July 2023

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#### **EDUCATION**

#### 2013-2016 **Doctor of Musical Arts (D.M.A) in Music Composition Arizona State University, Tempe, AZ** Dissertation: *Perception of the Holocaust and its Representation in Works by Arie Shapira* and original composition *"by my death…."* for mixed chamber ensemble and laptop ensemble Committee: Kotoka Suzuki (Chair), Sabine Feisst, Garth Paine

- 2011-2013 Master of Music (M.M.) in Music Composition Arizona State University, Tempe, AZ Thesis: *Three Meditations on the Philosophy of Boethius* for computer, electric guitar, and piano interior. Advisor: Glenn Hackbarth Principal Teachers: Jody Rockmaker, Sabine Feisst, James DeMars,
- 2007-2011 **Bachelor of Arts (B.A.) in Music,** *Summa Cum Laude* **University of Haifa, Haifa, Israel** Principal Teachers: Oded Zehavi, Eitan Steinberg, Yuval Shaked, Inbal Guter, Eda Dobrovetsky, Assaf Talmudi Thesis: *Humor and Parody in Richard Strauss' Ariadne auf Naxos*

#### **TEACHING EXPERIENCE**

- 2022-present Adjunct Professor ENTI, Universitat de Barcelona, Barcelona, Spain Audiovisual Technology Advanced Composition
- 2018-present Adjunct Professor Department of Computer Science, Ben-Gurion University, Be'er-Sheva, Israel Sound Design for Video Games (online) Introduction to Computer Music (online)
- 2018-present Adjunct Professor Computer Science Studies, Sapir Academic College, Ashkelon, Israel Introduction to Computer Music (online)
- 2017 Instructor School of the Arts, University of Haifa, Haifa, Israel Programing with Max/MSP (workshop)
- 2015 Instructor School of Music and Jewish Studies, Arizona State University, Tempe, AZ MUS 394: Jewish Music

#### (Teaching Experience cont.)

# 2011-2016Teaching Assistant<br/>School of Music, Arizona State University, Tempe, AZ<br/>Teach the aural skills section of the core music theory classes

#### **PROFESSIONAL EXPERIENCE**

#### 2019-present Co-Founder

EyeHarp Association, Barcelona, Spain Responsibilities include: guiding the artistic and creative vision of the project; designing sounds and transcribing songs for the application; designing and maintaining project website; helping with EyeHarp lessons and with developing educational aspects.

#### 2019-2020 Artist in Residence

Phonos Foundation, Barcelona, Spain

#### 2018 Visiting Researcher

MUSA (*música accesible*) Project, Phonos Foundation, Barcelona, Spain Responsibilities include: helping to develop accessible musical interfaces; teaching music; composing and arranging music for accessible digital instruments.

#### 2017 Visiting Composer in Residence

Music Technology Group, Universitat Pompeu Fabra, Barcelona, Spain

#### 2017 **Performer**

Barcelona Laptop Orchestra

#### 2016-2018 Adjudicator

Society of Electro-Acoustic Music in the United States National Conference

#### 2016 **Co-Director**

Laptop Orchestra of Arizona State Responsibilities include: directing ensemble, curating repertoire, conducting rehearsals, organizing events, managing funds, administration.

#### 2015-2016 Artistic Director

*Can There Be Music After Auschwitz?*, a Series of Curated Concerts About Music and the Holocaust. Phoenix, AZ Responsibilities include: curating repertoire, managing funds, hiring performers, directing ensembles, conducting rehearsals, organizing events, administration.

#### 2015-2016 **Treasurer**

Laptop Orchestra of Arizona State

#### 2014-2015 **President**

Society of Composers, Inc. Student Chapter, ASU School of Music

#### (Professional Experience cont.)

- 2014-2016 **Performer** Laptop Orchestra of Arizona State
- 2014-2015 **Editor** Piano Productions Press, Philadelphia, PA Responsibilities include: editing music scores and online content
- 2013 **Director of Live Entertainment** Programming and Activities Board, Arizona State University Responsibilities include: planning live music events, booking artists, overseeing production
- 2012-2014 **Treasurer** Society of Composers, Inc. Student Chapter, ASU School of Music

#### 2009-2011 **Performer** *Paddy's Green Shamrock,* traditional Irish folk music, guitar and vocals, Haifa, Israel

2006-2011 **Performer and Song-Writer** Sunday and the Beer-Bellies, classic rock covers and original music, bass guitar and vocals, Haifa, Israel

#### **PROFESSIONAL SKILLS**

Programming: Max/MSP, Pure Data, Processing, HTML

Electronic studio techniques: composition, sound design, recording, editing, producing

Musicianship skills: composition and theory, ear training, sight singing, keyboard harmony skills

Languages: Hebrew (native), English (fluent), Spanish (intermediate), French (beginner)

#### **CURATING EXPERIENCE**

 2018 Project Co-Organizer *MUSA Concert*, a concert of MUSA Project students with professional musicians. Sala Aranyó, Universitat Pompeu Fabra, Barcelona, Spain
 2018 Curator Music for laptop orchestra presentation. Shilo Foundation, Haifa, Israel
 2017 Curator

Klezmer music presentation. BCN World Music Project, Barcelona, Spain

### (Curating Experience cont.)

2016	<b>Project Co-Organizer</b> <i>IMM for IDD</i> , a concert of interactive media music for the benefit of The Arc of Tempe. Knights of Pythias Lodge, Tempe, AZ
2016	<b>Project Co-Organizer</b> <i>Carpel Tunnel No More!,</i> Laptop Orchestra of Arizona State concert. Organ Hall, ASU School of Music, Tempe, AZ
2015	<b>Project Co-Organizer</b> <i>Electric Spaces,</i> electro-acoustic music & 3D planetarium visuals. Marston Exploration Theater, ASU School of Earth and Space Exploration, Tempe, AZ
2015	<b>Project Co-Organizer</b> Diemo Schwarz (IRCAM) CataRT Workshop. Matthews Hall, ASU School of Arts, Media and Engineering, Tempe, AZ
2015	<b>Project Co-Organizer</b> <i>Arid Landscapes String Quartet Concert.</i> Balance-Unbalance Conference, Katzin Concert Hall, ASU School of Music, Tempe, AZ
	SERVICE
2022	<b>Judge</b> ENTI Christmas Jingle Award, Universitat de Barcelona, Barcelona, Spain
2019	<b>Audiovisual Technician</b> BCN Music Technology Forum, Universitat Pompeu Fabra, Barcelona, Spain
2018	<b>Mentor</b> Sónar Innovation Challenge, Sónar+D, Barcelona, Spain
2015	<b>Judge</b> Itay Weiner Composition Competition, University of Haifa, Israel
2013-2016	<b>Composition Graduate Student Representative</b> Student Advisory Council, School of Music, Arizona State University
2013-2015	<b>Travel Grant Reviewer</b> Graduate and Professional Student Association, Arizona State University

#### ACADEMIC PAPERS AND PRESENTATIONS 2021 Arcos: Real-Time Graphic Score Generated from Gesture Data New York City Electroacoustic Music Festival, Online Refereed **Using Gesture Data to Generate Real-Time Graphic Notation: A Case Study** International Conference on Technologies for Music Notation and Representation, online Refereed 2020 **Got Rupee: 8-Bit Dynamic Notifications SFX** GameSoundCon, online Refereed 2019 Live Music: Dynamic Graphic Notation Mixtur, Fabra i Coats, Barcelona, Spain Invited 2018 **Communicating Ideas Through Music Composition** Universitat Pompeu Fabra, Barcelona, Spain Invited 2016 The Morphology Question in Live Laptop Performance Jerusalem Academy of Music and Dance, Jerusalem, Israel Invited **The Cultural Origins of Klezmer Music Online presentation** Paradise Valley Community College, Paradise Valley, AZ Invited Jewish Composers During the Holocaust University of Haifa, Haifa, Israel Invited **Composition and Performance of Music for Laptops** Johannes Gutenberg Universitaet, Mainz, Germany Invited 2015 **Composition for Laptops and Laptop Performance** Online presentation in collaboration with Justin Kennedy MUSLAB 2015, Universidad Autónoma Metropolitana Xochimilco Xochimilco, Mexico City, Mexico Invited

#### (Academic Papers and Presentations cont.)

### 2014 **Performance Considerations for Music Involving Interactive Media**

In collaboration with Garrett Johnson and Justin Kennedy Alliance for the Arts in Research Universities National Conferences, Iowa State University, Ames, IA Refereed

**Perception of the Holocaust and its Memory in Compositions by Arik Shapira** Holocaust Music Symposium, Florida State University, Tallahassee, FL Refereed

#### **Composition Studio Presentation**

Bar-Ilan University, Ramat Gan, Israel University of Haifa, Haifa, Israel Invited

#### **FESTIVALS AND CONFERENCES**

2023 Israel Music Fest

Tel Aviv, Israel Performance

**Tzlil Meudcan Festival** Tel Aviv, Israel Performance

- 2022 **Rossi Fest** Belgrade, Serbia Performance
- 2021 New York City Electroacoustic Music Festival New York City, NY/Online Presentation

**International Conference on Technologies for Music Notation and Representation** Hochschule für Musik und Theater, Hamburg, Germany/online Presentation

#### 2020 AI Music Creativity Royal Institute of Technology (KTH), Stockholm, Sweden Co-author

**GameSoundCon** Los Angeles, CA/Online Presentation

#### (Festivals and Conferences cont.)

#### 2019 Sound and Music Computing

E.T.S.I. Telecomunicación, Universidad de Málaga, Málaga, Spain Performance

#### Mixtur 2019

Fabra i Coats, Barcelona, Spain Performance, presentation, and masterclasses with Tristan Murail

#### **Israel Music Festival** Zikhron Ya'akov, Israel

Performance

### 2018 Sónar+D 2018

Fira Montjuic, Barcelona, Spain Sónar Innovation Challenge presentation

#### **Open Circuit 2018**

Foundation for Art and Creative Technology, Liverpool, England Performance

#### 2017 Composit New Music Festival

Auditorium Varrone and Palazzo Vecchiarelli, Rieti, Italy Performance and masterclasses with Peter Ablinger and Jean-Francois Charles

### New York City Electroacoustic Music Festival

Abrons Arts Center, New York, NY Performance

**2nd International Workshop on Quantitative and Qualitative Music Therapy Research** Universitat Pompeu Fabra, Barcelona, Spain Performance

#### **Contemporary Encounters by Meitar Ensemble** Israel Music Conservatory, Tel Aviv, Israel Performance and masterclasses with Georg Friedrich Haas and Philippe Leroux

#### 2016 **Sound and Music Computing** Kampnagel and Hochschule für Angewandte Wissenschaften, Finkenau Media Campus, Hamburg, Germany Performance

**SEAMUS National Conference** Georgia Southern University, Statesboro, GA Performance

#### (Festivals and Conferences cont.)

#### 2016 **Oh My Ears 2016 New Music Marathon** Mesa Arts Center, Mesa, AZ Performance

#### 2015 **MUSLAB 2015** Sala Julian Carrillo, Centro Cultural de Espana en Mexico, and UAM Xochimilco, Mexico City, Mexico Performance and presentation

**Studio 300 Digital Art and Music Festival** Transylvania University, Lexington, KY Performance

**New York City Electroacoustic Music Festival** Abrons Arts Center, New York, NY Performance

**Balance-Unbalance** Arizona State University, Tempe, AZ Performance

**oh my god, my body, my ears!** Trunk Space, Phoenix, AZ Performance

#### **Explore!**

Thessaloniki, Greece Reading

2014 **Southwest Electronic Music Festival** Arizona State University West Campus, Glendale, AZ Performance

> **Alliance for the Arts in Research Universities National Conferences** Iowa State University, Ames, IA Performance and presentation

**New Horizons Music Festival** Truman State University, Kirksville, MO Performance

**Summer Composition Intensive** St. Mary's College, South Band, IN Summer composition program

### (Festivals and Conferences cont.)

2014	<b>Holocaust Music Symposium</b> Florida State University, Tallahassee, FL Presentation
2013	<b>Electronic Music Midwest Festival</b> Kansas City Kansas Community College, Kansas City, KS Performance
	<b>Society of Composers, Inc. Region IV Conference</b> Eastern Kentucky University, Richmond, KY Performance
	<b>PARMA Music Festival</b> Portsmouth, NH Performance
2012	<b>Music Meets Poetry</b> University of Haifa, Haifa, Israel Performance
2009	<b>Music Meets Poetry</b> University of Haifa, Haifa, Israel Performance
	GRANTS, AWARDS, AND HONORS
2021	<b>GRANTS, AWARDS, AND HONORS</b> <b>i-Portunus Grant</b> European Commission
2021 2019	i-Portunus Grant
-	i-Portunus Grant European Commission Fund for Independent Creators
2019	<ul> <li>i-Portunus Grant European Commission</li> <li>Fund for Independent Creators State of Israel, Ministry of Culture and Sport</li> <li>Student Enrichment Grant</li> </ul>
2019 2016	<ul> <li>i-Portunus Grant European Commission</li> <li>Fund for Independent Creators State of Israel, Ministry of Culture and Sport</li> <li>Student Enrichment Grant Arizona State University</li> <li>Graduate Research and Support Program Grant</li> </ul>
2019 2016	<ul> <li>i-Portunus Grant European Commission</li> <li>Fund for Independent Creators State of Israel, Ministry of Culture and Sport</li> <li>Student Enrichment Grant Arizona State University</li> <li>Graduate Research and Support Program Grant Arizona State University, GPSA and Graduate Education</li> <li>Schwartz Scholars Fund Grant</li> </ul>

#### (Grants and Awards cont.)

2013	<b>First Prize</b> Joan Frazer Memorial Award for Judaism and the Arts
2012	<b>Selected Composer</b> Phoenix Art Museum String Quartet Project
2011	Andrew Brown Scholarship Arizona State University
	<i>Summa Cum Laude</i> University of Haifa

2010 **Dean's List** University of Haifa

#### **PROFESSIONAL AFFILIATIONS**

- 2016-present Israel Composers League
- 2015-2018 Society for Electro-Acoustic Music in the United States
- 2013-present Broadcast Music, Inc.
- 2012-2018 Society of Composers, Inc.

#### **SELECT PERFORMANCES**

- 2023 *L'appel du vide* for saxophone quartet Tel Aviv Saxophone Quartet Tzlil Meudcan Festival, Tel Aviv, Israel Israel Music Festival, Tel Aviv, Israel
- 2022 *Seis canciones de amor y muerte* for voice and electronics with real-time score Ilona Schneider, voice Forn Antic de Vallcarca, Barcelona, Spain

*hay que respirar* for saxophone and live electronics Jonathan Chazan, saxophone Saloto, Milan, Italy

*"by my death...", II* for violin, narrators, and laptops Mina Mendelson, violin | Stefan Zekić, laptop | Ana Bunjak, voice and laptop | Jelena Zekić, voice and laptop Rossi Fest, Belgrade, Serbia

### (Select Performances cont.)

2021	<i>hay que respirar</i> for saxophone and live electronics Jonathan Chazan, saxophone NIU, Barcelona, Spain MAMU, Milano, Italy
	Israel Music Conservatory, Tel Aviv, Israel
2020	<b>Arcos</b> for cello and augmented violin bow with real-time score Erica Wise, cello   Gil Dori, laptop Sala Aranyo, Universitat Pompeu Fabra, Barcelona, Spain
2019	<b>"Tenir el cap ple de…"</b> for open ensemble and EEG conductor Sound and Music Computing, Universidad de Málaga, Málaga, Spain Tomás Ocaña, clarinet   Damian Sanchez, cello   Gil Dori, EEG
	<i>Identity Problems</i> for voice solo Re'ut Ben-Ze'ev, voice Israel Music Conservatory, Tel Aviv, Israel
2019	<b>Cada recuerdo mas lejos</b> fixed media Mixtur, Fabra i Coats, Barcelona, Spain Sindicato de Altavoces, Sala Aranyo, Universitat Pompeu Fabra, Barcelona, Spain
	<i>Siete Dolores</i> for saxophone and multimedia Jonathan Chazan, saxophone HaTeiva, Tel Aviv, Israel Israel Music Festival, Zikhron Ya'akov, Israel
2018	<i>resplandece el sol de mediodía</i> for voice, accordion, and piano Victor Jimenez Diaz, voice   Nikola Tanaskovic, accordion   Maria Ivanovich, piano Auditori Municipal, Vilafranca del Penedés, Spain
	( <b>bcn)621</b> for percussion, cello, and laptop Miquel Vich Vila, percussion   Erica Wise, cello   Gil Dori, laptop Sala Aranyo, Universitat Pompeu Fabra, Barcelona, Spain
	<i>Linea/Punto</i> for open ensemble with animated score MIO Ensemble Foundation for Art and Creative Technology, Liverpool, England
2017	<i>Es Werde: Klang</i> for voice, recorder, and live electronics with real-time graphic score UMS 'n JIP Brig, Switzerland
	<b>Right of Passage</b> installation, movement driven live audio and video

Composit New Music Festival, Rieti, Italy

#### (Select Performances cont.)

2017 **Rettangoli** for laptop ensemble Composit Live Electronics Ensemble Composit New Music Festival, Rieti, Italy

> *L'appel du vide* for saxophone quartet Tel Aviv Saxophone Quartet Israel Music Conservatory, Tel Aviv, Israel

**EYENOTEN** for EyeHarp, a gaze-controlled music interface Alper Kaya, Eyeharp 2nd International Workshop on Quantitative and Qualitative Music Therapy Research, Universitat Pompeu Fabra, Barcelona, Spain

*Linea/Punto* for open ensemble with animated score NYU New Music Ensemble Frederick Loewe Theatre, New York, NY Abrons Arts Center, New York City Electroacoustic Music Festival, New York, NY

*Das andere Tanzlied* for clarinet, cello, and piano Jonathan Hadas, clarinet | Sonia Navot, cello | Mariachiara Grilli and Amit Dolberg, piano CEME 2017, The Israel Conservatory of Music, Tel Aviv, Israel

2016 **Desert Stroll** for clarinet and live electronics Nora-Louise Müller, clarinet SMC 2016, Kampnagel, Hamburg, Germany

> *WaterwAZe* for Fluid Dynamics, a water-based instrument built by Gino Ceresia and Althea Pergakis. Arian Robinson, percussion Knights of Pythias Lodge, Tempe, AZ

*"by my death..."* for chamber ensemble and laptop ensemble Doctoral dissertation composition indeterminate duration Josh Bennet, clarinet | Jackie Fazekas, horn | Lisa Atkinson, percussion | Alexandra Birch, violin | Ben Hedquist. Bass | Justin Kennedy, Althea Pergakis, and Paloma Orozco, laptops premiered at Katzin Concert Hall, Tempe, AZ

*L'appel du vide* for saxophone quartet Drosera Quartet ASU Art Museum, Tempe, AZ

**Proportarum** fixed media SEAMUS National Conference, Statesboro, GA SMC 2016, Hochschule für Angewandte Wissenschaften, Finkenau Media Campus Hamburg, Germany

#### (Select Performances cont.)

2016 *Petrified* for electronically augmented marimba Joseph Millea, percussion Flagstaff Modern and Contemporary Gallery, Flagstaff, AZ Sam Houston State University, Huntsville, TX

> *SHFR* for any ensemble Redshift Vertical Orchestra 2015, ASU Wind Ensemble W.P. Carey School of Business, Tempe, AZ

**Proportarum** fixed media MUSLAB 2015, Sala Julian Carrillo Radio UNAM and Centro Cultural de Espana en Mexico, Mexico City, Mexico Studio 300 Digital Art and Music Festival, Lexington, KY Marston Exploration Theater, Tempe, AZ

*Phase One* fixed media New York City Electroacoustic Music Festival, New York, NY

2015 *Nigunim* for Klezmer ensemble and laptop ASU ensemble Scottsdale Center for the Performing Arts, Scottsdale, AZ Phoenix Art Museum, Phoenix, AZ

> **Desert Stroll** for clarinet and live electronics Josh Bennet, clarinet Balance-Unbalance, Tempe, AZ Trunk Space, Phoenix, AZ

> *Canyon Night Counterfort* for string quartet ASU string quartet Balance/Unbalance, Tempe, AZ

*Constant Struggle* for chamber ensemble read by dissonArt ensemble TSSO Rehearsal Hall, Thessaloniki, Greece

2014 *Farbenklangspiel* for laptop ensemble Laptop Orchestra of Arizona State (LORKAS) Alliance for the Arts, National Conferences, Ames, IA Southwest Electronic Music Festival, Glendale, AZ Mesa Arts Center, Mesa, AZ

> *Phase One* fixed media New Horizons Music Festival, Kirksville, MO

### (Select Performances cont.)

2014	<i>Constant Struggle</i> for chamber ensemble Classical Revolution Phoenix Tempe History Museum, Tempe, AZ
	<i>Tempus Contra Tempum</i> for percussion quartet ASU Contemporary Percussion Ensemble Evelyn Smith Music Theatre, Tempe, AZ
	<b>RE: 16 Folk Songs</b> for chamber ensemble and electronics ASU ensemble United Nations Day Concert, Phoenix College, Phoenix, AZ
	<b>SRBCP</b> fixed media PARMA Music Festival, Portsmouth, NH Electronic Music Midwest Festival, Kansas City, KS
	<i>Three Songs</i> for voice and piano Hannah Draper, voice   Dr. Bernardo Scarambone, piano Society of Composers, Inc. Conference, Richmond, KY
2013	<i>Sonata for Saxophone</i> for saxophone and piano Eric Berg, saxophone   Ryan Cerullo, piano Phoenix Art Museum, Phoenix, AZ
	<b>Dessert Stroll</b> for clarinet and live electronics Erica Low, clarinet Erica Low's final degree recital, Katzin Concert Hall, Tempe, AZ
	<i>Vanitas</i> for chamber ensemble ASU ensemble Joan Frazer Award Concert, Tempe, AZ
2012	<i>Three Song</i> for voice and piano Rona Israel-Kolatt, voice   Shira Lagman, piano Music Meets Poetry, University of Haifa, Haifa, Israel
	<i>String Quartet No. 3</i> read by Julliard Quartet Katzin Concert Hall, Tempe, AZ
	<i>Canyon Night Counterfort</i> for string quartet ASU string quartet Phoenix Art Museum, Phoenix, AZ

#### (Select Performances cont.)

2012 *Where Are We Going? And What Are We Doing? Homage to John Cage* for percussion quartet ASU ensemble Suzie Brendt's final degree recital, Katzin Concert Hall, Tempe, AZ

> *Variation on a Variation* for string quartet read by Brentano String Quartet Katzin Concert Hall, Tempe, AZ

- 2010 **Substance/Particles** for piano and electronics Inbal Guter, piano University of Haifa, Haifa, Israel
- 2009 *From Nasty Children's Rhymes and More* fixed media Music Meets Poetry, University of Haifa, Haifa, Israel