

**EDUCATION**

**University of Cambridge**, Cambridge, United Kingdom  
M.Phil, Music, 2019.

**Williams College**, Williamstown, Massachusetts, United States  
B.A., Music and Mathematics, 2018.  
Graduated *cum laude* and with *Highest Honors in Music*.

**RESEARCH****Learning Well-tempered Behavior: The Performance of Bach's Keyboard Works on the Ill-tempered Piano**

Temperament can provide insight into Bach interpretation style that is often overlooked by performers and scholars. Historical music performance studies has often ignored the possibility of Bach performance practice on the modern piano, dismissing it as anachronistic in baroque music. This dissertation examines how the performance of Bach's pieces on an equally-tempered piano can be informed by a hierarchical tension analysis with consideration for historical well-temperaments through an autoethnographic lens.

*Supervisor*: Mine Doğantan-Dack (University of Cambridge), *Advisor*: Bettina Varwig (University of Cambridge)

**Reclaiming Musical Inequality: A Study on Historical Tunings and Modulatory Schemes of Preludes in J.S. Bach's Das wohltemperierte Klavier I, BWV 846-893**

This thesis analyzes selected preludes from the first book of J.S. Bach's Well-tempered Clavier, focusing on the aesthetic issues that arise from discordance and concordance in two particular cases of well-temperament by Neidhardt (1732). Specifically, dominants were suppressed or emphasized in ways that corresponded to the degree of discordance that they projected in relation to their tonics.

*Advisors*: Ed Gollin (Williams College), Doris Stevenson (Williams College)

**Expressive Timing and its Histories**

This study examines the notion that there is rapid, external stylistic change in performance in the mid-twentieth century. In comparing aspects of tempo, rhythmic flexibility and the correlation between performances, this study also examines the methodological problems inherent in studying historical recordings from an empirical point of view. Finally, this paper examines how the expression of functionally ambiguous points in several of Debussy's Préludes has changed over the course of the century.

*Collaborators*: Daniel Shanahan (Louisiana State University)

*Conferences*: South Central Society for Music Theory Conference, Hattiesburg, Mississippi. March 2018.

## AWARDS

### **Hubbard Hutchinson 1917 Memorial Fellowship in Music (2018)**

Awarded to a member of the graduating class who produces the most creative work in music, to assist in continuing work in music for a period of two years following graduation.

### **Colin and Lili Roche 1993 Student Fellowship (2017)**

Awarded to selected students to support research or creative endeavors that complement a student's academic course of study, in order to catalyze a full-year honors thesis.

### **Berkshire Symphony Soloist Competition Winner (2016)**

Awarded to selected students the chance to perform a solo in the Berkshire Symphony's final concert season.

## EXPERIENCE

### **Piano TA**, Williams College Dept. of Music (2016-18)

Mediated communications between students and faculty, staff and department chair. Supported visiting piano artist relations, providing page turning, master class programming and rehearsal scheduling. Advised piano students on technique, musicality, and performance.

### **Peer Tutor**, Williams College Academic Resources (2016-18)

One-on-one tutor for music theory and aural skills, advanced mathematics (single and multivariable calculus, linear algebra, abstract algebra, real analysis), and microeconomics. Tutored Williams College Summer Science and Humanities Program.

### **Accompanist**, Williams College Dept. of Music (2014-18)

Accompanied for lessons, rehearsals, and performances for the studios of Joanna Kurkowicz, Joana Genova, Muneko Otani, Nathaniel Parke, Ah Ling Neu, Keith Kibler, Kerry Ryer-Parke, Erin Nafziger, Jacqueline DeVoe, Carl Jenkins, and Floyd Hebert.

### **Media Specialist**, Williams College Office of IT (2016)

Developed ear training and aural skills javascript app for Prof. Ed Gollin for use in music theory courses (earlab.williams.edu). Managed content, Wordpress CSS, and javascript support for Prof. M. Jennifer Bloxam's Obrecht Mass site (sites.williams.edu/obrechtmass). Managed media content for forthcoming eclipse website for Prof. Jay Pasachoff.

## PERSONAL

**Phone:** (858) 353-5832

**E-mail:** stephentangerineai@gmail.com

**Website:** stephenai.com

**Citizenship:** USA

**Languages:**

English (native), Chinese (speaking), Spanish (proficient),  
German (reading)

**Interests:**

Cooking, Animated Film, E-sports, Geometry and Topology,  
Civic Engagement, Phenomenology, Reality TV Shows with  
Slow Pacing.

**REFERENCES**

**Professor Ed Gollin**

Department of Music  
Williams College  
Williamstown, MA 01267  
egollin@williams.edu

**Professor M. Jennifer Bloxam**

Department of Music  
Williams College  
Williamstown, MA 01267  
jbloxam@williams.edu

**Doris Stevenson**

Department of Music  
Williams College  
Williamstown, MA 01267  
dstevens@williams.edu

**Dr. Mine Doğantan-Dack**

Faculty of Music  
University of Cambridge  
Cambridge, UK  
md787@cam.ac.uk

**Jonathan Myers**

Department of Music  
Williams College  
Williamstown, MA 01267  
jcm1@williams.edu

**Laura Muller**

Academic Resources  
Williams College  
Williamstown, MA 01267  
ljm3@williams.edu