

The Humans of CHAI

Ayaan Abdullah, Ryan Baker, Alivia Clark, Eduardo Chavez,
Ashay Dave, Brandon Ferrante, Rajesh Fotedar, Elliott Fus,
Isabella Heck, Aditya Jeganath K., Lívia de Moraes, Jasmine
Ortiz, Amanda Pasler, Jack Reilly, Jacey Schell, Spencer Soule,
Amari Stewart, Navaneeth Suresh Kumar, Anders Swanson,
Winston Thayer, Taylor Wright, Eli Yaroch.

The AI's of CHAI

Text-to-audio models Suno (<https://suno.com>) and SynthGPT
(<https://fadr.com/synthgpt>); Tone transfer models DDSP
(<https://sites.research.google/tonetransfer>) and NoiseBandNet
via Cocreate (<https://cocreate.glitch.me>); Voice
emulation/cloning models on Kits AI (<https://kits.ai>);
Stem-splitting with Fadr (<https://fadr.com/stems>) or the latest
version of Logic Pro on Apple M1/M2 Macs
(<https://apple.com/logic-pro>); Lyrics and structural/content
suggestions from ChatGPT (<https://chat.openai.com>); MIDI
beat generation with Logic Pro AI Session Players and MAIA
Markov via Cocreate (<https://cocreate.glitch.me>); Real-time
gesture recognition for expressive MIDI control with
MIDIWeave by Navaneeth Suresh Kumar
(<https://navaneethskumar.com/projects>)

CHAI Ensemble

DR. RAINA MURNAK
& DR. TOM COLLINS
DIRECTORS

Saturday, April 12th • Two Thousand and Twenty Five • Seven Thirty in the Evening

Virtual Stream
University of Miami • Coral Gables, Florida

INTRODUCTION TO THE PROGRAM

In summer 2024, Drs. Raina Murnak, Tom Collins, and Chris Bennett embarked on a project funded by the University's Lab for Integrative Knowledge (U-LINK) called CHAI, which stands for Concerts with Humans and Artificial Intelligence.

The project investigates the acceptability and influence of AI in music-making processes. We explore and uncover new frontiers in music making, focusing on musicians' perceptions when collaborating with AI.

CHAI has comprised running a MusicReach summer school, taking Frost students to Zürich, Switzerland to compete in the final of the International AI Song Contest, writing and presenting research papers and new music technology curricula, and making AI-infused music with ensemble students at Frost and external artists.

Tonight, we are proud to present AI-infused music made by ensemble students at Frost, as well as external artists Jasmine Ortiz and Anders Swanson. If you would like more information on the CHAI project's activities and outputs, please see <https://chai-music.glitch.me>.

Those who are interested in learning more about music and AI (links to tools, blogs on technical and ethical perspectives, tutorials) can request a free account on Frost AI (<https://frost-ai.glitch.me>) by emailing frostai.glitch.me@gmail.com.

We hope you enjoy this Concert with Humans and AI.

Tom Collins and Raina Murnak, April 2025

PROGRAM ORDER

Spin Me Around. Jacey Schell, Esosa Imafidon,
NoisebandNet,
Logic AI, ChatGPT

Esosa Imafidon, Lead Vocals
and Alivia Clarke, Backing Vocals
Joe Cowell, Guitar
Jacey Schell, Bass
Ian Miller, Keys
Chelsea Roman, Drums

Real Thing. Alivia Clarke, Coleman Rutherford, Ian Miller,
Chat GPT, Logic AI

Alivia Clarke, Lead Vocals
Esosa Imafidon, Backing Vocals
Ian Miller, Piano
Joe Cowell, Guitar
Coleman Rutherford, Bass
Chelsea Roman, Drums

Walk with Me. Jasmine Ortiz, Jack Reilly, Eduardo Chavez,
Amanda Pasler, Isabella Heck, Alivia Clark, Tom Collins
ChatGPT, Suno AI

Jasmine Ortiz, Lead Vocals
Alivia Clarke & Amanda Pasler, Backing Vocals
Isabella Heck, Bass
Jacey Schell, Abelson Push

Afterglow. Jasmine Ortiz, Jacey Schell, Amanda Pasler
Isabella Heck, Alivia Clark, Tom Collins
ChatGPT, Suno AI

Jasmine Ortiz, Alivia Clarke & Amanda Pasler, Vocals
Eli Yaroch, Keys
Isabella Heck, Bass
Jacey Schell, Abelson Push

ARTIST BIOS

Jasmine Ortiz

Songwriter, producer, musician, and singer - Jasmine Ortiz isn’t afraid of doing it all. She has been passionate about music since she began piano lessons around age three. In 2023, Jasmine was inducted into the Recording Academy as a New Voting Member. She is currently devoted to expanding her sound by combining her Pop/R&B influences with Musica Urbana. Her latest single, “No Quiero Na”, depicts this crossover to Latin music with bilingual verses and a Spanish chorus. As a 2022 graduate from the University of Miami Frost School of Music, Jasmine has become a music business professional working with music metadata, copyright law, and music publishing. Her post-grad life has included frequent travel to Medellin, Colombia to tour with La Mega Radio Station, and to Asuncion Paraguay to perform in the Expo Del Norte Music Festival. She recently penned a joint-venture with iHeart Radio 99.7 Da Heat Miami; to launch her original podcast, “The Jasmine Ortiz Show”. Her show works to foster a sense of community between Gen Z and Millennial creatives in Miami and beyond. <https://youtube.com/iamjasmineortiz>

Anders Swanson

I'm an artist, producer, and songwriter based in Nashville, TN. I graduated from Frost in 2022 originally with plans to attend medical school. However, I quickly realized that music was where my true passions lay and began teaching myself everything I could about music production, writing, recording, and more after completing my undergraduate studies. I'm now represented internationally by several publishers/agents who are pitching my music for TV/film/advertisement placement opportunities. I also produce for several artists (including other Frost alumni) and gig locally in the Nashville area. I'm grateful to be a part of the CHAI project and hope you enjoy my music! <https://andersswansonmusicco.squarespace.com>

Navaneeth Suresh Kumar

Navaneeth Suresh Kumar is a music engineer, composer, and lifelong music lover who enjoys exploring where sound, science, and technology meet. He began learning Carnatic music at a young age, and that sparked a passion that has grown into a career spanning performance, composition, and music technology. Navaneeth recently completed his Master’s in Music Engineering Technology at the Frost School of Music, University of Miami, where he combined his musical roots with skills in audio DSP, machine learning, music information retrieval, and interactive system design. His work ranges from building audio plugins to experimenting with AI for music generation using GANs and Transformers. He also composed the score for Kalam Standard 5B (2024), a film that received international recognition and multiple awards on the festival circuit. Alongside all this, he continues to teach music, sharing what he’s learned and staying connected to the joy of music-making. <https://navaneethskumar.com>

PROGRAM ORDER

Dancin’ Like	Jacey Schell, Sun AI Alivia Clarke & Esosa Imafidon, Vocals Ian Miller, Keys; Jacey Schell, Bass Joe Cowell, Guitar; Chelsea Roman, Drums
Scorched Earth	Amanda Pasler, Raina Murnak, Sun AI Amanda Pasler and Raina Murnak, Vocals
Silver Tongue.	Anders Swanson, ChatGPT Anders Swason, Vocals and Keys Isabella Heck, Bass Eli Yarocho, Guitar
Sleeve.	Anders Swanson, Kits AI, SynthGPT Anders Swason, Vocals and Keys Isabella Heck, Bass Eli Yarocho, Guitar
Mi Futuro.	Chelsea Roman, Joe Cowell, Sun AI, Fadr Chelsea Roman, Vocals and Congas Joe Cowell, Vocals and Guitar Alivia Clarke, Vocals and Cowbell Ian Miller, Keys Coleman Rutherford, Bass Esosa Imafidon, Bongos
Salsa, Salsita.	Chelsea Roman, Joe Cowell, Sun AI Chelsea Roman, Vocals and Congas Joe Cowell, Vocals and Guitar Alivia Clarke, Vocals and Cowbell Ian Miller, Keys; Jacey Schell, Clarinet; Coleman Rutherford, Bass; Amanda Pasler, Mouth Horn; Esosa Imafidon, Bongos

Special Thanks

Image and Video Credits

Thank you to Lee Smith Photography (<https://leesmithphotos.com>) for permission to use the banyan tree images during song “Walk with me”. We used OpenAI’s Sora (<https://sora.com>) for generating visuals for “Salsa salsita”. OpenProcessing (<https://openprocessing.org>) was used as the source for visualizations for other songs.

Thank you to: **Amanda Pasler** for contributing to and guiding various aspects of the CHAI project – especially tonight’s ensemble; Amari Stewart for capturing and editing video content for tonight’s show, as well as for help with AV setup; **Christine Vignolio** and her colleagues, Cristy Lopez and Barbara Ham for coordinating on procurement and pay; Juan Cejas, Vicente Sanchis Martinez, and Victor Sintchak for help with Clarke and the projections; Our Production Services crew, Spencer Soule, Jackson Tallamy, and Riley Zakarian; Eva Olivares, and the U-LINK team.

CHAI Ensemble

Dr. Tom Collins, Director
Dr. Raina Murnak, Director
Amanda Pasler, Teaching Assistant
Alivia Clarke
Joe Cowell
Esosa Imafidon
Ian Miller
Chelsea Roman
Coleman Rutherford
Jacey Schell

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