

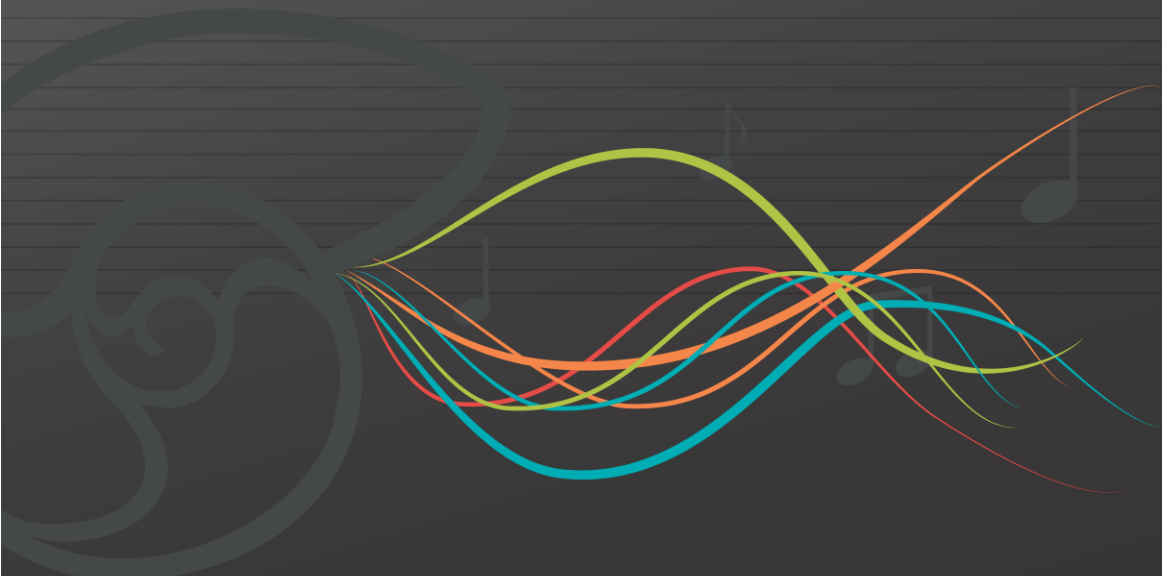
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Interdisciplinary Society for Quantitative Research in Music and Medicine

2013 Conference
July 26-27, 2013
University of Georgia,
Athens, GA, USA.



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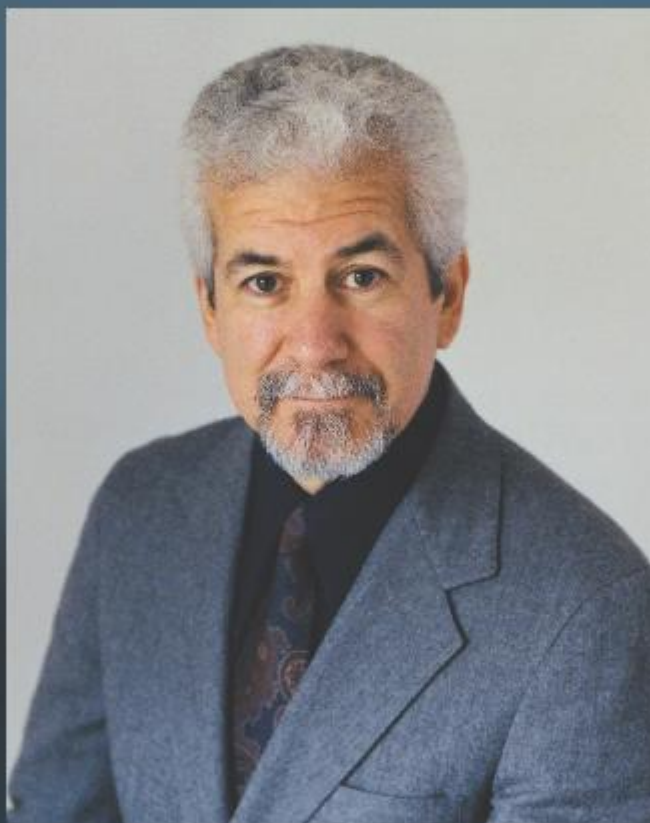
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Interdisciplinary Society for Quantitative Research in Music and Medicine



2nd Biannual Conference

July 26, 27, 2013

University of Georgia, Athens, GA,
USA.

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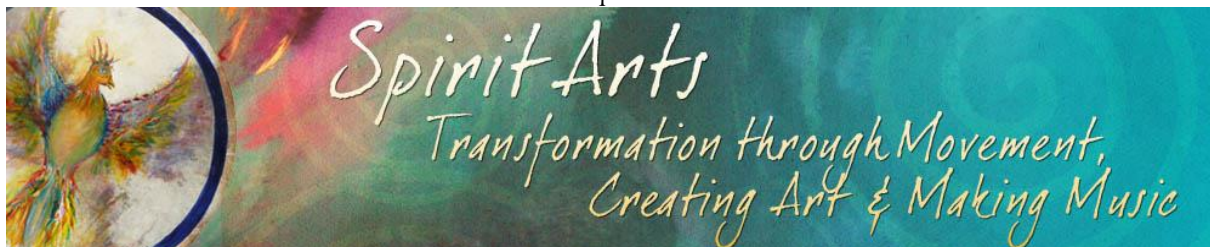
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July 26, 2013

Dear Conference Attendee:

On behalf of the Georgia Department of Public Health, I'd like to personally welcome each of you to our beautiful state and the Interdisciplinary Society for Quantitative Research in Music and Medicine 2013 conference.

The world of music and movement and how it relates to health and wellness is an exciting area in which to work. Bringing people together in a forum like this will contribute valuable knowledge and new insights into this area of research. There are many documented cases where music and movement have had a significant effect on the general wellness of the human body. This fits into one of our state's key initiatives - Georgia SHAPE- and our goal to get people moving and physically active to combat obesity. I am certain that your research and scholarly contribution will go a long way in improving the general health of people everywhere, including Georgians.

I hope you will have some time for sight-seeing during your visit to Georgia. We are very proud of our state parks and recreation areas where you can take a leisurely walk, ride a bike, or hike up Stone Mountain. Atlanta is home to the beautiful Georgia Aquarium, Centennial Olympic Park and of course, this is Atlanta Braves country! You can get more information about things to see and do in Georgia, by logging on to www.exploregeorgia.org.

Enjoy the conference and thank you for all you do to contribute to the health and well being of all people.

Sincerely,

A handwritten signature in black ink that reads 'Brenda Fitzgerald, MD'.

Brenda Fitzgerald, M.D.
Commissioner, Georgia Department of Public Health
State Health Officer



We Protect Lives.

Keynote Speaker



Elena Mannes. Ms. Mannes is a multi-award-winning independent documentary director/writer/producer as well as an author. Her first book, *The Power of Music: Pioneering Discoveries in the New Science of Song*, is published by Walker Books/Bloomsbury USA (May 31, 2011). Her work has appeared on both public and commercial television. Her honors include six national Emmys, a George Foster Peabody Award, two Directors Guild of America Awards, and nine Cine Golden Eagles. Mannes developed and created a primetime PBS special, *The Music Instinct: Science and Song*, a co-production with WNET/Thirteen. She was also co-Executive Producer as well as Director/Writer/Producer of the two hour program which aired on PBS in June 2009. *The Music Instinct* explores recent discoveries about the power of music and its connection to the body, the brain and to the world of nature. This exciting cross-genre special features world-famous musicians including Bobby McFerrin, Maestro Daniel Barenboim, Yo-Yo Ma and Evelyn Glennie as well as visionary scientists. Her work *The Music Instinct* was recently honored with the Grand Prix for best film in competition at the Pariscience International Film Festival. Her other productions include the feature documentary film *Amazing Grace* with Bill Moyers (PBS) which won the Directors Guild Award as well as an Emmy for directing. For ABC, Mannes has produced a special with Diane Sawyer *The Amazing Animal Mind*, exploring the intelligence and emotions of dogs and other animals, as well as other ABC hours including *Ground Zero* with Peter Jennings which won an Emmy for best Historical Program. Mannes is a member of one of the first families of American music. Her grandparents founded the Mannes College of Music in New York City; and her great uncle, Walter Damrosch conducted the Metropolitan Opera and instigated the building of Carnegie Hall.

Interdisciplinary Society for Quantitative Research in Music and Medicine

Friday, July 26, 2013

8:00 AM – 8:50 AM	Registration / COFFEE / TEA		200 2 nd Floor Lobby
SESSION 1		9:00 AM – 10:50 AM	WORKSHOP
<i>Time</i>	<i>Presenter</i>	<i>Title & Moderator</i>	<i>Location</i>
9:00 AM – 10:50 AM	Alex Doman, Advanced Brain Technologies Sheila Allen, Pediatric Therapeutics, LLC., NJ Nacho Arimany, Advanced Brain Technologies	<i>Cross- Cultural Sound and Music: A Novel Rhythmic Approach for Improving Brain Function</i> Advance Brain Technologies – Workshop presentation Moderator: Dr. Eliane Leão, Federal University of Goiás, Brazil	Edge Recital Hall
SESSION 2		11:00 AM – 11:50 AM	
11:00 AM – 11:50 AM	Dr. Derrick Alan Crow Independent Scholar	<i>The Effect of Instrumental Rehearsal on Blood Glucose Levels of Five Low Brass Players</i> Moderator: Nae Jeong Suh, University of Georgia	308
	Karen Peterson, Independent Scholar, VA Dr. Elizabeth Fanning, University of Virginia, VA	<i>The Effects of Live, Bedside Music on Observed Patient Conditions</i> Moderator: Lynn Miller, Expressivetherapy.org	304
	Dr. Jennifer Bugos University of South Florida, FL	<i>The Effects of Marimba Ensemble on Self-Efficacy and Memory Performance in Older Adults</i> Moderator: Dr. Steven Cornelius, University of Massachusetts	308
12:00 PM – 12:50 PM	LUNCH ON YOUR OWN		
1:00 PM – 1:50 PM	Keynote Speaker <i>The Power of Music</i> Elena Mannes		Edge Recital Hall
SESSION 3		2:00 PM - 3:50 PM	WORKSHOPS
2:00 PM - 3:50 PM	Carla Rose Kelly Royal Conservatory of Canada Julia MacKinley, St. Josephs Health Care, Ontario, Canada	<i>The Sacred Scale for Healing</i> Moderator: Dr. Jennifer Bugos, University of South Florida	Presser Choral Room (3 rd Floor)
2:00 PM - 3:50 PM	Dr. Steven Cornelius University of Massachusetts, Boston, MA	<i>Performing African Music and Dance</i> Moderator: Dr. Steve Jackowicz, Adelphi University	Band Hall 116
2:00 PM - 3:50 PM	Dr. Eric B. Miller Montclair University, NJ ISQRMM Executive Board, MS	<i>Bio-Guided Music Therapy: Integrating music & real-time physiological data in treatment</i> Moderator: Dr. Alison Balbag, University of Southern California	304

4:00 PM – 5:00 PM	<i>Music Performance</i> <i>Brazilian Ensemble</i> Joana Christina, Carlos H. Costa UGA Capoeira Club	Edge Recital Hall (3 rd Floor)
5:00 PM – 7:20 PM	Dinner <u>ON YOUR OWN</u>	
7:30 PM – 8:30 PM	<i>Music Performance</i> <i>Spiritgrass</i>	Edge Recital Hall (3 rd Floor)

Interdisciplinary Society for Quantitative Research in Music and Medicine

Saturday, July 27, 2013

<i>Time</i>	<i>Presenter</i>	<i>Title & Moderator</i>	<i>Location</i>
7:30 AM – 8:50 AM	Registration		
<u>SESSION 1</u>		9:00 AM – 9:50 AM	
	Anna Thorne, University of Georgia Dr. Lisa M., University of Georgia Renzi, Scott Smith, University of Georgia Billy R. Hammond, Jr. University of Georgia Dr. Pete Jutras University of Georgia	<i>The influence of piano training on neural and cognitive functioning in older adults</i> Moderator: Amy R Painter, Children's Healthcare of Atlanta	308
	Dr. Steven Cornelius University of Massachusetts Boston. MA	<i>Music and Health: A Phenomenological Approach</i> Moderator: Dr. Eliane Leão, Federal University of Goiás, Brazil	304
	Dr. Clint Goss & Dr. Eric B. Miller Montclair University, NJ ISQRM Executive Board, MS	<i>Physiological Effects of the Native American Flute</i> Moderator: Aitak Ajangzad, Columbia University, NY	210
<u>SESSION 2</u>		10:00 AM – 10:50 AM	
10:00 AM – 10:50 AM	Dr. Emma R. Suárez, Syracuse University, NY Marianyelí Aponte Ramírez, Banda Municipal de Humacao, Puerto Rico	<i>Asperger Syndrome within Music Education in Puerto Rico</i> Moderator: Dr. David Akombo, Jackson State University, MS	210
	Kent Nelson, DMA (ABD) Weber State University, UT	<i>Successful Strategies of Individuals with Dyslexia in the Field of Music: A Comparative Case Study</i> Moderator: Dr. Arthur Harvey, University of Hawaii	308
	Thaís Vieira do Nascimento Conservatory of Music of Ituiutaba MG – Brazil Dr. Eliane Leão. Federal University of Goiás Brazil	<i>Understanding students with especial needs in a musical experience – A Research-Action with procedures that took place in the Workshop Space – Therapeutic and Educational Space in Uberlândia – MG-Brazil.</i> Moderator: Dr. Kristin Mozeiko, Queens College, NY	304

11:00 AM–11:50 AM	POSTER SESSION		11:00 AM – 11:50 AM	Band Hall 116
12:00 PM – 12:50 PM		LUNCH ON YOUR OWN		
1:00 PM – 1:50 PM	Music performance <i>The UGA Master Chorale</i>			Band Hall 116
SESSION 3		2:00 PM - 2:50 PM		
2:00 PM - 2:50 PM	Dr. Arthur Harvey, University of Hawaii-KCC, Music For Health Services	<i>Understanding the Science of Music as an Rx for Stress</i> Moderator: Anna Thorne, University of Georgia		210
	Amy R Painter MSN, FNP-C Children’s Healthcare of Atlanta, GA	<i>A Review of Current Research of Music and Movement in Pediatrics</i> Moderator: Carla Rose Kelly, Royal Conservatory of Canada		412
	Lynn Miller Expressivetherapy.org	<i>SpiritArts, Music Improvisation and Spirituality Bringing Soul in the Hospital setting</i> Moderator: Dr. Edward R. McClellan, Loyola University, LA		308
SESSION 4		3:00 PM – 3:50 PM		
3:00 PM – 3:50 PM	Dr. Kristin Mozeiko Queens College Flushing, NY 11367	<i>The Effects Of Participation In The Alexander Technique On Female Violinists And Violists: A Mixed Methods Study</i> Moderator: Dr. Roy Kennedy, University of Georgia		304
	Nae Jeong Suh, University of Georgia, GA Dr. Roy Kennedy, University of Georgia, GA Amanda Scott, University of Georgia, GA	<i>The Effects of Music on the Quality of Life of the Well Elderly</i> Moderator: Sheila Allen, Pediatric Therapeutics, New Jersey		304
	Dr. Alison Balbag University of Southern California, CA	<i>Music As A Protective Factor Against Dementia And Cognitive Impairment: A Twin Study</i> Moderator: Alex Doman, Advanced Brain Technologies		304
SESSION 5		4:00 PM – 4:50 PM		
4:00 PM – 4:50 PM	Dr. Steve Jackowicz Adelphi University, NY	<i>The Sound and the Fury: An Historical Analysis of Sound and Music in Traditional Chinese Medical Culture</i> Moderator: Dr. Derrick Alan Crow, Independent Scholar		308
	Dr. David Akombo Jackson State University, MS ISQRMM Executive Board, MS	<i>Music, Mind and Brain: A systematic review of Literature on Psychomusicology</i> Moderator: Julia MacKinley, St. Josephs Health Care, Ontario, Canada		304
5:00 PM – 5:30 PM	CLOSING REMARKS			

ISQRMM Poster Presentations Room 408

Topic	Presenter(s)
<i>Physiological Effects of the Native American Flute</i>	Dr. Clint Goss , Montclair University, NJ Dr. Eric B. Miller , Montclair University, NJ ISQRMM Executive Board, MS
<i>Effects of Jazz Music Improvisation on Anxiety and Academic Performance in Adolescents</i>	Roger Harris & Dr. David Akombo , Jackson State University, MS
<i>Music as means to foster young bilingual children's healthy growth and development</i>	Aitak Ajangzad Teachers College, Columbia University, NY
<i>The effects of group music making on salivary cortisol, secretory immunoglobulin-A, and positive affect</i>	Dr. Christine Carucci Eastern Kentucky University, KY
<i>Are Emotions Elicited by Music Different from Real Emotions?</i>	Dr. Edward R. McClellan Loyola University New Orleans, LA
<i>Successful strategies of individuals with dyslexia in the field of music: A comparative case study</i>	Kent Nelson, DMA (ABD) Weber State University, UT
<i>The Effects Of Participation In The Alexander Technique On Female Violinists And Violists: A Mixed Methods Study</i>	Dr. Kristin Mozeiko Queens College, NY

*2013 Music and Medicine Post-Conference Professional Training Workshop**Advanced Brain Technologies*

Sunday, July 28, 2013



Provider Course Agenda

9:00 — 10:15	The Listening Program Overview
10:15 — 10:30	Break
10:30 — 11:30	Sound and Function
11:30 — 12:15	Lunch
12:15 — 1:30	Acoustically Modified Music
1:30 — 1:45	Break
1:45 — 2:45	Program Options
2:45 — 3:45	Listening Coaching
3:45 — 4:00	Break
4:00 — 4:45	Listening Coaching
4:45 — 5:30	Next Steps

Symposium Presenters



Dr. Kristin Mozeiko teaches music education courses, the Alexander technique for musicians, and directs the Wind Ensemble at Queens College/Aaron Copland School of Music as a full-time lecturer. She is an AmSAT certified Alexander Technique teacher and is an associate faculty member at ATNYC, a school for Alexander technique training. Dr. Mozeiko holds degrees in music education (BA), French horn performance (MM) and music education (DMA). She has integrated the Alexander technique and music education/performance into her research, writing, and teaching. Dr. Mozeiko has given workshops and lectures to educators and students in New York, Massachusetts, and Vermont on healthy musicianship.



Dr. Arthur Harvey D.M.A. has a 50 year background in music education, church music and music for health care. He has been a music professor at several universities including the University of Hawaii from which he (*semi-*) retired in 2006 after a sixteen year affiliation. He continues to teach online courses for both UHM and KCC. His Music As Therapy online course, offered through KCC, is a strong draw for music students and nursing students. He is known world-wide for his work in both educational and therapeutic applications of music, having provided training in 24 countries, as well as through his publications, recordings, performances and research as a neuromusicologist. In addition Dr. Harvey created and teaches a special online course for New York Open Center's Sound and Music Institute Facilitator Training Program. Dr. Harvey continues to be active as a musician in Florida, where he retired, playing trombone in several bands, serving as organist at a church, and directing the Happy Notes chorus. He continues to travel and provide training programs and workshops in Hawaii and other states. In September 2010 he was honored by Sounding Joy Music Therapy Inc. for his pioneering work in Hawaii related to music therapy. He was featured as one of the Wellness Forum speakers for Four Seasons Resort Spa in Maui in Fall 2010.



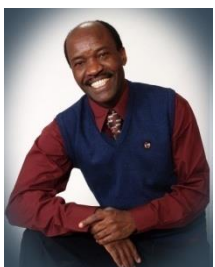
Dr. Steven Cornelius teaches music at University of Massachusetts Boston. Previous teaching positions include Boston University (Visiting Professor 2008-12), Bowling Green State University (Professor 1991-2008), Bruckner-Konservatorium Linz (adjunct faculty, 1992-97), Pine Manor College (Assistant Professor, 1989-91), and University of Wisconsin-Madison (Instructor, 1979, 1982, 1984-86), among others. Research focuses on music and mind, the African diaspora, the music industry, and American music. Books include *Music: A Social Experience* (co-authored with Mary Natvig) (Pearson 2011), *Music of the Civil War Era* (Greenwood Press, 2004), and *The Music of Santería: Traditional Rhythms of the Batá Drums* (co-authored with John Amira) (White Cliffs Media, 1991). Articles and reviews have appeared in *Latin American Music Review*, *Ethnomusicology*, *Twentieth-Century Music*, *College Music Symposium*, and other journals, as well as *The Garland Encyclopedia of World Music*. Dr. Cornelius served from 1996 to 2006 as music and dance critic for *The Blade*, Toledo, Ohio's daily newspaper. His blog can be found at: <http://musicandstroke.wordpress.com/>. Performance credits as a percussionist include Metropolitan Opera, New York City Opera, Opera Orchestra of New York, Radio City Music Hall, Oklahoma Symphony, and Taipei Symphony, among others. Ph.D., University of California, Los Angeles; M.M., Manhattan School of Music; B.M.Ed., University of Wisconsin-Madison.



Dr. Jennifer A. Bugos serves as an Assistant Professor of Music Education at the University of South Florida where she teaches undergraduate courses and graduate courses such as General Music Methods, Foundations and Principles of Music Education, Music Cognition, and Lifelong Learning in Music Education. Her research interests focus upon music perception and cognition with regard to human development, lifespan learning, and cognitive transfer.



Kent Nelson DMA(ABD), has served as an adjunct professor at Weber State University for over twelve years teaching private applied low brass, brass methods classes, and participating in numerous recitals and master classes. He also works as an instrumental music teacher at Olympus Junior High School, where he has been honored with the Granite School District Excel Award (2007), the Utah PTA Gingerbread House Festival Teacher of the Year Award (2006), and the Fulbright Memorial Fund (Japan, 2004). Kent is also conductor and music director for the Granite Junior Youth Symphony, an ensemble he has been associated with for over 25 years. In addition to his teaching duties, Kent is active in the Salt Lake music scene. He just concluded a 20 year tenure as principal trombone with the Utah Chamber Orchestra (Ballet West) and has performed in jazz, pop, and touring show groups throughout his career. Internationally, Kent has performed in Europe and China, serving as principal trombone for the Classical Music Festival (2001-2007) in Eisenstadt, Austria. Currently, Kent is pursuing his doctorate in music education from Boston University (ABD) where his dissertation topic is on music and dyslexia. He has presented issue at the first conference of the Interdisciplinary Society for Quantitative Research in Music and Medicine (ISQRMM) (2011) at Weber State University in Ogden, Utah, and at Jackson State University, Jackson, Mississippi (2012). Kent was also on a panel discussion of alternative school music ensembles at the 7th International Symposium on the Sociology of Music Education (2011) at Michigan State University, East Lansing, Michigan. Kent holds a master's degree from the University of Cincinnati's College-Conservatory of Music in trombone performance and a bachelor's degree in music education from the University of Utah. Kent is a member of The National Association for Music Education (MENC), International Trombone Association (ITA), and the International Dyslexia Association. Kent resides in North Salt Lake with his wife, Denise, who is also an active trombone player.



Dr. David O. Akombo is Assistant professor, Director of Music Education and Coordinator of Graduate Studies at Jackson State University. Before joining Jackson State University, Dr. Akombo was a Diversity Fellow at Weber State University in Utah. Intrigued by the peculiarities of music including the interdisciplinary studies of music in medical and psychological practices, Dr. Akombo has studied and researched the effects of music on children and young adults both in schools and in hospitals. As scholar and performer, Dr. Akombo balances his research interests amicably as a music educator, ethnomusicologist, composer and singer/drummer, having worked in Africa and Southeast Asia where he studied with Balinese artists. His books, *Music and Healing Across Cultures* (Ames, Iowa: Culicidae Press, 2006) and *Music and Medicine: Connections Found* (Seaburn, 2009) unfold the mechanics of the relationships between music, culture, physiological and spiritual states in people from the anthropological and epistemological inquiry regarding music healing and the cosmos. These books show the power of music and its ability to promote mind/body coordination. Dr. Akombo has worked jointly with the University of Florida's Center for Arts in Healthcare Research and Education (CAHRE) with which he collaborated to help establish the Arts in Medicine (AIM) program in Nairobi, Kenya. Located at Mater Hospital and funded by the State of Florida Center for Cultural Affairs in Tallahassee, this is the first known Arts in Medicine program to be established in Africa. Dr. Akombo continues to be active in music education research, world music, interdisciplinary scholarship in music and he has spoken and conducted clinics in several countries. He is a member of the Music Educators National Conference, the Utah Music Educators Association, Society for Ethnomusicology, and Society for the Arts in Healthcare. Dr. Akombo is a co-founder and a member of the Executive Board of the Interdisciplinary Society for Quantitative Research in Music and Medicine.



Lynn Miller MA is a Music therapist at Roxborough Hospital in Philadelphia where she conducts bedside music in Med/Psych and groups in the Gero Psych department. Lynn developed the Creative Arts Department which includes Music therapy, Art therapy, Dance therapy, Therapeutic Storytelling and Harp therapy. Lynn is on staff for Music for People and Flute Haven Native Flute School where she facilitates music improvisation skills. Lynn was an adjunct faculty member in Music therapy at Immaculata University. Lynn has conducted workshops and presentations in India, France, Italy and Switzerland. Lynn has written a book, *SpiritArts, Transformation through Improvisation*, which is a culmination of her experiences in Arts and Healing.



Dr. Clint Goss holds a Ph.D. in Computer Science from New York University, and currently serves as an expert witness in patent dispute and intellectual property cases. He also holds a commercial pilot license and a flight instructor certificate. Clint Goss, Ph.D. is a trained music facilitator and performer on world flutes and an array of ethnic fusion world instruments. Clint and his wife, Vera, have facilitated energetic and inspirational Native Flute workshops since 2003. They bring out the potential in all participants, regardless of their level of musical experience.

Clint holds a Ph.D. in Computer Science from New York University, and is a trained music facilitator and performer on world flutes and an array of ethnic fusion world instruments. In 2006, Clint teamed up with bluegrass mandolinist/music therapy researcher Eric Miller and vocalist Lynn Miller to form the SpiritGrass ensemble and release the CD "SpiritGrass" on the Manifest Spirit Label.



Dr. Eric Miller, biofeedback therapist and board-certified music therapist is author of Bio-guided Music Therapy (2011) Jessica Kingsley Publishers. He serves as adjunct faculty at Immaculata University, Ott Lab for Music & Health Coordinator at Montclair University, and has lectured at the Naropa Institute and Bryn Mawr College among other institutions. Recent international presentations include sessions at the World Music Therapy Congress in Seoul, S. Korea, Hsien Chuan University in Tapei, Taiwan, and workshops in Kiental, Switzerland,

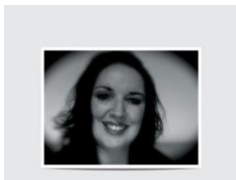
Cogolin, France and Torino, Italy. Dr. Miller serves as Executive Director of nonprofits Music for People, Expressive Therapy Concepts and founded the Biofeedback Network. Eric is actively involved with Music for People and has served as Executive Director since 1997. Eric is credited with development of the MfP Europe program, the community service initiative and on-site digital recording and CD operations. In his spare time, Eric chairs the Pennsylvania Badminton Association. He has reached the finals in the PA State Badminton Championships, has been nationally ranked in the United States as high as no. 12 in doubles, and coaches the Bryn Mawr College varsity Badminton team. Eric collaborated with Grammy winning cellist, David Darling on his first instrumental CD, Jazzgrass.



Amy R. Painter, is a board certified Family Nurse Practitioner. She is the Pediatric Aerodigestive Coordinator for Children's Healthcare of Atlanta and holds an adjunct faculty position at the Medical University of South Carolina's (MUSC) College of Nursing. Amy earned her master's degrees as a Family Nurse Practitioner and Nurse Educator from MUSC as well as completing one year of her PhD in Nursing. She also holds a BS in Nursing from the University of Central Florida and a BS in Family, Youth, and Community Science from the University of Florida (UF). Amy's interest in the integration of music and medicine stems from a life-long commitment to the arts. As a child she played piano, violin, and flute as well as danced in several professional performances. Throughout college she served as a church vocalist and was one of the initial students in the Arts in Medicine Program at UF. She went on to co-found the Mizero Foundation, a non-profit whose mission is to build, bring, and to spread hope to Rwandese children through their music and dance traditions. She wants to focus her doctoral research on the effects of music on pediatric patients in a qualitative and quantitative fashion.



Scott H. Smith. Scott H. Smith is currently an undergraduate student at the University of Georgia studying Biological Engineering. For the past year and a half he has worked as a research assistant under the guidance of Dr. Lisa Renzi and Dr. Billy R. Hammond studying dietetic, and behavior choices affect on neuroplasticity and memory. Smith's current research is delving into how learning to play an instrument at an old age might prevent the onset of Alzheimer's disease and other age-related cognitive impairments. His future post-graduate interests lie in the promotion and progression of neuroscience through bio-medical engineering.



Carla Rose Kelly is a life-long musician, award-winning pianist, composer, music teacher and creator of an early childhood music education program called L'il Musicians Club. She has been affiliated with the Royal Conservatory of Canada as a piano and theory teacher for 25 years, and as a vocalist with Conservatory Canada for the past 10 years. Carla Rose became a member of the International Association of Music & Medicine in 2011, at which time she began a Health Canada approved study on the Healing Effects of the Sacred Scale. Carla Rose has been a Master Healer with Music, specializing in the Sacred Scale for the past 10 years, helping people heal everything from serious medical conditions like cancer, IBS and arthritis, to depression, anxiety, pain to spiritual imbalances with great success. Realizing the powerful effects music has on our physical, emotional, mental and spiritual well being, Carla Rose is devoted to teaching the Sacred Scale, and conducts international retreats to do the same.



Julia MacKinley is a psychometrist and research assistant at St. Josephs Health Care in London, Ontario, as well as a research assistant for Carla Rose Kelly, Master Healer with Music. Julia has a bachelors degree in psychology from the University of Western Ontario where she graduated with honours. After graduation, Julia focused on research with individuals with posttraumatic stress disorder and how they process positive and negative information about themselves. Her current research focuses on the use of yoga, meditation and music as forms of healing for individuals with posttraumatic stress as well as depression, anxiety and pain. Other research interests include frontotemporal dementia and the genetic correlates of the disease. She has presented her research at the Canadian Psychological Association Conference as well as the University of Western Ontario research day and has been published as a co-author in the journal Mindfulness. She is currently a member of the Canadian Psychological Association and plans to pursue a masters degree in psychology.



Anna Thorne. Anna earned her Bachelor of Science degree in Psychology from the University of Georgia in 2011. She is now a second year graduate student in UGA's Behavioral and Brain Sciences Program. Her research interests center around the influence of lifestyle factors in promoting healthy aging. Her recent work focuses on the potential effects of musical training on neuroplasticity and cognitive functioning in older adults. In an effort to approach these research problems from multiple angles, Anna is gaining expertise in a wide range of methodologies, including psychophysics, behavioral techniques, and neurological methods such as electroencephalography. She has also established collaborations with UGA School of Music faculty to better answer questions concerning the effects of music on aging.



Ellen Meadows. Ellen Meadows is a junior at the University of Georgia currently working on completing a Bachelor's of Music Therapy. Her hometown is Sandy Springs, GA. She has over fifteen years of piano instruction, four years in classical vocal training and studies under Dr. Richard Zimdars at the HHSOM for piano concentration. Ms. Meadows has a strong background of teaching individuals of all ages how to play the piano in various styles and levels of proficiency. Her work in music therapy has included clinicals with children with autism, Athens Advantage Behavioral Health, adults with IDD (Intellectual Development Disabilities) and Camp Cocoon, a camp designed to help children process loss of family and friends. Her personal commitment to sharing music with the community extends into her working experiences as Music/Choir Director of Our Hope Metropolitan Community Church as well as the leading cantor and pianist at the UGA Catholic Center for Saturday services.



Wendy Dongwon Shon. Wendy graduated with The University of Georgia with her BA in Psychology, Cognitive Science and Philosophy. She is currently working at UGA in the Vision and Human Biofactors Laboratory as a clinical coordinator, researching brain nutrition and

neuroplasticity. She hopes to pursue a career Pediatric Neurosurgery in the near future and hopes to fully take in all the wonderful opportunities that life has to offer.



Jenna Livsey. Jenna Livsey, a New Jersey native, attends the University of Georgia where she studies music therapy. Her primary instrument is voice, which she studies under Dr. Stephanie Tingle. Jenna has been studying music since the second grade when she began piano lessons. Singing has always been her passion, and she has performed in numerous choirs and occasionally at open mics. In the future, Jenna plans to receive her doctorate in music psychotherapy and work with numerous different populations as a music therapist, as well as continue performing. Jenna strongly believes that music is a universal form of communication that can reach any type of person in a special and healing way.



Peter Jutras, Ph.D., NCTM. Peter Jutras, Ph.D., NCTM, is an Associate Professor of Piano and the Piano Pedagogy and Group Piano Specialist at the Hugh Hodgson School of Music at the University of Georgia. He is the Editor-in-Chief of *Clavier Companion* magazine, a leading national piano pedagogy publication. Jutras also served as Editor-in-Chief of *Keyboard Companion* from 2007-2008. Jutras has published articles in *The Journal of Research in Music Education*, *The Bulletin of the Council for Research in Music Education*, *Scientia Paedagogica Experimentalis*, *American Music Teacher*, *Clavier Companion*, *Keyboard Companion*, *Music Matters*, and *Georgia Music News*. Dr. Jutras is a frequent presenter at conferences across the country and around the world, and recent presentations include the ISME World Conference and national conferences of CMS, MENC, AERA, and MTNA. He has conducted extensive research on adult music study, specifically on the benefits of adult piano study and the benefits of participation in New Horizons Bands.



Roy Kennedy, Ph.D. Roy Kennedy is the director of the music therapy program at the University of Georgia. He teaches courses in music therapy and research, and supervises clinical experiences in hospital and school settings. His current research is focused on using music to teach "English as a Second Language" to students of Hispanic ethnicity. Other research interests include the use of guitar in therapy sessions with juvenile delinquents and disadvantaged children, and using music therapy with adults who suffer from substance abuse. Kennedy holds a Ph.D. in music education with an emphasis in music therapy from the University of Kansas, a master's degree in music education from East Carolina University, and a bachelor's degree in music from the University of North Carolina at Greensboro.



Lisa Renzi, Ph.D. Dr. Lisa Renzi earned her B.S., M.S. and doctorate degrees in neuroscience from the University of Georgia. While at UGA, Dr. Renzi studied the ways in which implementing behavioral changes influenced neural growth and cognitive development, as well as risk for acquired neurological diseases. Dr. Renzi completed her postdoctoral fellowship at the University of Texas at Austin in three disciplines: perceptual systems, neuroscience, and nutrition sciences. Dr. Renzi also served as a visiting scientist at the Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University. Following her graduate and post-graduate training, Dr. Renzi returned to UGA as a Clinical Assistant Professor, where she founded the Human Biofactors Laboratory and published numerous peer-reviewed articles and book chapters on the topic of carotenoids and visual and neurological function. Currently, Dr. Renzi maintains an affiliation with the University of Georgia while serving as a Medical Science Liaison for Abbott Nutrition.



Born and raised in Ponce, Puerto Rico, **Marianyelí Aponte Ramírez** received her master's and bachelor's degree of music in music education from the Conservatory of Music of Puerto Rico. She teaches theory, solfège, and flute in the Banda Municipal de Humacao, where she also performs as a vocalist. Furthermore, she is a chorister in the ministry of Centro Cristiano de Avivamiento Maranatha in Humacao. Ms. Aponte Ramirez has taught guitar privately with an interest in

special education.



Billy R. Hammond, Ph.D. Billy R. Hammond is the Graduate Coordinator of the University of Georgia Psychology Department as well as a professor in the Behavioral and Brain Sciences program. He received his Bachelor of Science in Biology/Anthropology/Psychology at the University of Oregon. His doctoral degree was in Sensory and Neural Sciences at the University of New Hampshire and he completed a post-doctoral fellowship at Schepens Eye Research Institute and Harvard Medical School. He was a Professor at Arizona State University for several years before coming to the University of Georgia in 1999. As the Principal Investigator of the Vision Sciences Laboratory at UGA, his research focuses on behavioral and dietary antecedents of degenerative diseases of the eye and brain. He is also interested in visual and neural development, psychophysical assessment, and neuroimaging.



Dr. Edward McClellan is Assistant Professor of Music Education at Loyola University New Orleans. He received his Bachelor of Science in Music Education and Master of Music Education degrees from Duquesne University, and PhD in Music Education from the University of North Carolina at Greensboro. Dr. McClellan has thirty years of experience from the elementary to graduate levels. Dr. McClellan is a member of the Advisory Committee for the *Music Educators Journal*, Chair-Elect of the *Social Sciences Special Research Interest Group (SRIG)* of the *National Association for Music Education*, *Louisiana State Collegiate Chair* of the *National Association for Music Education*, and *Louisiana State Chair* of the *Society of Music Teacher Education*. Dr. McClellan has published research and manuscript submissions in the *Bulletin of the Council for Research in Music Education*, *Contributions to Music Education*, *Journal of Research in Music Education*, *Music Educators Journal*, *Pennsylvania Music Educators Association Journal*, and *The Instrumentalist*.



Christine Carucci is Assistant Professor of Music at Eastern Kentucky University where she serves as music education faculty and the applied bassoon instructor. She holds degrees from the Eastman School of Music, the University of Southern California, and the University of Kentucky, and has received certifications in Orff-Schulwerk, Kodaly, and Cognitive Coaching. Prior to her appointment at ECU, Christine held positions at St. Cloud State University, University of Minnesota-Morris, and University of Rhode Island. She has presented and performed at several international and national conferences for music and music education.



Dr. Alison Balbag, DMA. Having earned a doctorate in harp performance from the USC Thornton School of Music, Alison Balbag is currently working on a second doctorate at the USC Davis School of Gerontology. Her Ph.D. research investigates music's influence on health and development at all ages across the lifespan. An award-winning harpist known for her engaging artistry and versatility, Alison Balbag has performed with Stevie Wonder, Itzhak Perlman, Burt Bacharach, Natalie Cole, Nancy Wilson, Josh Groban, and Pink Martini. She has performed with such orchestras as the San Diego Symphony and Eugene Symphony, and has been a soloist with the California Chamber Orchestra and the USC Thornton Chamber Orchestra. Her film and television credits include PBS's *Great Performances*, FOX's *Glee*, and ABC's hit series *Modern Family*.



Eliane Leão is a Professor at EMAC – Federal University of Goiás – Brazil.

Born in Brazil, Prof. Leão graduated in Voice from Federal University of Goiás. She also holds a Music Teaching degree from Federal University of Goiás in addition to advanced Piano studies from Federal University of Goiás. Professor Leão holds a Master of Science in Education from Purdue University, IN. (1980) and Ph.D. in Education from UNICAMP - Universidade Estadual de Campinas. Her Post-doctoral is from Auburn University, AL./CNPq. Professor Leão has a wide

experience in Psychology of Music, teaching and researching on the following subjects: Research in Music, Music Education, Psychology of Music, New Paradigms in Education and Effects of Music, and Creative Methods of Teaching Music.



of Uberlândia, MG and recently Ituiutaba, MG.

Thaís Vieira is Conservatory of Music of Ituiutaba – MG – Brazil. Born in the city of Ituiutaba / MG, Brazil, Thaís Vieira do Nascimento began studying piano at the age of 9. Attended courses and Keyboard Piano Technicians at Conservatory of Music Ituiutaba, MG. A professional Pianist and Musical Educator, Thaís has experience in the area of Arts with an emphasis in Music. After graduating with the Bachelor of Music (Piano Instrument) Federal University of Uberlândia, MG, . Thaís went on to get a Master of Music degree from the Federal University of Goiás Specialist Neuropedagogia - at the Triangle University Center of Uberlândia, MG. Thaís has worked as a teacher and serves on the specifics Piano and Keyboard, Teaching Practice and music classes for Students with Special Needs. Thaís has also worked in the Conservatories of Music from the cities



American children in NYC, concentrating on cultural and lingual education of young children through music. Her work has been featured in the media, including the BBC Persian and the VOA.

Born in London, **Aitak Ajangzad** grew up in Tehran and now resides in New York City. Focusing on music and visual arts, she has specialized in the Piano and the Setar, and has collaborated with several musicians both in Tehran and New York. After finishing art school, Aitak pursued her studies in Tehran University's Academy of Fine Arts and received a BM. Since arrival to New York in 2005, she has completed two masters' degrees in music education at Teachers College, Columbia University; currently she is working on her doctoral dissertation in field of music and art education. She has focused her research on working with young bilingual children. Multiculturalism, creativity, and critical thinking are among the core philosophical approaches in her teaching practice. Aitak has designed and launched an innovative music program for Iranian-



Nae Jeong Suh (MMEd, Kyung Hee University) is a doctoral candidate in the department of Music Education and Music Therapy in the Hugh Hodgson School of Music, at The University of Georgia. Her research interests include "the effects of music on the quality of life." She is currently working on her dissertation, "The effects of choral singing and music therapy on the quality of life of the well elderly" under the direction of Dr. Roy Kennedy, the Director of Music Therapy, at The University of Georgia. Nae Jeong earned her Bachelor's Degree in violin performance and Master's Degree in Music education from the Kyung Hee University of Korea.



Dr. Derrick Alan Crow holds a Ph.D. in Education with a concentration in Arts Integration and Curricular Theory. He also holds a Bachelor's of Music Education from Eastern Illinois University and a Master's of Music from Southern Illinois University Carbondale. His research interests include music medicine, aesthetic education, and arts integration. Through research and pragmatic experiences, he is striving to create educational growth that encourages creative and intellectual exploration. He has had the privilege to work as a music educator at the primary, secondary and collegiate levels, and has most recently worked as a student teacher supervisor for the Master's of Arts in Teaching Program, and as an adjunct lecturer at Southern Illinois University Carbondale. He is current practicing his skills as an educator and musician by maintaining a private studio of young musicians.



Dr. Elizabeth Fanning is a CMP intern, and began playing the folk harp more than three years ago. She works in research and cognition as it applies to multimedia, and completed her Ph.D. in Instructional Technologies at the University of Virginia, where she has taught digital literacy, game-based learning, and instructional design.



Karen Peterson, CMP, is on the Board of Directors for the Music for Healing and Transition Program™, which professionally trains and certifies musicians to provide live therapeutic music at the bedside to create a healing environment. Karen is a Certified Music Practitioner®* employed part-time at St. Barnabas Medical Center in Livingston, New Jersey, outside of New York City. She plays therapeutic harp music at the bedside for patients in all areas of the hospital, including ICU, CCU, oncology, pulmonary, cardiac, renal/transplant, and hospice. Karen has a degree in Scientific and Technical Communication from Bowling Green State University, where she also studied pedal harp. She plays the double-strung harp for her patients.



Dr. Steve Jackowicz began his study of East Asia as an undergraduate at Harvard University. He then studied traditional East Asian Medicine at the Korea Modern School of Acupuncture and the Hand and Foot Acupuncture Institute in Seoul. During that time he further apprenticed in traditional physical manipulation and therapeutic breathing techniques. He then pursued a Master's Degree at the New England School of Acupuncture. Dr. Jackowicz became fascinated with the divergence of Chinese, Japanese, Korean, and Vietnamese medicine and studied for a Ph.D. at Boston University examining the historical evolution of East Asian Medicine. His research has taken him to China and Japan. Dr. Jackowicz has taught at Tufts University, Boston University, New England School of Acupuncture, and Pacific College of Oriental Medicine. He has published on East Asian Medicine, Daoism, and history. He currently serves as faculty in the History Department of Adelphi University.



Alex Doman is founder and CEO of Advanced Brain Technologies, creators of The Listening Program®. He is also the bestselling co-author of *Healing at the Speed of Sound*®. The third generation of a family of pioneers in the field of child and human brain development, Alex has focused his career on sound, music, and technology, and their capacity to improve brain health and performance. He heads product development at Advanced Brain Technologies with credits including co-producer of *Music for Healing at the Speed of Sound*™, *Music for Babies*™, executive producer, creator, or collaborator on numerous other music albums, products, and technologies including; *Spatial Surround*®, *Sound Health*®, *Music for the Mind*™, *BrainBuilder*®, *The Listening Program*®, *Waves*™ multi-sensory bone conduction audio system, and the company's new internet audio streaming technology platform. Alex has been interviewed for; NBC, MSNBC, NPR Marketplace, Wall Street Journal, Self, Women's Health, Men's Health, CBS Moneywatch.com, LiveStrong.com, Health Radio with Dr. Mike Roizen, Dennis Prager, Pia Lindstrom Presents, Blog Talk Radio, An Organic Conversation, BrainPages.net, Hearing Health Magazine, among others. He was written for publications including SI Focus Magazine, Autism Asperger's Digest, and Autism Science Digest. Doman is the host of the monthly Sound Brain Fitness teleseminar series, and blogs at alexdoman.com, which is featured on Alltop Neuroscience. He lectures internationally and has trained thousands of allied health, education and music professionals in brain based applications of sound and music; and serves as an advisor to; Sanoson, NeuroPop, Aurora Schools, Autism Brain Storm, Autism Hope Alliance, and Concord Music Group. Alex also volunteers as treasurer and committee member for a community Boy Scouts of America troop. Alex lives with his family in Ogden, Utah.



Dr. Emma Rodríguez Suárez was born and raised in the Canary Islands, Spain. She holds a B.M. in M.Ed. and a M.M.Ed. from the Hartt School of Music, University of Hartford. She also holds a Ph.D. in M.Ed. from the University of Toronto. Dr. Rodríguez Suárez is a teacher trainer and holds a Level III Orff-Schulwerk Teacher Training certificate and a Kodály Certificate from the Kodály Musical Training Institute. She was awarded an Artist-Teacher Certificate by the Association for Choral Music Education and she also holds a Creating Artistry Conductors Workshop Level III certificate. Dr. Rodríguez Suárez is the author of *Canciones de mi Tierra Española: Islas Canarias/Songs of my Spanish Land: Canary Islands* and has published numerous articles and presented workshops both nationally and internationally. Dr. Rodríguez Suárez is an Assistant Professor of music education at

Syracuse University.



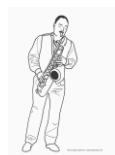
Sheila Allen is a licensed occupational therapist who specializes in sensory processing and is especially interested in the relationship between sound & movement and behavior. A longstanding appreciation of the value of sound and music in fostering change and supporting function is integral to her work. Sheila holds a BS in Occupational Therapy from Utica College of Syracuse University and a MA in Psychology from Teachers' College, Columbia University. She has been trained/certified in a variety of sound-based methodologies. Her ever-growing passion to better understand the elements of sound and recognize their role in daily living is key to her active clinical practice, teaching, consultation, product development and study. Co-founder and co-director of Pediatric Therapeutics, LLC, a children's therapy center located in Chatham, NJ, Sheila collaborates with schools, hospitals, and professionals of varied backgrounds in creating programs and models for intervention. One such collaboration has been with The Joy Of Sound, NYC, for the co-development of rhythm/tempo-based groups for children with sensory processing disorder and autism and a model for the use of live percussive sound to accompany clinical treatment. A member of the teaching faculty, product development team and scientific advisory board of Advanced Brain Technologies, Ogden Utah, Sheila also hosts a monthly teleseminar series for providers of The Listening Program. She is currently co-producing a new music-based listening program for Advanced Brain. Sheila serves on the advisory board of Vocal Images, NYC



Nacho Arimany is a master ethnic percussionist, multi-instrumentalist and composer whose music career began at age six as a classical piano student and singer with the Spanish National Choir and Orchestra and has evolved into a highly unique blend of talents and diversity of capabilities which he offers as a producer, performer, therapeutic musician and educator. Beyond his early classical training, Arimany has been immersed in study of traditional rhythms from around the world, specializing in North African and Flamenco rhythms, since his teens. He has a degree in Pedagogy and Philosophy from the Universidad Complutense de Madrid and a certificate from the New York Open Center Music Institute for completion of study of the principles of Healing with Sound and Music. He has toured globally and collaborated with artists from a myriad of musical traditions over the years. His instrumental and vocal style integrates World Music, Jazz, and the natural resonant properties of the instruments he chooses, leading him to a deep belief in the joy and transformative power of natural rhythms and sounds. Currently living in New York City, Arimany is composing/recording/co-producing a new music-based listening program for Advanced Brain Technologies of Ogden Utah. He also directs The Joy of Sound, a cross-cultural soundwork practice, and performs with his avant-garde World Jazz trio, the ArimaNY Trio. He has taught classes at conservatories and universities internationally, and is currently an instructor at the New York Open Center. Arimany has developed drumming programs for jailed women and juveniles in detention. He co-developed several rhythm/tempo-based groups for children with sensory processing disorder and autism, and brought live percussive sound to a clinical setting, Pediatric Therapeutics, in Chatham, NJ. In 2007 Arimany released his first album, *Silence-Light*, under Fresh Sound Records. www.nachoarimany.com, www.myspace.com/nachoarimany



Amanda Scott is a graduate of the music therapy program at The University of Georgia and currently works in private practice music therapy in the Athens area and with a music therapy program at Emory Hospital in Atlanta. Amanda has extensive experience in designing and implementing music therapy activities with the geriatric population and has contributed greatly to the design of this research project with the well elderly.



Roger Harris is currently a graduate student at Jackson State University studying Music Education. For the past year and a half he has worked as a research assistant under the guidance of Dr. David Akombo. Roger's current research is the effects of Jazz improvisation on the generalized anxieties and academic performance in

adolescents. Their study examines the psychological effects of jazz improvisation in adolescents and if there is a correlation between the anxieties and academic performance on standardized tests in math and reading.

Musical Performances



Dr. Carlos H. Costa, pianist and conductor, born in São José dos Campos, São Paulo, Brazil, Master in Piano by YSU, DMA in Piano with a minor in Orchestral Conducting by UGA under Dr. Zimdars. Carlos is professor at the Federal University of Goiás, Brazil (UFG), sub coordinator of the Master's Program and researcher in the area of Piano Performance and Group Piano Teaching. In 2012 published the book "Piano em Grupo: Livro Didático para o Ensino Superior" and coordinated the II International Meeting of Group Piano held in Goiânia, Brazil. Has been the president of the International Music Festival of the School of Music of UFG in 2010 and 2011.

Conducts the Academic Orchestra Jean Douliez of UFG. As a pianist has performed in Italy, USA e Brazil as a soloist and chamber musician collaborating with violinist Carmelo de los Santos, bassist Marcos Machado, pianist Ana Flavia Frazão, singer Joana Azevedo, clarinetist Ricardo Rocha, among others. Carlos always includes different styles of Brazilian music in his repertoire.



Joana Christina teaches at the School of Music and Scenic Arts (EMAC) of the Federal University of Goiás (UFG) where she is active in the areas of Conducting – Choir and Voice. Her work as a conductor has had both the EMAC/UFG School's Chamber Choir and the Undergraduate Choir as its main focus. Possesses a Master's degree by the same School where she developed the research Project "Scenic Choir: a study on the creative process" under direct guidance of Prof. Eliane Leão. Ph.D. Her bachelor's degree is in Piano by the Federal University of Goiás (UFG). Studied Conducting with the conductors Emílio De César, David Junker (Brazil), Gerald Kegelmann (Germany), and Carlyle Weiss (USA). As a singer, she has been under the orientation of Zuinglio Faustini, Honorina Barra and Marília Álvares. Between the years of 2001 and 2005, she has been active as Regional Counselor for

the Brazilian Association of Choir Conductors (ABRC); between 2003 and 2005, she acted as its Vice-president. In this time period, while President of the Local Committee for the ABRC, she organized the 2nd and 3rd ABRC National Conventions in the city of Goiânia. She has performed as a soloist with: the Symphonic Orchestra of Goiânia, the Goyazes Orchestra, the Basileu França Cultural Centre's Youth Orchestra, the Philharmonic Orchestra of Goiás, and the Orchestra for the EMAC/UFG's 37th Music Festival where the conductors were Lutero Rodrigues, Eliseu Ferreira, Marshall Gaiosio and Ângelo Dias. She also dedicates herself to chamber music. She has participated as a soloist in the recording of the following CD's: "Brazilian Sacra Music" with Norton Morozowsky; Estércio Marquez Cunha's "Christmas Singing", and "Guitar Movement" with guitarist Pedro Martelli. She has also served as conductor in the CD "*Lento Acalanto*" by Estércio Marquez Cunha, "Mass for Choir and Piano", by Juliano Lima Lucas and "TCE-GO Choir". She has assembled many concerts in the cities of Goiânia (GO), Rio de Janeiro (RJ), São Paulo (SP), Ribeirão Preto (SP), Araraquara (SP), Fortaleza (CE), Aracajú (SE), Campo Grande (MS), Pirenópolis and Cidade de Goiás (GO). Lately, she has developed chamber music projects with the pianists Lúcia Barrenechea and Carlos Costa. She was a conductor for the City Choir and UFG's Scenic Choir. Currently, she conducts the *Camerata in Fuga* group and the TCE – GO Choir



SpiritGrass is a fusion of progressive bluegrass styles with world music. It draws on Eric's ripping mandolin, mandola, guitar, and electric bass work combined with Clint's skill on an expansive array of instruments including African Tongue Drums, Udus, Kalimbas, Swiss Hangs, Indian Tamboura, and flutes from Native American, African, Hawaiian, Middle Eastern, and Eastern European cultures. In concert they are accompanied by Lynn Miller's jazz vocals and guitar. The feel ranges from melodic and meditative to upbeat and foot-stomping. More info at SpiritGrass.com



The Athens Master Chorale is a non-profit select 50+ member volunteer concert choir. Founded in January of 1989 by Joseph Napoli, the group performed its first concert on April 16th of that year. The inaugural concert included the Haydn *Lord Nelson Mass*, the Dello Joio *To Saint Cecilia* and several smaller works. The Master Chorale's repertoire is not limited to the major works, however; the group has also performed a diverse selection of shorter sacred and secular pieces, as well as folk songs and spirituals. The Master Chorale is active in the Athens music community, as well. Together with the University of Georgia Concert Choir, the Master Chorale has served as the chorus in the Athena Grand Opera productions of *The Magic Flute*, *Die Fledermaus* and *La Boheme*. The group also performed in "Bach Around the Clock", "Go for Baroque", and "An American Music Festival" music festivals, which were coordinated and produced by Master Chorale conductor Joseph Napoli. The Master Chorale has also performed twice in Carnegie Hall in New York, at several venues in Atlanta, and at the Biltmore House in Asheville, North Carolina.

Exhibitors

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