

# NATHANIEL STOTTEMYER

Glenmoore, PA 19343

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## Curriculum Vitae

### PERSONAL

Born April 28, 1979, Frederick, Maryland, The United States of America

### EDUCATION

**Doctor of Musical Arts in Music Education (ABD)**, Boston University, Boston, Massachusetts, Expected December 2021

Dissertation: *Engaging Secondary-Level Alternatively Musical Students with Code-Based Electronic Music Composition*

**Professional Certificate in Studio Production**, Berklee College of Music, Boston, Massachusetts, April 2015

**Master of Arts in Ethnomusicology with Distinction**, Liberty University, Lynchburg, Virginia, May 2014

Thesis: *Āl'Riq: The Arab Tambourine*

Advisor: Dr. Katherine Morehouse

**Bachelor of Music in Percussion Performance**, The Catholic University of America, Washington, District of Columbia, May 2003

Senior Recital: *Solos Inspired by the Musics of the Middle East, India, West Africa & Japan*

Junior Recital: *Solos for Percussion by Bach, Albright & Cirone*

Activities: Timpanist & Percussionist, CUA Symphony Orchestra; Percussionist, CUA Chamber Winds; Multi-Percussionist, CUA Percussion Ensemble; Drummer, CUA Jazz Ensemble; FOH Engineer, Office of Campus Activities; DJ, WCUA

### Instrument Studies

2008-2011 Michel Merhej Baklouk, *riq*

2009 Karim Nagi, *Arabic tabla, riq, def*

Murat Coskun, *lap-style frame drum, riq*

2006-2009 N. Scott Robinson, *lap-style & upright frame drum, riq, tamburello, kanjira, solkattu*

2003 Albert Merz, *timpani, mallets, orchestral percussion*

1999-2002 Luis Garay, *drum-set, congas, timbales, djembe, mallets, orchestral percussion*

1997-1998 Bob Novak, *drum-set, mallets, orchestral percussion, djembe, Arabic tabla, congas*

1997 Larry Bright, *drum-set*

1995-1997 Keith MacMichael, *drum-set, snare drum*

1986-1995 Doris Taylor, *piano*

### AWARDS

Redtie Award, Worship Music, Redtie Music, 2014

Advantage Scholarship, Liberty University, 2013

John Paul II Scholarship, The Catholic University of America, 2002

## **TEACHING EXPERIENCE**

### **Areas of Teaching Competence**

Procedural Programming, Object-Oriented Programming, Music Technology, Electronic Music Composition, Sound Design, Music Production, Music Theory, Music History, World Music

### **Certifications**

*Apple Teacher*

*Google Certified Educator: Level I*

*Maryland State Advanced Professional Certificate*

Endorsements: Music PreK-12

Ancillary Credits: Reading & Special Education

*Pennsylvania Instructional I Certificate*

Subject Areas: Music Education PreK-12 & Technology Education PreK-12

### **PreK-12**

*Collegium Charter School, Exton, Pennsylvania*

2019-2020 Courses Taught:

Advanced Placement (AP) Computer Science A (Java)  
AP Computer Science Principles  
Introduction to Computer Science  
Video Game Design in Unity  
Music Technology

Committees:

2020 Return to School Roadmap - Technology  
Virtual Graduation

*Mastery Charter Schools, Shoemaker Campus, Philadelphia, Pennsylvania*

2018-2019 Director, Shoemaker Mastery Chorus

Courses Taught:

Music 12: Music Technology  
Music 10: Class Piano  
Music 7/8: Rhythm & Percussion

*ESS - Norristown Area School District, Norristown, Pennsylvania*

2018

Courses Taught:

General Music, grades K-4

*Wallingford-Swarthmore School District, Wallingford, Pennsylvania*

2017-2018 Director, Strath Haven Middle School 6th-Grade Chorus

Courses Taught:

Music Technology, grade 8

*Anne Arundel County Public Schools (AACPS), Annapolis, Maryland*

2016-2017 Director, Annapolis High School (AHS) Percussion Ensemble

2009-2016 Director, Brooklyn Park Middle School (BPMS) Percussion Ensemble

Director, BPMS Steel Band

2012-2014 Lead Music Teacher, Advanced Learner Programs (ALPs) Summer Academy

2012-2013 Arts-Integration Lead Teacher

2007-2011 Music Department Lead Teacher

Director, BPMS Concert Band  
Director, BPMS Orchestra

Courses Taught:

Technology-based Piano & Keyboard I-IV  
Technology-based General Music, grades 6-12  
HS Percussion Ensemble  
MS Percussion Ensemble I, II and III  
MS Concert Band I, II and III  
MS Strings I, II and III

Advising:

2017 Emma Wilansky, International Baccalaureate Personal  
Project - Composition with Music Technology, 27  
February.

Committees:

2016-2017 Positive Behavioral Intervention & Support (AHS)  
2015-2016 Materials of Instruction (AACPS)  
2013-2016 Kids at Hope (Equity & Culturally Responsive  
Teaching, BPMS)  
2007-2012 Community Outreach (BPMS)  
2011 MIDI-Based Music Technology Planning/Implementation  
(AACPS)

Residencies Coordinated:

2013 Max Bent, Beat-boxer. Brooklyn Park Middle School,  
Baltimore, Maryland. 1 - 19 April.  
2012 Kevin Martin, Steel Pan Artist and Instrument Maker,  
Rockcreek Steel Drums. Brooklyn Park Middle  
School, Baltimore, Maryland. 13 February - 9  
March.  
2010 Steve Wright, Clay Instrument Maker, Wright Hand  
Drums. Brooklyn Park Middle School, Baltimore,  
Maryland. 1 May.  
2008 N. Scott Robinson, World Percussionist. Brooklyn Park  
Middle School, Baltimore, Maryland. 12  
November.

Additional Responsibilities:

FOH (A1) Engineer  
Wireless Microphone Engineer  
Gear & Instrument Maintenance

*Prince George's County Public Schools (PGCPS), Upper Marlboro, Maryland*  
2006-2007 Director, PGCPS All County Junior Youth Orchestra  
2004-2007 Director, Suitland Elementary School Concert Band & String  
Ensemble  
Director, William Hall Elementary School Concert Band & String  
Ensemble  
2003-2007 Director, Bradbury Heights Elementary School Band & String  
Ensemble  
2003-2004 Director, Shadyside French Immersion School Band & String  
Ensemble  
Director, Edgar Allen Poe Elementary School Band & String  
Ensemble

Courses Taught:

Introductory Winds  
Introductory Percussion  
Introductory Strings

Additional Responsibilities:  
Gear & Instrument Maintenance

### **Clinical**

2020 Rachel Shapiro (Virtual Mentee, University of Delaware) 20 April  
- 8 May  
Emily Denler (Virtual Mentee, University of Delaware) 30 March -  
17 April  
Thomas McGehrin (Student Observer, West Chester University) 9  
March - 13 March.  
2015 Kristiana Cobb (Pre-Intern, Towson University) 30 October - 4  
December.  
Laura Cole (Pre-Intern, Towson University) 25 September - 23  
October.  
Ross MacFarlane (Intern, Towson University) 23 March - 15 May.  
2014 Ross MacFarlane (Pre-Intern, Towson University) 22 October - 7  
November.  
Ji Chang (Pre-Intern, Towson University) 22 October - 7 November.

### **Undergraduate**

*Anne Arundel Community College, Arnold, Maryland*  
2016 Adjunct Instructor  
MUC-327 Brazilian Drumming  
Artist-in-Residence  
MUS-263 African Music & Dance, 12 October - 10 November  
Guest Lecturer  
MUS-262 World Music: Music as Culture, 27 October - 3  
November

### **Studio**

*NPS Music & Sound, Glenmoore, Pennsylvania*  
2019-2020 Founder & Artistic Director

*Sam Ash, King of Prussia, Pennsylvania*  
2017-2020 Instructor - Piano, Music Production, & Percussion

*Music and Arts, Severna Park & Bowie, Maryland*  
2005-2017 Instructor - Percussion

*Mercury Rising Percussion Ensemble, Ellicott City, Maryland*  
2010-2011 Guest Faculty - Concert and World Percussion

*The Chesapeake Arts Center, Baltimore, Maryland*  
2009-2010 Artist-in-Residence - Arab & West African Percussion

### **RESEARCH INTERESTS**

Algorithmic Composition, Adolescent Computer-Based Composition, Musical  
Control Systems, Musical Artificial Intelligence, Electronic Musical Notation  
Systems, Non-Traditional Notation

## **PRESENTATIONS**

### **Clinics and Workshops**

- "Programming Music: The Computer as a Musical Instrument." Computer Science Teachers Association Annual Conference. Virtual. 13 July, 2020.
- "Google Classroom for Music." Wallingford-Swarthmore School District. Wallingford, Pennsylvania. 9 October, 2017.
- "Unpacking the Music Technology Curriculum." Anne Arundel County Public Schools Fall Music Inservice. Annapolis, Maryland. 17 August, 2016.
- "Tone! Congas, Djembe and Cajon." Music and Arts. Severna Park, Maryland. 21 November, 2015.
- "Music Production: Making Music with Loops." Brooklyn Park Middle School. Baltimore, Maryland. 29 January, 2015.
- "Calculating Axial Room Modes to Modify an Acoustic Environment: An Arts-Integrated Model." Brooklyn Park Middle School. Baltimore, Maryland. 4 December, 2014.
- "Teaching Culturally Responsive World Music with Limited Instruments." Maryland Music Educators Association (MMEA) Fall Conference. Columbia, Maryland. 18 October, 2013.
- "World Percussion in the General Music Classroom: Western and non-Western Ideas." Music and Arts. Hanover, Maryland. 30 April, 2013.
- "Arts-Integration: A Cultural Lens." Brooklyn Park Middle School. Baltimore, Maryland. 15 April, 2013.
- "Arts-Integration: Natural & Meaningful Connections." Brooklyn Park Middle School. Baltimore, Maryland. 25 October, 2012.
- "Arts-Integration: Artful Thinking Routines." Brooklyn Park Middle School. Baltimore, Maryland. 18 September, 2012.
- "Arab Percussion: Raqs Sharqi Rhythms for Tabla/Derbekki." Barakaat Middle Eastern Dance Company, Maryland Athletic Center, Harbor East. Baltimore, Maryland. 7-21 February, 2012.
- "Arab Percussion: Raqs Sharqi Rhythms for Tabla/Derbekki," Co-taught with Shems. Maryland Athletic Center, Harbor East. Baltimore, Maryland. 1 February - 8 March, 2011.
- "World Percussion in the General Music Classroom: Western and non-Western Ideas." Washington County Public Schools Fall Music Inservice. Hagerstown, Maryland. 17 August, 2010.
- "World Percussion in the General Music Classroom: Western and non-Western Ideas." New Jersey Music Educators Association (NJMEA) Summer Workshop. Red Bank, New Jersey. 3 August, 2010.
- "World Percussion in the General Music Classroom: Western and non-Western Ideas." Dupage Clinic. Downers Grove, Illinois. 26 February, 2010.
- "World Percussion in the General Music Classroom: Western and non-Western Ideas." Music and Arts. Itasca, Illinois. 25 February, 2010.
- "Unpacking the Music Goes Global Curriculum." Anne Arundel County Public Schools Fall Music Inservice. Pasadena, Maryland. 14 August, 2009.
- "Supporting Educators with World Percussion." Music and Arts National Educator's Representatives Meeting. Hanover, Maryland. 21 February, 2009.
- "Orchestral Percussion Refresher." Anne Arundel County Public Schools Fall Music Inservice. Annapolis, Maryland. 19 August, 2008.

### **Lecture-Demonstrations**

- "The Riq and Arabic Iqa'at." School of Music, Liberty University. Lynchburg, Virginia. 27 July, 2012.
- "Drums of the World," The Chesapeake Arts Center *Arts Sampler Day*, Baltimore, Maryland. 25 July, 2010.

### **School Assemblies**

- "The Music of Morocco and the Arab World," with *Hicham Chami & Chris Witulski*, Annapolis High School, Annapolis, Maryland, 10 November, 2016.
- "Drums of the World," St. Paul's Lutheran School, Glen Burnie, Maryland, 8 November, 2016.
- "Luis Garay's Percussion World," with the *Luis Garay Ensemble*, Greenwood Elementary School, Brookeville, Maryland, 13 May, 2002.  
Kensington Parkwood Elementary School, Kensington, Maryland, 18 April 2002.  
Kingsview Middle School, Germantown, Maryland, 15 April, 2002.  
Luxmanor Elementary School, Silver Spring, Maryland, 12 April, 2002.  
Cashell Elementary School, Rockville, Maryland, 14 March, 2002.  
Blake High School, Silver Spring, Maryland, 6-7 December, 2001.  
The Madeira School, McLean, Virginia, 27 September, 2001.  
Northwest High School, Germantown, Maryland, 11 May, 2001.  
Julius West Middle School, Rockville, Maryland, 30 March, 2001.  
E. Brooke Lee Middle School, Silver Spring, Maryland, 8 March, 2001.  
St. John The Baptist School, Silver Spring, Maryland, 26 February, 2001.  
Fairland Elementary School, Silver Spring, Maryland, 23 February, 2001.  
Holy Trinity School Georgetown, Washington, D.C., 15 February, 2001.  
Beverly Farms Elementary School, Potomac, Maryland, 26 January, 2001.  
Poolesville Elementary School, Poolesville, Maryland, 22 January, 2001.  
John Poole Middle School, Poolesville, Maryland, 11 January, 2001.  
Chevy Chase Elementary School, Bethesda, Maryland, 15 December, 2000.

### **PUBLICATIONS**

#### **Compositions**

- Two Player: Duet for Modular Synthesizer with Two Retro Game Pads*. NPS Music & Sound: Glenmoore, Pennsylvania, 2020 (forthcoming).
- Metallics*. NPS Music & Sound: Glenmoore, Pennsylvania, 2017.
- Taiko Arcade*. NPS Music & Sound: Glenmoore, Pennsylvania, 2017.
- Ornaments: Three Duets for Percussion*. NPS Music & Sound: Glenmoore, Pennsylvania, 2016.
- Khamis' Tabla: Solo for Arabic Tabla and Percussion*. NPS Music & Sound: Glenmoore, Pennsylvania, 2016.
- Con Salsa, Por Favor: Son Montuño*. NPS Music & Sound: Glenmoore, Pennsylvania, 2015.
- So New: Explorations of "Sounou", for Malian Percussion*. NPS Music & Sound: Glenmoore, Pennsylvania, 2014.
- Duet for Frame Drums*. NPS Music & Sound: Glenmoore, Pennsylvania, 2011.
- Baladi: Duet for Riq and Arabic Tabla*. NPS Music & Sound: Glenmoore, Pennsylvania, 2009.
- Danse: Solo for Riq*. NPS Music & Sound: Glenmoore, Pennsylvania, 2009.
- Keep the Change: Solo for Arabic Tabla*. NPS Music & Sound: Glenmoore, Pennsylvania, 2009.
- Ayyub: Solo for Arabic Tabla*. NPS Music & Sound: Glenmoore, Pennsylvania, 2009.
- Sola Hula: Solo for Ocean Drum and Lap-Style Frame Drum*. NPS Music & Sound: Glenmoore, Pennsylvania, 2009.
- Bharata Mandinka: Solo for Gunta, Djembe, Ankle Bells, and Solkattu*. NPS Music & Sound: Glenmoore, Pennsylvania, 2009.

### **Curricula**

*Modular Synthesis for the Music Classroom: An Educator's Guide*. Grades 7-12. NPS Music & Sound: Glenmoore, Pennsylvania, 2020 (forthcoming).

*Music Technology*. Grades 9-12. Collegium Charter School: Exton, PA, 2019.

*Introduction to Technology & Digital Citizenship*. Grade 9. Collegium Charter School: Exton, PA, 2019.

*Music Technology*. Grades 9-12. Anne Arundel County Public Schools: Annapolis, Maryland, 2016.

*Music Goes Global*. Grades 6-8. Anne Arundel County Public Schools: Annapolis, Maryland, 2016.

*Percussion and Music Industry*. Performing and Visual Arts Magnet, Grades 9-12. Anne Arundel County Public Schools: Annapolis, Maryland, 2013.

*Percussion Ensemble*. Grades 6-8. Anne Arundel County Public Schools: Annapolis, Maryland, 2010.

*Music Goes Global*. Grades 6-8. Anne Arundel County Public Schools: Annapolis, Maryland, 2009.

#### **Recordings - CDs & Digital Albums**

Composer & Producer, *Corkscrew*, Der Stahlwald, Digital Album: NPS Music & Sound, 2019.

Composer & Producer, *dUbmUffin*, Der Stahlwald, Switched on Rack Volume 2 (compilation) Digital Album: VCV Rack, 2018

Composer & Producer, *oTTo (single)*, Der Stahlwald, Digital Album: NPS Music & Sound, 2018

Percussionist, *Phases of Love*, Keeley West, CD & Digital Album: by the artist, 2013.

Percussionist & Co-Producer, *Crevel*, Crevel, Digital Album: by the artist, 2009.

Percussionist, *Wind Serenade*, The Catholic University of America Chamber Winds, CD: The Benjamin T. Rome School of Music, 2000.

#### **Recordings - DVD**

Percussionist, *Ya Omri!*, Shems, DVD: by the artist, 2010.

Percussionist, *A Bellydance Show*, Sestraluna, DVD: Candlelight Productions, 2009.

#### **SELECTED PERFORMANCES**

Rachid Halihal, Hicham Chami and Chris Witulski with the Anne Arundel Community College World Music Ensemble, Pascal Center for the Performing Arts, Kauffman Theatre, Arnold, Maryland, 10 November, 2016.

Jenny Oaks Baker and The Cantori Women's Chorus, The Washington D.C. Mormon Temple Visitor's Center, Kensington, Maryland, 14 December, 2014.

Jenny Oaks Baker and The Cantori Women's Chorus, Saint Anne's Church, Annapolis Maryland, 13 December, 2014.

Jenny Oaks Baker, Alex Sharpe and The Cantori Women's Chorus, The Washington D.C. Mormon Temple Visitor's Center, Kensington, Maryland, 15-16 December, 2013.

Jenny Oaks Baker, Alex Sharpe and The Annapolis Chamber Orchestra, The Maryland Hall for the Creative Arts, Annapolis, Maryland, 13-14 December, 2013.

Jenny Oaks Baker and Alex Sharpe, The Washington D.C. Mormon Temple Visitor's Center, Kensington, Maryland, 16-17 December, 2012.

Fuad Foty, Vienna, Virginia, 14 April, 2012.

Fuad Foty, Herndon, Virginia, 24 March, 2012.

Jenny Oaks Baker and Ron Warren, The Washington D.C. Mormon Temple Visitor's Center, Kensington, Maryland, 11-12 December, 2011.

Jenny Oaks Baker, The Washington D.C. Mormon Temple Visitor's Center, Kensington, Maryland, 12-13 December, 2010.

The Hijaz Arabic Music Ensemble, *Ya Omri!*, The Baltimore Museum of Art, Baltimore, Maryland, 20 November, 2010.

The McLean Orchestra, Clemyjontri Park, McLean, Virginia, 17 September, 2010.

Mercury Rising Percussion Ensemble, Howard County Center for the Arts, Ellicot City, Maryland. 1 August, 2010.

Crevel, The Santi School Charity Art Auction, Baltimore, Maryland, 10 April, 2010.

Fortune Rota Percussion and the German School, The Music Center at Strathmore, Bethesda, Maryland, 27 March, 2010.

Jenny Oaks Baker, The Washington D.C. Mormon Temple Visitor's Center, Kensington, Maryland, 3-4 January, 2010.

Sestraluna, The Chesapeake Arts Center, Baltimore, Maryland, 14 November, 2009.

Sestraluna, The Chesapeake Bay Foundation, Annapolis, Maryland, 24 October, 2009.

K. S. Resmi & N. Scott Robinson, The Chesapeake Arts Center, Baltimore, Maryland, 26 May, 2009.

The Washington Metropolitan Philharmonic Orchestra, The Church of the Epiphany, Washington, D.C., 21 December, 2008.

Jenny Oaks Baker and The Washington Metropolitan Philharmonic Orchestra with, The Music Center at Strathmore, Bethesda, Maryland, 13 December, 2008.

The Washington Metropolitan Philharmonic Orchestra, Schlesinger Concert Hall, Alexandria, Virginia, 20 April, 2008.

The Catholic University of America Symphony Orchestra, The John F. Kennedy Center for the Performing Arts, Washington, D.C., 15 November, 2003.

The Trinity Chamber Orchestra, Trinity Theatre, Washington, D.C., 12 July, 2003.

José Antonio Almeida Prado and the Luis Garay Ensemble, Ward Recital Hall, The Catholic University of America, Washington, D.C., 7 February, 2002.

Luis Garay Ensemble, Hilton, McLean, Virginia, 3 April, 2001.

## **PROFESSIONAL ACTIVITIES**

### **Adjudication**

2014-2015 Baltimore Symphony Orchestra and AACPS Side-By-Side Orchestra (Percussion)

2008-2013 AACPS Middle School All-County Band (Percussion)

2008-2011 Maryland Senior All-State Band and Orchestra (Percussion)  
Maryland Junior All-State Band and Orchestra (Percussion)

2004-2006 PGCPs Senior All-County Band and Orchestra (Percussion)  
PGCPs Junior All-County Band and Orchestra (Percussion)

### **Community Outreach**

2009-2014 *Civil Ambassador*, World Artists Experiences, Arnold, Maryland

### **Educational Travel**

*Discovery Student Adventures, Student Trips by Discovery Education*  
Costa Rica 13-20 July, 2011  
Facilitated student travel opportunity exploring the cultural expression of Costa Rican peoples including an immersion visit to the BriBri people of Limon via dugout canoe on the Rio Sixaola. Distributed educational materials to rural schools.

Costa Rica. 17-21 February, 2011  
Completed professional development for international educational travel.

### **Professional Memberships and Affiliations**

American Society of Composers, Authors, and Publishers



Computer Science Teachers Association  
D'Addario Education Collective  
Sabian Education Network

## **SKILLS**

### **Human Languages**

Spanish, basic speaking and reading knowledge.

### **Instruments**

Facility with wind, string and percussion performance, repair and maintenance

### **Technology**

#### *Computing Languages*

C

C++

CSS

HTML

Java

JavaScript

Max

Python

Sonic Pi

#### *Hardware (Digital Computing)*

Computer Assembly

Embedded Systems

IoT

Networking (WAN, LAN/WLAN, CIPA content control/security & safety)

Prototyping

#### *Hardware (Synthesis)*

Buchla Modular Format

Eurorack Modular Format

MIDI

MU/Moog Modular Format

#### *Software*

Ableton Live

Apple iCloud

Apple iOS

Apple macOS

Avid Pro Tools

Bitwig

Blackboard

Canvas

Google G Suite + Classroom

IBM SPSS

Linux (GNOME, KDE, Unity)

Microsoft Office (Excel, Outlook, Powerpoint, Publisher, Word)

Microsoft Windows

Native Instruments Reaktor

ReasonStudios Reason

VCV Rack

WordPress

#### *Theoretical*

Additive Synthesis

Algorithmic Composition  
Sound design  
Subtractive Synthesis