

NICOLE E ZIZZI

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- EDUCATION**
- NORTHEASTERN UNIVERSITY, Boston MA** May 2021
MASTERS OF ARCHITECTURE
- UNIVERSITY OF ROCHESTER, Rochester NY** May 2015
B.S. PHYSICS, DANCE MINOR *Cum Laude with High Distinction*
TAKE 5 SCHOLAR PROGRAM, 2014-2015
A competitive scholarship for a tuition-free fifth year. Accepted for Architecture studies.
- TEACHING**
- NORTHEASTERN COLLEGE OF ARTS, MEDIA, AND DESIGN**
- PT LECTURER** Fall 2023
ARTG 5620 NOTATIONAL SYSTEMS FOR EXPERIENCE DESIGN
Professor of record
- TEACHING ASSISTANT**
- ARCH 1110 Fundamental Arch Representation, Prof. Ivan Rupnik & Mary Hale Spring 2022
ARCH 6100 Graduate Student Skills Studio, Professor Paxton Shendahl Fall 2020
ARCH 2340 Modern Architecture, Professor Lucy Maulsby Spring 2020
ARCH 2240, Architectonic Systems, Professor Paxton Shendahl Fall 2018
- UNIVERSITY OF ROCHESTER**
- TEACHING ASSISTANT**
- Physics 121P, Self Paced Introductory Mechanics Spring 2014
 - This course was designed for students to go at their own pace without lectures or professors.*
- Physics 141 Introductory Honors Mechanics, Professor Frank Wolfs Fall 2013
- RESEARCH**
- NORTHEASTERN COLLEGE OF ARTS, MEDIA, AND DESIGN**
- RESEARCH ASSISTANT, Embodying Information
Under direction of Professor Laura Perovich Oct 2020– present
The Center for Design and Collaborative-Lab for Data Impact
 - Investigating how dance and movement can be used as a tool for cultivating data literacy and data curiosity.
- RESEARCH ASSISTANT, Notational Systems Repository Sept 2017–Dec 2020
Under direction of Professor Ann McDonald
 - Analyze and catalog notational systems used by choreographers such as William Forsythe and Merce Cunningham, as well as various improvisational practices.
- UNIVERSITY OF ROCHESTER**
- RESEARCH ASSISTANT, Neuroimaging Biomarkers in Multiple Sclerosis
Rochester Center for Brain Imaging May 2013–June 2015

RESEARCH CONT. CREATIVE PRACTICE RESEARCH

CO-PRIMARY INVESTIGATOR, Mathematical Methods and Dance Jan 2020–present
Evolve Dynamicz Dance Company and Boston University Professor John Straub

- The project is a choreographic research investigating the spatial dynamics of applied mathematics at the collegiate level.
- Dancers learn concepts of applied mathematics presented Professor Straub's new text book "Mathematical Methods for Molecular Science" and interpret them through movement and choreography.

PRIMARY INVESTIGATOR, Spatial Relations of Architecture and Dance Jan 2015–present

- The project has multiple iterations, is continually evolving, and will be life-long.
- 2015: undergraduate independent study under Professor Missy Pfohl Smith, titled "Improvising Architecture: A Research in Spatial Relations of Structure and Movement."
- 2019: crowd-sourced social media challenge for improvisational dancers, exploring of how space influences movement in the typologies of our own homes.
- 2020: "Every Room A Dance: A Research in Spatial Relations of Movement and Representation Techniques" a booklet investigating movement representation techniques. & Remote Every Room A Dance Workshop" with Northeastern Chapter of American Institute of Architecture Students (AIAS), held on zoom.

PUBLICATIONS PAPERS & PICTORIALS

"A framework for body and movement-based data representations" (Pictorial)
 forthcoming March 2025

Nicole Zizzi¹ Laura Perovich² *Nineteenth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '25)*

"Feeling Data through Movement: Designing Somatic Data Experiences with Dancers"

Laura J Perovich and Nicole Zizzi. 2024. Feeling Data through Movement: Designing Somatic Data Experiences with Dancers. In *Proceedings of the Eighteenth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '24)*. Association for Computing Machinery, New York, NY, USA, Article 23, 1–11. <https://doi/10.1145/3623509.36333711>

EXTENDED ABSTRACTS

"Towards an embodied expression of pandemic nodes & networks in the age of social distancing" April 2023

Nicole Zizzi¹ John Straub²

Cumulus Antwerp, Connectivity and Creativity in times of Conflict. Antwerp, Belgium

"Combining diffusion and perfusion weighted MRI measurements for disease and treatment monitoring in Multiple Sclerosis" June 2018

Madalina E Tivarus, Xing Qiu, **Nicole Zizzi**, and Giovanni Schifitto. Joint Annual Meeting (ISRMRM-ESMRMB) International Society for Magnetic Resonance in Medicine--The European Society of Magnetic Resonance in Medicine and Biology Paris, France.

ARTICLES AND SELECT BLOGS

INTERNATIONAL CONFERENCE ON TANGIBLE EMBEDDED AND EMBODIED INTERACTION

forthcoming Feb 2024

"Feeling data through movement: designing somatic data experiences with dancers"

BOSTON CHILDREN'S HOSPITAL DISCOVERY BLOG

"Nicole's Story: Dancing my way through pain," Author

Oct 2018

"Nicole and Alana: A friendship formed in dance," Co-author

Sept 2019

AWARDS,
RESIDENCIES,
& GRANTS**ACM EUROPE****BEST PAPER AWARD**

Feb 2024

Laura J Perovich and Nicole Zizzi. 2024. Feeling Data through Movement: Designing Somatic Data Experiences with Dancers. In *Proceedings of the Eighteenth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '24)*. Association for Computing Machinery, New York, NY, USA, Article 23, 1–11. <https://doi/10.1145/3623509.36333711>

NORTHEASTERN UNIVERSITY

- Huntington 100 honors outstanding students for achievements which are commensurate with the university's mission, ideals, values, and Academic Plan. These students represent what Northeastern is today.

GRADUATE DATA AND DIGITAL STORYTELLING AWARD

April 2021

- Presented by the CAMD & the College of Social Sciences and Humanities as part of RISE: the Research, Innovation, Scholarship and Entrepreneurial Expo
- Awarded for research project: Mathematical Methods and Dance.

COLLEGE OF ARTS MEDIA AND DESIGN STUDENT PROJECT AWARD

April 2021

- Awarded for research project "Every Room A Dance: A Research in Spatial Relations of Movement and Representation Techniques.

KING STUDENT MEDAL, Sponsored by Architectural Research Centers Consortium

April 2021

- Awarded by the School of Architecture faculty for ongoing research at the intersection of Dance and Architecture.

UNIVERSITY OF ROCHESTER**INTERDISCIPLINARY RESEARCH IN DANCE AWARD**

April 2015

- Awarded for "Improvising Architecture: A Research in the Spatial Relations of Structure and Movement."

UNDERGRADUATE RESEARCH EXPOSITION

2nd Place in the Visual Arts Undergraduate Research Contest

Best Poster in Humanities

April 2015

- Awarded for "Improvising Architecture: A Research in the Spatial Relations of Structure and Movement."

SIGMA PI SIGMA INDUCTEE, Physics National Honors Society

April 2013

SELECT ARTISTIC RESIDENCIES**AMASSIT CHOREOGRAPHERS RESIDENCY**

The Dance Complex, Cambridge MA

Jan–Oct 2020

- aMaSSiT (a Make it Share it, Show it lab) offers a specific focus for dance/movement makers exploring "passionate practice".
- Accepted to complete a community-based film project exploring how the pandemic has affected the movement of our hands in our daily lives titled "lucidity-evolved."

AWARDS,
RESIDENCIES,
& GRANTS
CONT.

GRANTS

COLLEGE OF ART, MEDIA AND DESIGN IMPACT GROUP

Jan 2023

- “Embodiment and Creativity - Risk-Taking for Emergent Interdisciplinary Practice”
- Collaborators Mary Hale, Ann McDonald, Cara Michell, Laura Perovich, and Illya Vidrin

DISCOVER GRANT FOR UNDERGRADUATE SUMMER RESEARCH

2014

Sponsored by the Schwartz Undergraduate Research Fund, University of Rochester

- Awarded for work in neuroimaging research at the Rochester Center for Brain Imaging.

CREATIVE
DIRECTION

EVOLVE DYNAMICZ DANCE COMPANY

CO-FOUNDER AND ARTISTIC DIRECTOR, Cambridge MA

Oct 2015–present

- *Evolve Dynamicz is a member of the Boston Dance Alliance, a 501(c)(3) non-profit tax exempt organization.*

SELECT EVENING LENGTH PRODUCTIONS

LUCIDITY

The Dance Complex, Cambridge MA

October 4th, 2019

- An evening-length curation of vignettes exploring the topic of mental health. The women of Evolve feel it is incredibly important to erase the stigma around mental illness through normalizing the sharing of experiences relating to mental health. The company was joined by performers with *This is My Brave* and the evening ended with a panel discussion, with mental health professionals.

REVIVE

The Dance Complex, Cambridge MA

December 4th & 5th, 2021

- REVIVE, comprised of a dynamic range of improvised pieces, is a reminder of the strength and resilience inherent to communities.

SELECT FILMS AND FILM FESTIVAL SHOWINGS

OVERLAPPED, commissioned by the Fruitlands Museum

Filed in Harvard MA, Dancer and producer.

Aug 2019

- Commissioned to make a film responding to a temporary installation at the museum by Esther Solondz titled “Floating Between Two Worlds.”

SIR MODEL OF INFECTIOUS DISEASES: A DANCE FILM

Filed in quarantine, Dancer, producer, and editor.

July–Dec 2020

- Artistic artifact of “Mathematical Methods and Dance” research project

Film Festival Acceptances and Showings:

- » **Virtual Boston Contemporary Dance Festival** Aug 2020
Presented by Urbanity Dance, Boston MA
- » **Make Art Not War Teaser Future Film Festival (MANWTFFF)** Sept 2020
Presented by Make Art Not War Foundation, Los Angeles, CA
- » **X-Section Film Festival** Nov 2020
Presented by Margaret Wiss, Somerville, MA
- » **Moving Images videodance Festival** Dec 2020
Presented by Elena Christodoulidou, Nicosia, Cypress

SELECT CHOREOGRAPHIES AND FESTIVAL SHOWINGS

CONFINED [2016], Choreographed in collaboration with the original cast

- Presented at Southern Vermont Dance Festival.

July 2017

INTER/INTRA [2018], Choreographed independently and set on the company

Aug 2018

- “[...] a multifaceted, yet effectively understated exploration of group dynamics.”
–Dance Informa, 2018
- a piece exploring the effect of our mental health on the community around us, and the reciprocal effect on our own mental health based of the mental health of the community members around us
- Accepted to Boston Contemporary Dance Festival, presented by Urbanity Dance.

PRESENTATIONS

UNIVERSITY OF ROCHESTER

THE CENTER FOR INTEGRATED RESEARCH COMPUTING (CIRC) SYMPOSIUM SERIES

On-Going Research Talk: Neuroimaging Biomarkers in Multiple Sclerosis

Mar 2015

- Discussed, Neuroimaging methods and their computational analysis including Diffusion Tensor Imaging.

AMERICAN COLLEGE DANCE ASSOCIATION CONFERENCE, West Chester PA Mar 2015

- Chosen to present first professional work “STROBE” in adjudicated concert.

INSPIRE DANCE FESTIVAL, interdisciplinary careers in dance panel

Feb 2019

- Moderated by Missy Pfohl Smith. Joined by William Ferguson, Executive Director of Garth Fagan Dance company and Mariah Steele, founder and Artistic Director of Quicksilver Dance company.

THE GWEN M. GREENE CENTER FOR CAREER EDUCATION & CONNECTIONS,

Careers in Design Alumni Panel

November 2022

- Hosted in collaboration with student group “Rochester Design,” moderated by student group President

NORTHEASTERN UNIVERSITY

COLLEGE OF ARTS, MEDIA AND DESIGN’S SCHOOL OF ARCHITECTURE

SPATIAL INCLUSIVITY PANEL SERIES: ACCESS

Sept 2020

- Served as co-moderator with professor Michelle Laboy with panelists Ellice Patterson, Karen Young, Emily Watlington, Aimi Hamraie, and Bess Williamson.

COLLEGE OF ARTS, MEDIA, AND DESIGN SEED GRANT REVIEW

Embodying Information Research Milestones

April 2021

CENTER FOR DESIGN

2019 SHENZHEN BI-CITY BIENNALE OF URBANISM AND ARCHITECTURE

Curating Curation, Shenzhen, Hong Kong

Dec 2019

- “Curating Curation” a 1km long visual infographic atlas of the curatorial process that made the “Eyes of the City” pavilion at the Bi-City Biennale curated by Carlo Ratti Association under direction of Center for Design Director, Paolo Ciuccarelli

CENTER FOR DESIGN 2022 CONVERSATION SERIES

Designing Dance: Embodiment, Ephemerality, and Experience

forthcoming Feb 2022

- Curating and Moderating with Embodying Information research team.

PRESENTATIONS
CONT.

SELECT PODCASTS

GIN AND CHRONIC: THE PODCAST

“We have to Trust the Person’s Lived Experience”

Oct 2021

- Discussed the lived experience of various physical and neurocognitive disorders: Ehlers-Danlos Syndrome, POTS, Hip Dysplasia, recurring kidney stones, hemorrhagic ovarian cysts, depression, anxiety, ADHD, Autism Spectrum Disorder, OCD, PTSD, Avoidant Restrictive Food Intake Disorder, Dyslexia, and women’s health, specifically as it pertains to ASD.

SATELLISER CONVERSATIONS

Hosted by Janine Harrington, UK based artist

Feb 2022

- Episode conversation with Charles Koroneho a New Zealand-Canada based Maori artist working with performance, teaching, wiring and more, hosted by Janine Harrington. The podcast conversation is intended to be a discussion exploring ways of thinking with geometries, ways of organizing thinking and making, the kinds of inheritances that are there in the form of neurotype and cultural practice.