

## Jonathan Watson Stuart-Moore

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919-636-9576

### GENERAL

#### EDUCATION

- 2009-2011 M.M. in Music Composition  
University of North Carolina at Greensboro  
Advisors: Mark Engebretson and Alejandro Rutty
- 2001-2005 B.A. *Summa cum Laude* in Music (Highest Honors) and Computer  
Science (Honors)  
Middlebury College, Middlebury, VT  
Advisors: Su Lian Tan (Music) and Daniel Scharstein  
(Computer Science)

#### ACADEMIC AWARDS

- 2005 Phi Beta Kappa  
2000 Latin Honor Society  
1999 National Honor Society

#### EMPLOYMENT

- 2012-2013 Technology Coordinator, Videographer, and Organic Gardener  
Cheyenne River Youth Project  
Eagle Butte, Cheyenne River Indian Reservation, SD  
<http://www.lakotayouth.org/>
- 2009-2010 Graduate Assistant to the Composition Studio, UNC-Greensboro  
2005-2009 Instructor, Mentor, Programmer, and Graphic Designer  
Shodor, Durham, NC  
<http://www.shodor.org>
- 2004-2005 Computer Science Lab Tutor, Middlebury College  
1999-ongoing Technology Consultant and Webmaster for *Neurons in Action*  
Published by Sinauer Associates, Inc., Sunderland, MA  
<http://www.neuronsinaction.com>
- 1998-ongoing Freelance web developer, designer, and media consultant  
<http://www.jstuartmoore.com>

#### VOLUNTEER & PRO BONO WORK

- 2007-ongoing Webmaster and Technology Consultant, Chapel Hill Philharmonia  
1998-2001 Programming and Graphics Intern, Shodor (weekly)  
1997-ongoing Layout Editor and Webmaster, Glass Music International and  
Glass Music World Newsletter  
<http://glassmusicintl.org>

## **BOARD MEMBERSHIP**

2009-2010 Board Member, Duke School, Durham, NC  
2008-2011 Board Member, Chapel Hill Philharmonia

## **MUSIC**

### **COMPOSITIONS**

2011 *There Was No Question*, 2 laptops and mixed ensemble, 20'  
Graduate Thesis in Music, UNC-Greensboro

2011 *Future Hybrid Cities*, mixed ensemble, 20'

2010 *Fog at Nobska Point*, string quintet, 8'

2010 *Steel Stops*, wind ensemble, 3'

2010 *Dezi'm* (arrangement), chamber orchestra, 3'  
Performed at the Kennedy Center as part of *From the Barrio*  
*Concert Hall*, 2010

to the  
2009 *Sheridan Memories, Autumn*, cello and electronics, 4'  
Performed at Society of Composers, Inc. Region IV  
Conference, 2010 and UNCG Collage Concert, 2010

2005 *Incidental Music for Babbage's Dream*, orchestra, 20'  
Senior Thesis in Music, Middlebury College

2004 Film Score for *New Shoes for Lawrence*, string quartet  
Dir. Brian Siegele, 23'  
Recordings can be found at [jstuartmoore.com/composition/](http://jstuartmoore.com/composition/)

### **THESIS WORK**

2011 *Live Manipulation of Documentary Audio in a Narrative*  
*Electroacoustic Concert Piece*  
I discuss the history of documentary music/theatre and a new way of integrating documentary audio into a live performance using Wii remotes for triggering and manipulation.

### **WORKSHOPS**

2012 Workshop in Algorithmic Computer Music with David Cope  
University of California at Santa Cruz

### **GRADUATE ASSISTANT WORK**

#### **UNC-Greensboro, Greensboro, NC**

##### *Teaching*

2011 Instructor, MUS203 Instrumentation  
2010 Instructor, MUS115 Introduction to Composition  
2009-2010 Graduate Assistant, MUS350/550 Electronic Music and  
MUS332, MUS333 Music History

## **Organizational**

2010 Assistant Director, Society of Composers Region IV Conference

## **Technical**

2011 Developed MaxMSP libraries for the Greensboro Laptop Orchestra  
2010-2011 Ran live sound for UNCG Jazz Band/Jazz Ensemble concerts  
2009-2010 Ran tech for department concerts, recitals of student composers  
2009-2010 Assisted with UNCG New Music Festival tech

## **VIOLONCELLO**

1990-2009 Lessons with Dieuwke Davydov (Vermont Symphony),  
Suzanne Polk (University of Vermont), Jonathan Kramer (NC  
State University), Leonid Zilper (NC Symphony), and  
Elizabeth Austin

2009-2011 Contemporary Chamber Players of UNC-Greensboro  
2009 Mallarmé Adult Chamber Music Seminar (Kodály Op. 7)  
2008-2011 Jewel Ensemble (Dohnanyi Op. 10; Brahms Op. 26)  
2007-2009 Tchaikovsky Virtuosi of the Triangle Youth Ballet (ballet orchestra)  
2007-2008 3 + 1 Ensemble / Confidential Shredding (classical and Metallica)  
2005-2009 Chapel Hill Philharmonia  
2004 College Light Opera Company Orchestra, Falmouth, MA  
(9 musicals)

2004 Senior Recital, Middlebury College (Brahms Op. 99, Bruch Op. 47,  
De Fesch, Op. 8/3)

2003 University of North Carolina International Chamber Music Course,  
Morges, Switzerland

2003,2007,2008 Chapel Hill Chamber Music Workshop  
2003 Chamber Orchestra for *Monteverdi, L'incoronazione di Poppea*,  
Middlebury College

2002 Summer Chamber Music Institute, North Carolina School of the Arts  
2002-2005 Chamber Music Groups and Courses, Middlebury College (Barber  
Op. 11; Ravel Quartet in F; Tchaikovsky Op. 11; Vaughn-  
Williams Phantasy Quintet; Dvorak Op. 81; Shostakovich  
Op. 4; Beethoven Op. 95; Shostakovich Op. 67;  
Brahms Op. 115)

2001-2005 Middlebury College Orchestra, *principal, 2002-2005*  
2001-2004 Two cello students  
2001 Senior Recital, Duke University String School (Bruch Op. 47)  
1999 White House Orchestra of the Duke University String School  
1999 Solo Duo with Duke University String School Orchestra  
(Kouneva, "When the Dreams Come True")

1997-2001 Duke University String School Orchestra, *second chair*  
1997-2001 Chamber Groups at the Duke University String School

## **OTHER LESSONS**

- 2003-2009 Piano — Karen Allred (Meredith College, NC), Cynthia Huard (Middlebury College, VT)  
2009-2011 Conducting — Robert Gutter (UNC-Greensboro)

## **VOCAL PERFORMANCE**

- 1997-2001 East Ensemble, East Chapel Hill High School (by audition)  
1997 North Carolina Junior High Honors Chorus  
1993-1996 North Carolina Boys Choir (including two summer concert tours)  
1993-1996 Boy soprano roles in *The King and I* (David Weiler conductor; F. Paul Driscoll, director), *Oliver!* (as *Oliver Twist*; Elizabeth Hastings conductor, F. Paul Driscoll, director), *South Pacific* (Eric Whitacre conductor, Edward Clinton, director), and *110 in the Shade* (Elizabeth Hastings conductor, Don and Peggy Atkinson, directors)  
The College Light Opera Company, Falmouth, MA

## **GLASS HARP PERFORMANCE**

- 2000 The Franklin Institute, Glass Music International Festival, Philadelphia  
1998 Duke University Chapel morning worship, Christmas Sunday  
1998 Appeared on PBS “Scientific American Frontiers with Alan Alda,” playing musical glasses on a segment about the history of glass music  
1997 Glass Music International Festival, Boston  
1997 Meals on Wheels Benefit Concert with the Ciompi Quartet, Durham  
1994-1998 Museum of Life and Science, Durham (annual)

## **COMPUTING & DIGITAL MEDIA**

### **TEACHING AND MENTORING**

#### **Cheyenne River Youth Project, Eagle Butte, SD**

- 2013 Instructor, Game Programming and Video Production workshops

#### **Shodor, Durham, NC**

- 2005-2009 Programming and Design Mentor for daily college and high school interns developing interactive online education resources  
2005-2011 Lead Instructor, SUCCEED Summer Graphics Workshops  
Week-long workshops for middle/high schoolers  
2007-2008 Lead Instructor, Training for Success Graphics Program  
Daily after school workshops for at-risk youth in Durham, NC  
2006 Lead Instructor, Restoration Institute for Leaders Graphics Program  
Daily summer workshops for at-risk youth in Durham, NC

## **Middlebury College, Middlebury, VT**

2004-2005 Computer Lab Mentor providing weekly tutoring/QA sessions for students in introductory computer science courses

## **WEB DEVELOPMENT AND DESIGN**

### **Shodor, Durham, NC**

2005-2009 Technical Lead for the *Computational Science Education Reference Desk (CSERD)*, a pathway of the *National Science Digital Library*  
<http://cserd.nsd.org>

**In 2007, CSERD was an Official Honoree of the Webby**

### **Awards**

2007-2008 Technical Lead for Shodor's web application framework

2005-2008 Leader of Graphics Team (web & print graphics)

2005-2006 Interface Design and Interface Programming Lead for *Interactivate*  
<http://www.shodor.org/interactivate/>

**In 2007, *Interactivate* received an A+ review from *Education World* for both content and site design, and was an Official Honoree of the Webby Awards.**

## **THESIS WORK**

2005 Senior Thesis in Computer Science, Middlebury College:  
*Computer Transcription of Polyphonic Music: A Survey and Implementation*  
I research transcription algorithms for polyphonic music, surveying past approaches and presenting my own implementation based on neural networks.

## **TECHNICAL SKILLS**

Web Development & Design — CSS, Git, HTML5, MySQL, PHP5, Ruby on Rails  
Graphics & Design — Adobe Creative Suite (Photoshop, InDesign, Illustrator, Flash)  
Audio/Video Production — Cubase, Final Cut, live mixing, Logic, Max/MSP, ProTools  
Music Engraving — Sibelius  
Motion Graphics and 3D — AfterEffects, Blender, Infini-D, Motion  
Programming — Java, Javascript, Lisp, Objective-C, OpenGL, Perl, Processing  
Systems Administration — Apache, Linux, Mac OS X/UNIX, Windows

## **AWARDS**

2001 Honorable Mention, The Communicator Awards  
for *Promotional Movie for "Neurons in Action"*

2001 Honorable Mention, National Videographer Awards  
for *Movie Trailer for "Hamlet"*

2000 First Prize (tied), NC Junior Classical League, for *The Forum of Augustus*

- 2000 Award of Distinction, National Videographer Awards  
for *Ad for Aquarius Digital Arts*
- 1999 Award of Distinction, National Videographer Awards, for *Cells in White*

## **PUBLICATIONS**

### **Papers**

Tanase, D., Joiner, D., and Stuart-Moore, J. (2006) Computational Science Educational Reference Desk: A Digital Library for Students, Educators, and Scientists.

D-Lib Magazine 12 (9) <<http://dlib.org/dlib/september06/tanase/09tanase.html>>

Tanase, D., Bruce, M., Stuart-Moore, J., Joiner, D. (2006) Scaffolding the infrastructure of the computational science digital library. In JCDL '06: Proceedings of the 6th ACM/IEEE-CS Joint Conference on Digital Libraries, Chapel Hill, NC.

### **Posters**

Stuart-Moore, J., Evans, M., and Jacobs, P. (2006). Interface design for browsing faceted metadata. In JCDL '06: Proceedings of the 6th ACM/IEEE-CS Joint Conference on Digital Libraries, Chapel Hill, NC.

Schmalbeck, L., Stuart-Moore, J., and Evans, M. (2006). Adapting peer verification, validation and accreditation processes for digital libraries. In JCDL '06: Proceedings of the 6th ACM/IEEE-CS Joint Conference on Digital libraries, Chapel Hill, NC.