiated and organized by Hugh Musick, and Anijo Mathew)

Sao Paulo. June 2013

IIT Institute of Design's Brazil Immersion Program is a continuation of the Immersion Programs developed in India. In collaboration with Banco Itaú, the program saw ten students from ID teamed up with 4 executives from Banco Itaú to work on a project that is of strategic relevance to the bank.

**2011: Prototyping Workshop: The Internet of Things**

(Carla Diana, Associate Director, Smart Design + Jeff Hoefs, Interaction Designer, Rockwell Group, organized by Anijo Mathew)

IIT Institute of Design

Chicago. September 16-17, 2011

In this all-day workshop, participants explored "internet of things" scenarios for the real world. They were introduced to technologies that can be embedded in everyday objects to create a rich connection between the user and the product through the use of information systems. Through a series of group exercises, they used prototyping tools such as rapid sketches, bodystorming, and physical mockups to craft interactive behaviors for physical products.

**2010: Prototyping Workshop: Have paper, Will prototype**

(Bill Lucas, MAYA Fellow, organized by Anijo Mathew)

IIT Institute of Design

Chicago. February 12-13, 2010

The one and a half-day workshop used rapid prototyping techniques. Participants engaged in a fast and furious project moving from generative sketches to evaluative prototypes to narrative models. They were challenged to envision a digital home future where new modes of interactive TV enable innovative products and services for personal health and safety.

**2009: Prototyping Workshop: Rapid Prototyping for Mobile Experiences**

(Oscar Murillo, Microsoft's Strategic Prototyping Group, organized by Anijo Mathew)

IIT Institute of Design

Chicago. October 29-30, 2009

The one and a half-day workshop explored the user of rapid prototyping techniques to design compelling end-user mobile experiences for communities. By the end of the workshop, participants were asked to propose a mobile application, service and device design and, through re-enactment, illustrate how it will be employed by their target persona in a real-world scenario.

**2009: Prototyping Workshop: Sketching with Hardware**

(Dave Vondle, IDEO, organized by Anijo Mathew)

IIT Institute of Design

Chicago. October 17, 2009

This workshop extended the Thinkering with Hardware workshop. Sketching is a tool for conveying and capturing the right level of information as quickly as possible. When designing for interactive systems, there is often value in bringing sketching off of the notepad and realizing the interaction in technology. In this workshop participants were introduced to a set of tools (in this case, Arduino + Flash/Actionscript) and asked to create a game that incorporated a variety of physical interactions.

**2009: Bauhaus Labs**

(taught by Anijo Mathew with Martin Thaler)

IIT ID/School of the Art Institute/Bauhaus University Weimar

Chicago. May 28-June 12, 2009.

This workshop revisited the intensive summer sessions initiated by visionary artist and educator László Moholy-Nagy who brought together a collective of teachers possessing broad, multi-disciplinary views to work directly with students. The objective of the 3-week workshop was to give students a deeper knowledge of the design process based on principles of design. This encompassed original principles expressed by the founders of the Bauhaus and a reinterpretation of these principles extended to encompass the viewpoint of designers today.

**2009: Prototyping Workshop: Thinkering with Hardware**

(taught by Anijo Mathew)

IIT Institute of Design

Chicago. March 28, 2009.

This workshop was designed to help interaction designers learn to "thinker" through tinkering with physical computing artifacts. The idea was to bring together talented individuals from the realm of interaction design, introduce them to new concepts/artifacts in the realm of physical computing, and allow them to put the two together. Most importantly, it was seen as an opportunity for interaction designers to get their hands dirty with electronics, soldering, and wiring, and learn how to interface hardware artifacts with virtual interactions.

**3.6. Awards students received for work done in my classes:**

--- {at Mississippi State University} ---

**ARCC King Medal for Outstanding Research 2006**

Satpathy, Lalatendu; 2006; Awarded to a graduate student by the Architectural Research Centers Consortium for excellence in architectural research.

**MSU Office of Research Graduate Student Researcher Award 2005-06**

Satpathy, Lalatendu; 2006; Awarded to a graduate student by Mississippi State University's Office of Research for the best graduate student research in the University.

**MSU-Graduate Student Association Research Award 2006**

Satpathy, Lalatendu; 2006; Awarded to a graduate student by the Graduate Student Association at MSU for excellence in student research.

**Graduate Student Scholarship**

Satpathy, Lalatendu; International Conference on Aging, Disability, and Independence (ICADI). 2006. Scholarship to attend the conference. 20 students awarded internationally.

**ARCC King Medal for Outstanding Research 2005**

Wang, Guochang; 2005; Awarded to a graduate student by the Architectural Research Centers Consortium for excellence in architectural research.

## SERVICE

### 3.7. Notable Service Assignments:

In 2020, I am collaborating with **Palmwood and ATOLYE** to develop a community of AUS designers to work on design projects for government and the social sector. This is in collaboration with the College of Architecture, Art, and Design and the Office of Alumni Affairs and Advancement at the American University of Sharjah.

In 2019, I was invited to be part of a committee that evaluate Design Tools and Frameworks for the development of a design process and methodology for the **Dubai Future Foundation**. The project is designed to support the growing need for government organisations and innovative companies in the UAE to engage Design Thinking as part of their innovation strategy.

In 2018, I was invited serve on the **Advisory Board of Illinois Math and Science Academy's IN2**, \$1.9 M, 6,400 square foot state-of-the-art innovation center. IMSA is an internationally recognized and top-ranked high school in Illinois which develops creative, ethical leaders in science, technology, engineering, and mathematics. IN2 is designed to ignite collaboration and entrepreneurial activity among students, educators, business and the community to solve real-world problems, design prototypes and launch new ideas.

In 2012, I was invited to serve on the **Leading Forum Board of the Chicago Architecture Center (CAC)**. This Board, composed mostly of CAC Trustees and led by Lynn Osmond, President, and CEO, formulates and evaluates strategic plans for the Chicago Architecture Center. I am one of two non-trustee members on this board.

From 2013-15, I served on the **Executive Committee of Choose Chicago's Cultural Tourism Initiative**. Choose Chicago has been nominated by Mayor Rahm Emanuel as the new official tourism organization for Chicago combining the Chicago Convention and Tourism Bureau and the tourism portion of Chicago Office of Tourism and Culture. The committee will help the City of Chicago and the organization position Chicago as a global cultural destination. The committee includes members such as Lou Raizin (Broadway in Chicago), Carlos Tortolero (National Museum of Mexican Art), Harriet Sietler (Harpo) among others.

In 2014, I was elected to the Board of Directors of the **Chicago Loop Alliance (CLA)**. The members of this influential Board advise CLA on how to further its mission of creating, managing, and promoting high-performing urban experiences, attracting people and investment to the Loop District of Chicago. I resigned from this board in 2015 to focus on the development of my company.

In 2013, I was invited to be part of a **four-member committee of the Chicago Architecture Foundation (CAF)** by Lynn Osmond, President, and CEO, to evaluate and propose a new Chicago Architecture Center for the City of Chicago.

In 2011 and 2012, I helped CII India to organize two **Global Strategic Design Forums**. These forums hosted by CII in India and supported by IIT Institute of Design brought together thought leaders in design, business, and technology from India and USA. Speakers such as Sam Pitroda (Advisor to the Prime Minister of India), Larry Keeley (Doblin), Arun Maira (Planning Commission of India), Jamshyd Godrej (Chairman of Godrej & Boyce), Denis Weil (McDonalds), R Mukundan (Tata Chemicals), S Mahalingam (TCS), K Mahesh (Sundaram Brakes) have spoken at these forums.

In 2012, I was invited to be part of a **committee of the Chicago Architecture Foundation (CAF)** which evaluated participatory digital models for the Chicago Architecture Foundation. The committee includes John Tolva (CTO of Chicago), and Gordon Gill (of Adrian Smith Gordon Gill Architects).

In 2011, I was invited to the **Chicago Loop Alliance's committee on Placemaking**. The committee looks to continue/ institutionalize the process of discovering the opportunities and identifying creative concepts to create special places and allow for planned placemaking throughout the Loop. The committee is chaired by David Broz from Gensler and Cassandra Francis from Karatid.

In 2010, I was invited to be part of the **Digital Task Force of the Chicago Architecture Foundation (CAF)**. The task force looks to new digital opportunities and creative concepts for the Chicago Architecture Foundation.

In 2010, I was the **Program Chair for the 7<sup>th</sup> International Conference on Design and Emotion** with Pieter Desmet, Associate Professor at Delft University of Technology.

In 2009, I was a **Design Community Chair at ACM SIGCHI Conference 2010** with Scott Pobiner, Assistant Professor and Director, Design, and Management program at Parsons, The New School for Design. The ACM Conference on Human Factors in Computing Systems (CHI) series of academic conferences is generally considered the most prestigious in the field of human-computer interaction. It is hosted by ACM SIGCHI, the Special Interest Group on Computer-Human Interaction. CHI has been held annually since 1982 and attracts thousands of international attendees.

In 2009, I was nominated and elected by the **Steering Committee as the Membership Coordinator for Association for Computer-Aided Design in Architecture (ACADIA)**. ACADIA was formed in the early 1980's to facilitate communication and critical thinking regarding the use of computers in architecture, planning and building science. ACADIA is considered the premier organization of architectural computing in the country and its membership consists composed of educators and practitioners who work in the field of computing and architectural research.

From 2009-2011, I served as an **ex-officio board member of the Architectural Research Centers Consortium (ARCC)**. ARCC is an international association of architectural research centers committed to the expansion of the research culture and supporting infrastructure in architecture and related design disciplines. Since its founding as a non-profit corporation in 1976, ARCC has represented a concerted commitment to the improvement of the physical environment and the quality of life.

--- {at Mississippi State University} ---

In 2008, I was a **Design Community Chair for ACM SIGCHI Conference 2009**. My colleagues in the community include Mark Baskinger of Carnegie Mellon University School of Design and Robert Fabricant, Executive Creative Director at Frog Design.

In 2008, I was nominated and elected to the **Steering Committee of the Association for Computer-Aided Design in Architecture (ACADIA)** with the term beginning in October 2008.

In 2007, I was invited to **chair the Research and Student Initiatives subcommittee on the board of the Association for Computer-Aided Design in Architecture (ACADIA)** by Mahesh Senagala, President of ACADIA. My subcommittee colleagues include Michael Fox, Founder and Principal of Fox Lin Inc. and Assistant Professor of Architecture at Cal Poly Pomona; and Yehuda Kalay, Professor of Architecture at UC Berkeley.

In 2007, I was nominated and elected to the **Board of the Architectural Research Centers Consortium (ARCC)**. ARCC is an international association of architectural research centers committed to the expansion of the research culture and supporting infrastructure in architecture and related design disciplines. Since its founding as a non-profit corporation in 1976, ARCC has represented a concerted commitment to the improvement of the physical environment and the quality of life.

In 2006, I was invited to be part of the **Editorial Advisory and Review Board of the Journal of Architecture, Conservation and Urban Studies (ABACUS)**, an international research journal by Dr. Ajay Khare, Head of Department of Architecture at Birla Institute of Technology, India.

From 2004-2007 I served as the **Chair of Lecture Series at MSU CAAD** where I corresponded with and invited several architects, designers, and artists to speak at the College of Architecture, Art, and Design. Speakers include James Turrell, Charlie Lazor, Peter Eisenman, SHoP, MADE, Smith-Miller+Hawkinson, SIMPARCH, Grace La – James Dallman, Sean Godsell, Crispin Sartwell, Alberto Perez-Gomez, Mark West, John Nastasi, Jae Cha, Trey Trahan among others.

From 2005-2007, I served as the **Faculty Advisor to the National Organization of Minority Architecture Students (NOMAS)** at MSU CAAD from 2005-2007. In this period, I initiated the idea and helped NOMAS design and organize the NOMASymposium. The NOMASymposium is an annual student-driven event (fundraising, invitation, organization) with participation from renowned architectural professionals and practitioners from the southern region. From its inception in 2004, it has grown into a regional event with several minority architects and designers of repute participating.

### 3.8. Notable Committees/Boards (University/College):

**Taskforce for Innovation and Entrepreneurship**

University Committee  
American University of Sharjah  
2020-present

**IIT Institute of Design Dean Search Committee**

University Committee  
Illinois Institute of Technology  
2015-16

**University Committee for Promotion and Tenure (UCOPT)**

University Committee  
Illinois Institute of Technology  
2014-2017

**University NCA Accreditation Advisory Committee  
(sub-committee: Quality Improvement)**

University Committee  
Illinois Institute of Technology  
2011-2016

**Academic Unit Committee for Promotion and Tenure (AUCOPT)**

College Committee  
Illinois Institute of Technology  
2014-present

**Faculty Search Committee**

College Committee  
Illinois Institute of Technology  
2010-present

**Strategy and Planning - Outreach**

College Committee  
Illinois Institute of Technology  
2009-present

**Honorary Degree Committee**

University Committee  
Illinois Institute of Technology  
2008-2012

--- {at Mississippi State University}---

**Lecture Committee [Chair 2004-2007]**

College of Architecture, Art, and Design  
Mississippi State University  
2007-2008

**Faculty Advisor, National Organization of Minority Architecture Students (NOMAS)**

Mississippi State University  
2004-2008

**Graduate Curriculum Committee**

College of Architecture, Art, and Design  
Mississippi State University  
2003-2008

**Graduate Admissions Committee**

College of Architecture, Art, and Design  
Mississippi State University  
2003-2008

**College Library Committee**

College of Architecture, Art, and Design  
Mississippi State University  
2004-2008

**College Faculty Hire Committee**

College of Architecture, Art, and Design  
Mississippi State University  
2004-2008

**College Review Committee - Research Initiation Proposal Grant**

College of Architecture, Art, and Design  
Mississippi State University  
2006-2007

**Faculty Advisor, Indian Students Association (ISA)**

Mississippi State University  
2005-2006

**3.9. Journal Reviewer**

**She Ji: The Journal of Design, Economics, and Innovation**

**Journal of Urban Technology**

**3.10. Conference Positions:**

**Program Chair for Design and Emotions Conference 2010**

**Design Community Chair for ACM SIGCHI Conferences 2009, 2010**

**Reviewer for CHI 2011, 2010, 2009, 2008, 2007**

Reviewer for papers, workshops, and extended abstracts for the International Conference on Human Factors in Computing Systems.

**Reviewer for ACADIA 2009, 2007**

Reviewer for papers for the Association for Computer-Aided Design in Architecture International Conference.

**Review Panel for ACSA 2008, 2009**

Review Panel Member for the Association of the Collegiate Schools of Architecture National Conference.

**Review Panel for USID 2007**

Review Panel Member for the Usable Software Interface Design International Conference.

**Panel Moderator at the 2006 ACADIA Conference on Synthetic Landscapes**

Moderated a panel - *BIM and Sustainability* at 2006 Annual Conference of the Association for Computer Aided Design In Architecture (ACADIA) themed *Synthetic Landscapes*, University of Kentucky, held at Louisville, Kentucky 12-14 October 2006.

**Panel Moderator at the 2005 ARCC National Conference on Architectural Research.**

Moderated a panel on Research Presentations at the Architectural Research Center Consortium (ARCC): The Reach of Research. April 6-9, 2005. Mississippi State University College of Architecture, Art, and Design.

**3.11. Other Projects (done Pro-Bono as Service):**

**2007: Website for Mississippi State University Community Action Team**

**2006: Website of the ARCC Journal**

Design and maintenance of the ARCC Journal website at the invitation of the ARCC President, Michel Mounayar and Executive Editor, J. Brooke Harrington.

**2005: Website of the ARCC National Conference on Architectural Research.**

Designed, created and maintained the 2005 ARCC National Conference on Architectural Research website at the invitation of the ARCC President, J. Brooke Harrington, and Vice President, James West.

**3.12. Professional Memberships held:**

**Association for Computing Machinery**

Special Interest Group on Computer-Human Interaction (ACM SIGCHI)

**Association for Computer-Aided Design in Architecture (ACADIA)**

#### **4. REFERENCES\***

\* contact information available on request

##### **4.1. Illinois Tech:**

**Denis Weil**

Dean  
Institute of Design  
Illinois Institute of Technology, USA

**Patrick Whitney**

Professor-in-Residence  
Harvard University  
Professor Emeritus and Former Dean  
Institute of Design

##### **4.2. American University of Sharjah**

**Varkki Pallathucheril**

Dean  
College of Architecture, Art, and Design (CAAD)  
American University of Sharjah, UAE

##### **4.3. Mississippi State University:**

**Jim West, AIA**

Former Dean  
College of Architecture, Art & Design (CAAD)  
Mississippi State University, USA

##### **4.4. Other Academic:**

**Yvonne Rogers (PhD advisor)**

UCLIC Director and Deputy Head of Computer Science  
Professor of Interaction Design  
University College of London, UK

##### **4.5. Other Professional:**

**Frances Bronet**

President  
Pratt Institute, USA

**Mahesh Dass**

President  
Boston Architectural College, USA

## CONTACT

### 4.6. *Contact Address:*

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### 4.7. *Virtual Presence:*

#### **LinkedIn**

<https://www.linkedin.com/in/anijo-mathew-1238241/>

#### **Twitter**

@anijomathew

#### **Medium**

<https://medium.com/@anijomathew>

#### **Company website**

[www.vamonde.com](http://www.vamonde.com)

[www.solutions.vamonde.com](http://www.solutions.vamonde.com)