

Curriculum Vitae/Resumé
Natalia Quintanilla Cabrera

nataliaq@umich.edu

+1 (810) 986 - 7467

Detroit, Michigan.

nataliaquintanilla.net

EDUCATION

University of Michigan, Ann Arbor 2023 - 2025

School of Music, Theater & Dance - Performing Arts Technology Department

Master of Arts in Media Arts

Centro de Investigación y Estudios de la Música (CIEM), Mexico City 2013 - 2017

Degrees conferred by the London College of Music, University of West London

Licentiate in Music Theory (LMusLCM Theory of Music), *with distinction*

Professional Associated in Music Composition (ALCM), *with distinction*

PUBLICATIONS

CONFERENCE PROCEEDINGS

disonancia: An Electroacoustic Music Composition for a Hybrid Audio Diffusion System

Short paper accepted to the 50th Anniversary edition of ICMC, discussing compositional approaches and spatial audio techniques using a Hybrid Audio Diffusion System (HADS)

- **International Computer Music Conference (ICMC)**, Boston, 2025 (peer-reviewed)

EXPERIENCE AS A COMPOSER

ELECTROACOUSTIC COMPOSITION

SELECTED PERFORMANCES AND FESTIVALS:

Inward Voices, Outward Struggles: disonancia (2024) | Fixed Media for a Hybrid Audio Diffusion System (HADS)

- Selected for performance at the **International Computer Music Conference (ICMC)**, Boston, 2025 (peer-reviewed)

Abejas (2023) | Third Order Ambisonics, Fixed Media

- **Spaceout: An Ambisonics Concert**, Performing Arts Technology Department, University of Michigan (October 2024)
- **Festival IZIS 2023**, Skladišče Libertas, Koper, Slovenia (October 2023)
- **Ars Electronica**, Anton Bruckner Privatuniversität, Linz, Austria (September 2023)
- **Everyday is Spatial 2**, Spatial Audio Conference, University of Gloucestershire, UK (June 2023)
- **40.4 Festival**, B2 Center for Media, Arts, and Performance, University of Colorado Boulder – 40.4 multichannel system (March 2023)

Ahora soy un axolotl (2022) | Fixed Media

- **The Missouri Experimental Sonic Arts Festival (MOXsonic)** at the University of Central Missouri (March 2023)

LIVE ELECTRONICS & INTERACTIVE PERFORMANCE

Inward Voices, Outward Struggles: menos que nada (2025) | Solo Accordion and Live Electronics

Part of the four-part electroacoustic series “Inward Voices, Outward Struggles” (MA thesis work)

- Presented in MA thesis final concert using a Hybrid Audio Diffusion System (HADS) at Chip Davis Technology Studio, University of Michigan SMTD (April 2025)
- **Performance: Performing Arts Technology Showcase**, McIntosh Theatre, University of Michigan SMTD (March 2025)

Volviendo de un sueño (2024) | Wearable IMU Music Controller Solo Performance

Solo performance using a smartphone IMU embedded in a wearable sleeve for real-time sound manipulation through hand gestures, with custom looping and processing in Max MSP.

- Invited to perform at the residence of President Santa Ono, President of the University of Michigan (September 2024)
 - **Workshop and Performance: “How to Use Smartphone IMUs as Music Controllers” – The MPulse Girls in Music and Technology (GiMaT) Summer Program**, University of Michigan SMTD (August 2024)
 - **Performance: Performing Arts Technology Showcase**, Hankinson Rehearsal Hall, University of Michigan SMTD (March 2024)
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WIND ENSEMBLE

Intento de Mambo (2024)

- Commissioned by **Hopkins Center for the Arts at Dartmouth** as part of the ‘*The Mexican Repertoire Initiative*’ at Dartmouth
- Published by **Valley Winds Publishing**, Pioneer Valley, Massachusetts, as part of the ‘*Mexican Repertoire Series*’
- Performed by **The Valley Winds**, Sweeney/Sage Hall at Smith College (November 2024)
- Performed by **Dartmouth College Wind Ensemble**, “*Creating Space*” concert, Dartmouth College (May 2024)

Reencuentro (2023)

- Published by **Valley Winds Publishing**, Pioneer Valley, Massachusetts, as part of the ‘*Mexican Repertoire Series*’
 - *Banda Sinfónica del Estado de Sonora, Orquesta Juvenil Sinfónica de Sonora*, and members of *Orquesta Filarmónica de Sonora* at the closing concert of the conducting course for symphonic band at **MUSAS, Art Museum of Sonora**, México (December 2023)
 - Selected for the ***MusicMexico 2023 Symposium***, curated by the University of Houston in conjunction with Dartmouth College, and performed by The Krimmel Intermediate School Band at the Moores School of Music, University of Houston (May 2023)
 - Performed by **Dartmouth College Wind Ensemble** and **CECAMBA Banda Sinfónica** at the Teatro Principal, Puebla, México (March 2023)
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CHAMBER MUSIC

Similar Sounding Songs Sung Asynchronously (2024) | Game piece composition (text based)

Composed for the Electronic Chamber Music ensemble at the University of Michigan, directed by Michael Gurevich

- Performed at the Electronic Chamber Music concert *Games!* At Chip Davis Technology Studio (April 2024)

Wormhole (2016) | Woodwind Quintet

- Performed by Mexico City Woodwind Quintet (QACM) at **Biblioteca José Vasconcelos**, Mexico City (June 2016)
 - Performed by Mexico City Woodwind Quintet (QACM) at **Fonoteca Nacional**, Mexico City (March 2017)
 - **Awarded by the Mexico City Woodwind Quintet** and included in the compendium of new woodwind quintet pieces *Puentes Hacia el Futuro - 7 pieces for woodwind quintet* edited by the QACM, published by *BlancaNegra Editions*, and funded by Mexico’s National Fund for Culture and the Arts (FONCA) grant (*March 2017*)
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INTERACTIVE MULTIMEDIA INSTALLATION

ZAP! (2024) | *Interactive multimedia installation*

Developed by SMART Lab (Sound Media Art Lab), University of Michigan, as part of FEAST: Faculty Engineering/Arts Student Teams, Arts Engine

Role: Sound Designer and Media Artist

Exhibitions:

- Duderstadt Gallery, University of Michigan (November 2024)
 - FEAST Exhibition Projects, FEAST: Faculty Engineering/Arts Student Teams, Arts Engine (December 2024)
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FILM

Sin Máscara (2023) | Documentary by Rodrigo Dada

Original composition

Earl (2017) | Short Film by Thibaud Goarin

Original composition

- Presented at EICAR, The International Film & Television School of Paris (2017)
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GRANTS & AWARDS

Graduate Student Arts Research Grant (GSARG)

University of Michigan Arts Initiative (2024)

- Awarded to support the thesis project *Inward Voices, Outward Struggles: Immersive Music of Gender Dissonance – Voices from México*, exploring gender violence in Mexico through electroacoustic compositions using a Hybrid Audio Diffusion System (HADS).

Rackham Graduate Student Research Grant

University of Michigan (2024)

- Funding awarded in support of the same thesis project *Inward Voices, Outward Struggles*, combining spatial audio and feminist inquiry through hybrid diffusion techniques.
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AUDIO/MUSIC PRODUCTION EXPERIENCE

PODCAST PRODUCER AND HOST

From Noise to Resonance: What No One Asked Me | WCBN-FM Ann Arbor

Podcast that explores music histories, cultural narratives, artistic expression, and techno-culture through intersectional lenses

- Produced an educational podcast amplifying underrepresented voices in electronic music as the final project for Diversity in Music Technology (PAT 315) at the University of Michigan School of Music, Theater and Dance's Performing Arts Technology department (Winter 2024)
 - Produced and broadcasted 4 episodes on WCBN-FM Ann Arbor 88.3 FM (Winter 2024)
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SOUND DESIGNER

Ni Une Más (Not One More)

A multimedia production focused on gender-based violence and survivor empowerment

- Presented by Healing Bells and the Institute for Research on Women & Gender (IRWG)
 - World Premiered at the Bethlehem United Church of Christ, Ann Arbor (*March 2024*)
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SCORE & RECORDING ENGINEER ASSISTANT

The Lady of Silence: Mataviejitas Murders | Crime Documentary Series (Netflix Production)

Mexico City (March 2023)

- **Responsibilities:** Assisted the recording engineer in setting up and configuring audio equipment for recording sessions; ensured musicians had proper scores and materials prepared for the recording process; managed and organized audio files and project data throughout the production; collaborated with the production team to maintain efficient recording workflows.
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EXPERIENCE AS A PERFORMER

ACCORDIONIST | *Electronic Chamber Music Ensemble*, directed by Michael Gurevich (Winter 2024)

Ensemble of students from the University of Michigan School of Music, Theatre & Dance (SMTD)

- Performed a concert of game pieces for acoustic, electric, and electronic instruments

MEMBER | *Creative Coding Collective*, directed by Anıl Çamcı (*Fall 2024*)

Ensemble of students from the Performing Arts Technology Department

- Designs custom performance systems to explore the intersection of technology and musical expression, building conceptual and practical toolkits for performing music with code.

ACCORDIONIST & SINGER | *Cantares*, Latin-American and Mexican folk music ensemble

Mexico City, 2017 - 2019

PIANO ACCOMPANIST

Mexico City, 2013 - 2019

- ABRSM practical exams
- *The Hamelin Cello Orchestra*, student ensemble
Performances in Mexico City Festivals, The National Arts Center (CNA), Papalote Museum, Simón Bolívar Amphitheater in San Ildefonso, and The International Children's Book Fair
- Musical Theatre auditions

PIANIST & KEYBOARDIST | *Picasso Dijo Yeah* - Live music wedding band

Mexico City, 2015 - 2019

- Genres: salsa, cumbia, ballads, bachata, son cubano, bolero, ranchera, and merengue

RESIDENT PIANIST | *Moving House* - Dance Company (Mexico City, 2016)

- Dance project funded by Mexico's National Fund for Culture and the Arts (FONCA) Young Creators Grant

EXPERIENCE AS A TEACHER

KINDERGARTEN & PRESCHOOL MUSIC TEACHER | Preschool Colegio Oxford

Mexico City, 2017 - 2019

- **Responsibilities:** Developed music program for *bambolinos* (14 to 24 months old), kindergarteners, and preschoolers; received training in early child development and preschool education; organized student concerts and recitals.

PIANO & MUSIC THEORY TEACHER | Private lessons

Mexico City, 2015 - 2019

RELEVANT COURSEWORK, WORKSHOPS & PRIVATE LESSONS

UNIVERSITY OF MICHIGAN:

Creative Coding
Motion Capture for Interaction Design
Diversity in Music Technology
Performance Systems (Creative Coding Collective)
Digital Music Ensemble
Electronic Chamber Music
SMART Lab (Sound Media Art Lab) - FEAST: Faculty Engineering/Arts Student Teams, Arts Engine
Advances Seminar in Music Composition

COMPOSITION FOR SYMPHONIC BAND & WIND ENSEMBLE | Núcleo Integral de Composición NICO

Mexico City, 2022 - 2023

- Compositions for the Dartmouth College Wind Ensemble directed by Brian Messier and for The National Autonomous University of Mexico Symphonic Band (UNAM)

MUSIC PRODUCTION | Núcleo Integral de Composición NICO

Mexico City, 2022 - 2023

- With Producer, Mixer and Master Engineer Hans Mues

JAZZ IMPROVISATION | New York Jazz Workshop

New York City, 2019

- With Jazz pianist Amina Figarova

COMPOSITION FOR SOLO VIOLIN | Centro de Investigación y Estudios Musicales CIEM

Mexico City, 2016

- With violinist Irvine Arditti and composer Hilda Paredes
 - Reading of *Double Slit Experiment* for Solo Violin
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SKILLS

Electroacoustic Composition: Fixed media, Live Electronics, Multi-channel & Ambisonics
Acoustic Composition

Music Production: Logic Pro X, REAPER, recording, editing, mixing and mastering

Notation software: Sibelius

Music performance: Piano, keyboard, synthesizer, accordion, jarana, requinto and vocal
performance

Creative Coding: Max MSP, Processing

Optical Motion Capture Design: Qualisys

Audinate: Dante

Musical Performance Practice on Sensor-based Instruments.