

WORCESTER POLYTECHNIC INSTITUTE

Choral Directors and Technology

An Interactive Qualifying Project Report
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I. Abstract

The purpose of this project was to present the continued research that is done by WPI students and faculty regarding the virtual choir and to explore the interface between music and technology with respect to choral directors and education. All information and data was gathered from choral directors at the ACDA Eastern division conference in Philadelphia, PA.

II. Introduction

Music educators and students attended the ACDA Eastern Division convention in Philadelphia, PA, where WPI students continued to gather information regarding music and technology. The data gathered at the convention was specific to the virtual choir and the Digital Choral Folder projects. Our group conducted research before and during the convention in order to improve underlying understanding of their respective projects. Research and preparation leading up to and during the convention included analyzing ACDA state websites, attending various seminars and concerts, and reading previous project reports that also explored the interface between technology and music.

III. Background

A. Websites

The American Choral Directors Association consists of thousands of music educators across the country. Because this overlying organization is so large, it has been divided by state. Each state has created its own website so that each member or interested party can become informed of the happenings of their state's division of ACDA. After collectively looking at each state's website, there was discussion as to the effectiveness of each. The websites gave insight into the diversity of technological endorsement from the respective boards.

B. On-going Research

As part of personal research, each student attended concerts and seminars to better understand the interaction between technology and music through naturalistic observation. The sessions attended were as follows:

- Breathe with Ease!
- Lift Ev'ry Voice and Sing
- Rutgers University Glee Club and Ithaca College Women's Chorale
- Conducting Master class with Joe Miller
- Bach concert at the Kimmel Center for the Performing Arts
- Conspirare Concert
- That Sound!

Full reviews of the attended events can be found in Appendix A.

C. Literature Review

Each of the project members reviewed literature previously written by other students regarding the interface between technology and music. The majority of the reviewed literature was research related to projection technology or the use and development of digital choral folders. Both projects presented methods to shift the choral classroom away from using paper music. Projecting scores is cost-effective; however, issues arose with proper singing posture, visibility of the score, and page transitions. Digital choral folders would alleviate the problems with projection using e-ink technology, but they are not currently cost-effective.

At the New York City convention, the project's goal was the exploration of the relationship between music and technology. By constructing a website for the convention, they provided a way to transmit information, such as the President's address, to the other music educators. The team also employed various technologies to create maps of the local area and to display the current conference schedule. The project presented this information at a kiosk. One of the difficulties that arose was that, due to the undesirable location of the kiosk, fewer attendees visited than the team expected.

The project also incorporated research about the Digital Choral Folder. This project investigated the ability to use e-ink technology to alleviate the amount of paper used by choral musicians. The results demonstrated that people were enthusiastic about the digital choral folders, but there was an issue of how the pages should turn. This project group determined that future groups need to study the page turning process more thoroughly.

At the Hartford convention, the project focused on score projection. The students distributed hardcopies of some music, while projecting the rest. Music educators were surveyed about the projected scores, and the students drew conclusions about the effectiveness of this method for

classroom purposes. When using a hardcopy of the music, participants rarely watched the conductor. With the projected scores participants were more likely to observe the conductor; however, the delay with the page turning was a problem that arose.

The Virtual Choir report was the project's last item of background research. This group had programmed the virtual choir to perform the 40-part work *Spem in Alium*, by Thomas Tallis. They were successful in programming the piece of music, but there was still more to be done regarding the development of the program.

IV. Methodology

A. Scheduling

Scheduling the materials for the conference was an involved process, requiring three AV schedules, a conference schedule, and the combined knowledge of two conference committee members. The first issue was that, of the three schedules given by the committee, none of them were complete or accurate. In fact, the most accurate list provided was over a month old, despite the number of groups that had to cancel or reschedule their sessions due to inclement weather conditions.

The largest obstacle in this process was the ACDA committee member in charge of AV equipment. He was extremely disorganized and out of touch with a great deal of what was going on at the conference. In fact, a significant portion of what students observed him working on was unrelated to AV equipment, but with moving other things (mostly music stands) to concert locations. However, the committee member in charge of Interest Sessions, to which most of the equipment was being provided, was very helpful. He knew most of the presenters personally and had assembled a list of their AV needs. Through the assistance of the vice president and the aforementioned committee member, the team drew up a schedule for the group's equipment.

Another major complication was that the house audio systems in the exhibition halls were only configured to be set up with a 3.5mm audio input – the type of audio port commonly found on computers and portable audio players. The group had brought several standalone CD/DVD players to save presenters the hassle of using a laptop solely to play a CD/DVD, as well as to free up our two laptops in to prevent scheduling conflicts with presenters who required a laptop for a PowerPoint presentation. Unfortunately, this type of player uses RCA cables, the type of connection common to televisions, not 3.5mm audio cables. Adapter cables for these two types

of connections exist, but are not commonly packaged with any home electronics, and generally have to be purchased online. This would not have been an issue except that the convention committee AV chair had not informed the group ahead of time about the hotel audio systems. Even though the group brought a fairly comprehensive bag of adapter cables, which was a combination of ATC equipment and personal equipment, it did not contain the required adapter. Therefore, laptops had to be used for CD/DVD playback, stretching resources and creating stress for less technology-inclined presenters.

B. PowerPoint Presentations

The ACDA requested that the students create a slide show with information about the conference and Philadelphia to be displayed on three screens near the entrance of the convention area (see Appendix C). The slides contained the event schedule for each day, with provisions to remove events that had already occurred. Students researched local restaurants near the convention center in order to provide information about the surrounding area. Each student inserted personal recommendations regarding restaurants and attractions as PowerPoint slides. Unfortunately, the project team had little information regarding the configuration of the displays ahead of time; therefore, each day had two PowerPoint presentations: one for the morning and another for the afternoon. This reduced the display of events that had already occurred. Other methods considered ranged from having a web page scripted to not list old events (similar to what the New York convention group had done) to simply deleting slides out of the PowerPoint on the fly. The students discussed the screen configuration with hotel personnel while setting up the kiosk. The display consisted of three wall-mounted LCD screens with a single VGA connection that allowed all three to be connected to one computer, which the students had to provide themselves. Being able to alter the presentation on the fly from the kiosk turned out to be

highly convenient, as the students were often informed about weather-related cancellations by word of mouth. Up to date cancellation information was often in the project team's PowerPoint before it was posted on the ACDA Eastern Division website.

C. Philadelphia

1. Departure:

The American Choral Director's Conference in Philadelphia was held from Thursday, February 11th to Saturday, February 13th. Accordingly, the project group planned to prepare for departure on the preceding Tuesday, and leave for Philadelphia early on Wednesday morning, allowing time to set up the kiosk Wednesday afternoon and evening. Unfortunately, due to projected inclement weather in both Philadelphia and Worcester, plans for departure quickly changed. Half of the project group departed for Philadelphia on Tuesday afternoon hoping to arrive before the blizzard, which was predicted to start around 8 PM, and the rest of the team arrived Thursday afternoon after the storm had ended and roads were cleared. The city of Philadelphia was almost entirely shut down on Wednesday, with the only vehicles on the streets being police and snow plows, making it highly unlikely that any project members would have been able to reach the hotel. The snowstorm that hit the northeast not only led to many last minute changes in the group's schedule for the Philadelphia conference, but also impacted the travel of many conference attendees, especially from the Washington D.C. area, which received upwards of three feet of snow. According to local news reports during the storm, more snowfall occurred during that storm than Philadelphia had seen for the past several winters combined.

2. Tuesday – Saturday:

After the departing vehicles were packed with equipment, the majority of Tuesday was taken up with traveling to Philadelphia. The first two cars arrived safely Tuesday evening and checked into the hotel, one around 6 PM and the other shortly after midnight. On Wednesday, the group loaded in the equipment and began setting up the information kiosk. The group had a meeting in the evening to review the PowerPoint presentations that were to be displayed throughout the conference. The group then spent the remaining time on Wednesday night completing the details of the presentations for each morning and afternoon of the conference.

On Thursday, the group in Philadelphia began their morning with a meeting before the conference hall officially opened, and the group members still in Worcester packed the remaining equipment that had been left behind and departed for the conference. The conference got off to a somewhat slow start, as many attendees were also delayed by the weather conditions. During the first day of the conference, the kiosk was used solely to provide attendees with free internet access. The equipment necessary to fully run the information kiosk arrived with the remaining group members in Philadelphia Thursday evening. Once the exhibit hall officially closed, the entire group had a meeting in order to prepare for giving demonstrations and taking surveys with conference attendees the following day. In the evening, group members prepared materials for the Virtual Choir demonstration.

Friday morning began with a meeting to go over the day's agenda and equipment schedule. The kiosk agenda was similar to the day before, with the addition of gathering data on the Virtual Choir using one of the computers that had been used to provide free internet access. At the kiosk, conference attendees read along with a piece of recorded music, and, after a brief explanation of how the technology works, answered a short survey. Aside from running the

kiosk, the group provided computers and projectors for presenters throughout the hotel conference area. When not running the kiosk, project members brought equipment to and from exhibit halls and assisted the presenters in any way possible to ensure their sessions ran smoothly without technological issues. Once the exhibition hall closed for the night, the group had another meeting and concluded they had gathered enough data to calculate significant results on the Virtual Choir experiment. The group then discussed their plans for the next experiment to be done on Saturday. The evening ended with students preparing material for the Digital Choral Folder's page turning experiment.

Saturday began with yet another group meeting to discuss the day's events. The largest challenge for Saturday was bringing laptops and projectors to presentations on time throughout the day, which proved difficult due to the high demand for a small amount of provided materials. While these materials were being shuffled between various locations in the conference center, other students in the group gathered information by demonstrating a page turning experiment related to the Digital Choral Folder, which included another short survey. As the end of the conference neared, the amount of attendees seemed to diminish slightly. Due to decreased attendance in the exhibit hall, the group collected less data for the page turning demonstration than the previous day's Virtual Choir experiment, though the group was still able to deduce results based on these figures. Saturday afternoon proved to be a difficult period of time based on the amount of equipment required throughout the conference area. Scheduled events that needed equipment directly followed events in different locations that had similar equipment needs, and presenters often requested that the equipment be set up and ready to go ahead of time. This was further complicated by one of the projectors intermittently malfunctioning, only working reliably in conjunction with the ATC laptops for unknown reasons – there is no good explanation for this

behavior from a technical standpoint. The day's event needs were scheduled precisely, and the afternoon proceeded without any major problems. As the conference came to a close, the group disassembled the kiosk and packed up equipment in preparation for return to Worcester while waiting for the last of the AV equipment to be returned from interest sessions.

3. Load-in/Load-out:

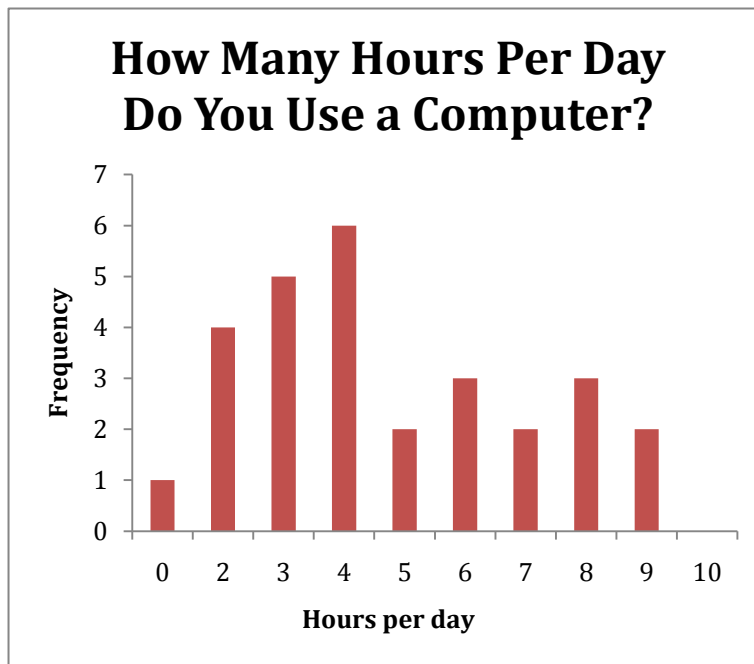
The load-in/load-out process did not go quite as perfectly as was initially planned, primarily due to changes in weather conditions. The snowstorms in both Philadelphia and Worcester changed plans for arrival at the conference last minute, resulting in a rush to pack equipment and send some students down to Philadelphia on Tuesday. Had that equipment not arrived, the ACDA would have had to rent projectors from the hotel at a rate of \$600/day per projector, the total cost of which would have been nearly \$10,000 for the entire convention. Some of the equipment was left behind and was later brought by the other group of students on Thursday. Accordingly, load-in at the conference was not an ideal process. With all the equipment arriving on different days, the group was forced to slightly alter their plans for Thursday. Once all the equipment had arrived, the conference went as planned.

The load-out process was more coordinated than the load-in process, and had more effective execution. Although the students in the group departed at different times as the final presentations utilizing the AV equipment ended, all of the equipment made it back to Worcester successfully, and the conference was an overall success. Out of all the equipment borrowed from professors and offices on campus, the only equipment lost was the power cable from one of the projectors borrowed from the Academic Technology Center.

V. Conclusions:

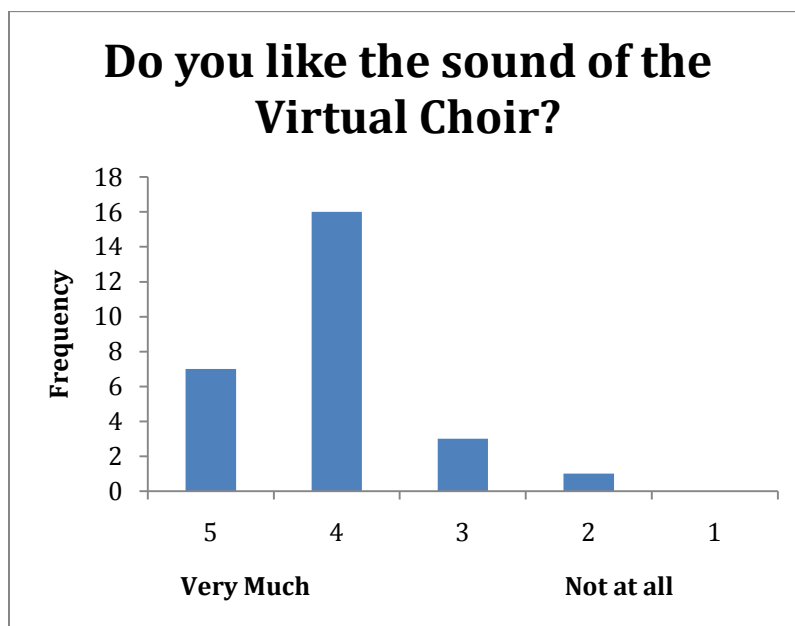
A. Virtual Choir Results:

The survey was set up with five questions where the responses were scaled 1-5, 5 being the highest. The first question was “How many hours per day do you use a computer?” The goal of this question was to obtain a general idea of how comfortable the participants were using a computer on a daily basis. The answers varied greatly, with 9 being the most hours, and one participant answering 0 hours per day.

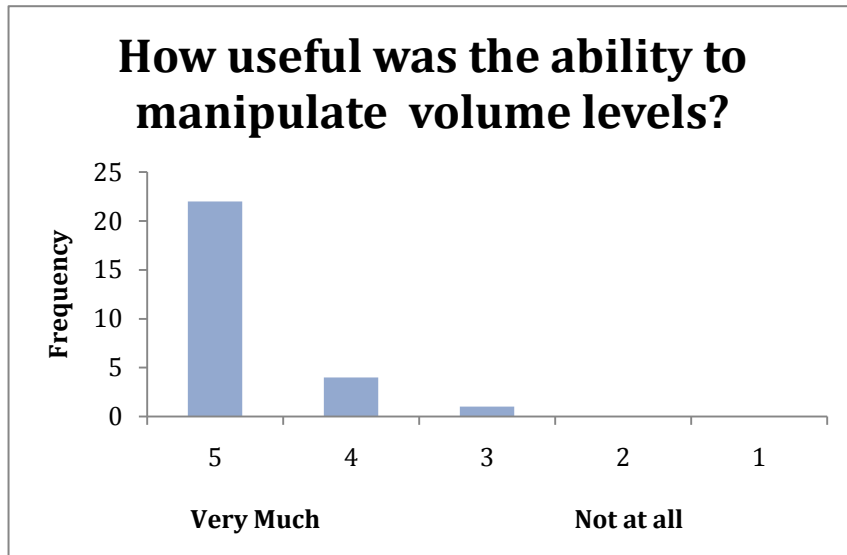


<i>How many hours a day do you use a computer?</i>	
Mean	4.7
Mode	4
Standard Deviation	2.35
Sample Variance	5.53
Range	9
Minimum	0
Maximum	9
Count	27

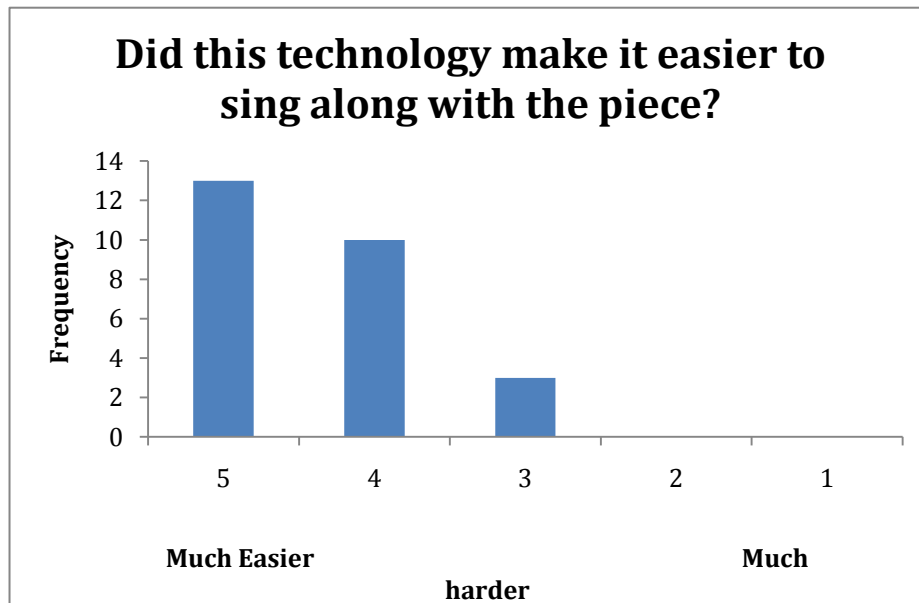
The second question on the Survey was “Do you like the sound of the Virtual Choir?” with the responses ranging from 1 representing “not at all” to 5 being “very much.” Out of 27 responses, 16 participants rated the sound of the Virtual Choir as 4 out of 5. In response to the third question, 22 participants found that the ability to manipulate volume levels was very useful, rating it a 5 out of 5. When asked if the technology made it easier to sing along with the piece, 23 participants rated 4 or more. This indicates that the Virtual Choir was successful in helping the participants sing along with the piece.



The participants had the capability to manipulate volume levels of each choral section, such that the part they sing could be set to a higher or lower volume than the rest of the voices in the choir. The results demonstrate that participants found the ability to manipulate volume levels very useful when singing with the Virtual Choir.



According to the results of the survey, the Virtual Choir makes it easier for the participant to sing along with the piece. Most of the participants ranked the technology above 4 out of 5. This displays that the technology would be very helpful as a rehearsal tool.



B. Digital Choral Folder Results

Only 18 people were able to take part in the Digital Choral Folder survey which is not enough responses to gather statistically significant results. The survey and data gathered is listed in Appendix B under the Digital Choral Folder section.

C. General Conclusions

The Virtual Choir proved to be a very useful technology. A total of 27 attendees participated in the Virtual Choir survey and, according to the results, there were almost no participants that disliked any aspect of the technology. The most striking element about the feedback from the Virtual Choir evaluations is that the technology was almost exclusively well-received. There were very few to no concerns about the technology putting musicians out of work. In fact, many of the participants conversationally expressed excitement about how the technology could be of use to them. Moving forward, the possibility for this technology to manipulate tempo in real time should be explored in more depth and evaluated for potential effectiveness. Though it was not displayed at the conference, the ability to manipulate tempo in real time is a vital component for the project and one that should be pursued beyond the scope of this IQP.

The first question on all surveys was “How many hours per day do you use a computer?” Results demonstrated that there was a surprisingly wide range of the amount of hours these attendees spent on their computer, as responses ranged from 0 to 9 hours per day. We had hypothesized, based on information obtained from previous project reports and the regional websites, that these choral directors would not be very familiar with technology. Although most participants spent 4 hours or less on the computer, there were still a significant percentage of participants that spent a great deal more time on the computer. Age was a clear determining factor with the amount of experience these directors had with technology. Younger directors, such as Heather Buchanan, did not need any help setting up computers and projectors for presentations. Some of the senior directors, however, needed much more assistance with the technology they reserved.

Weather is always an aspect of any project or event that is beyond the team's control. The weather played a large role in the execution of this project. It was mainly a setback due to the fact that many people were delayed or deterred from coming to the conference because of the severe snowstorm that affected the area that week. Additionally, the inclement weather made it difficult to transport all of the necessary equipment to the conference in time. Some of the group members had class until 5PM on Tuesday and were not able to leave before the snowstorm began, although most team members arrived in Philadelphia on Tuesday night. This affected the load-in procedure because not all of the equipment or group members made it to the conference before Wednesday. Future projects should investigate different methods of transportation and may even desire examining a backup procedure if similarly affected by inclement weather. One thing to consider for transportation in the future is taking a train to the destination. Trains are very safe, less expensive than flights, and are rarely shut down due to weather conditions. Equipment could even be shipped to the destination ahead of time. Overall, it was very interesting to observe Choral Directors and musicians and their use of technology.

VI. References

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3. Teti, Adam J., Anthony A. Petrocchi, Shant Orchanian, Matthew D. Madden, Daniel N. Lattiere, Gerard P. Dwan, Katherine McKenna, William G. Lauwers, Anthony DeVecchio, and John F. Delorey. *ACDA Eastern Division Convention*. Diss. Worcester Polytechnic Institute, 2008.

VII. Appendix A: Interest Session/ Performance Reviews

Cassandra Cruz

That Sound!

I, along with many choral directors, attended an open rehearsal for the high school boys honor choir titled “That Sound.” The choral director used no technology, just a piano. The director started the rehearsal with a shoulder massage to relax the muscles of the neck. Next, he began a clap exercise to ensure that the students were paying attention to him and listening to each other. He had the boys do a funny exercise where they shook their pointed fingers. I am guessing it was to get their blood flowing. One thing I really like about his rehearsals is that he had the singers use hand movements to visualize the breathing and where in their range the notes they were singing should be. Including a vowel warm up where he had the singers make the shape of their throat with their hands to show what the throat muscles should be doing while they sing each vowel showing the tension and relaxation of the muscles. He had them visualize a ball between their hands which expanded as their voices grew louder. He spent some time teaching about using a head vs. a chest voice when singing. The singers had to ask their dad for a car in falsetto and then using a chest voice, which was really funny to observe. I noticed that some of the singers were really good at matching their hand movements with the notes and rhythm, but there were a few that did not understand or were not very good at it. The second half of the rehearsal they practiced singing “If music is the food of love” which was a really great song to sing at a spring concert. The singers were excellent, as expected. Some of the singers were out of tune so the director made the chorus sing the opening line an octave higher correctly and then sing it again in the original octave which corrected the notes.

Breathe with Ease

“Breathe with Ease” was an interest session held by Heather Buchanan from Montclair University. The session’s goal was to teach effective breath management through body mapping. Heather was very knowledgeable of technology; she brought her own Sony computer and requested a projector to display a very well put together PowerPoint presentation. She began the session by identifying several problems that singers come across because of poor breathing techniques including: noisy breathing, inability to hold a breath for a long time, projection of voice, and tone quality. She identified three aspects to consider when mastering breathing. First she spoke about balance and alignment of the spine to ensure proper posture which will enable better breathing. Just as any ballet teacher would do she instructed us to imagine a rope extending from our spine through the top of our head keeping our spine aligned with our hips and shoulders and keeping our posture tall. Next she spoke about all the muscles that are used when breathing. She immediately dispelled the myth that breathing was all about the diaphragm. Breathing is in fact regulated by the muscles surrounding your ribs! The external intercostals and the internal intercostals are the muscles that surround the ribs which tense and relax to allow breathing. Since the diaphragm cannot be controlled it is best to think of these muscles when controlling your breathing, this will fix many of the problems that were identified in the beginning of the session. Heather also got four people involved in a funny exercise where each person played a different anatomical part involved in breathing and had to coordinate the movements they would make, using their hands, when exhaling and inhaling. Most of her research was taken from “Body Map. Understanding the anatomy of breathing” by Barbara Conable.

Nicholas Stone – Interest Session Reviews

That Sound!

Jerry Blackstone with the Eastern Division High School Men's Honor Choir

The rehearsal started with a brief introduction of the Honor Choir and conductor Jerry Blackstone. The singers began by massaging each other's shoulders in order to loosen up and get to know one another. They then began to sing warm-ups, which included various arpeggios up and down through scales while the director displayed with his hands the step intervals being sung, to demonstrate how voices should fluctuate. Blackstone then explained to his singers the key differences between head voice and chest voice, and how placement of crossovers while singing affects the singers' tonality overall. When the choir began to sing their piece, the overall sound was much better than ever expected. Even though the students were in a high school and in rehearsal, they sounded like professional singers in concert. The amount of attendees in the audience was a clear indication that this performance was a special event and that these choral musicians were some of the most talented young singers at the conference.

Breathe with Ease

Heather J. Buchanan

After a brief introduction, Heather Buchanan explains that her seminar is designed to help choral directors teach their students how to breathe properly while singing, and introduces a method she refers to as body mapping. She describes many typical singing postures, and how many of them can harm a singer's ability rather than improve their voice quality and stamina. She goes on to explain that the body mapping technique focuses on aligning the spine, relaxing the ribcage, and allowing free movement of the diaphragm. With the aid of a small skeleton model, Buchanan demonstrates the spine alignment and free movement of the ribcage. She then uses the audience to show that these breathing techniques are simple to teach, and simple to understand. She considers her method to be composed of a top-down exhale and a bottom-up inhale, which allows for maximum airflow and can help a choral singer to improve their voice quality, voice projection, and stamina.

Ravi Raval- Literature Reviews

Conspirare Concert

I attended the Conspirare concert. I have been singing in high-quality choirs since I was eight years old, and over the years I have heard many good choruses. Conspirare was entirely a different experience. The group produced, by far, the most incredible music I have ever heard in my life. The first piece was a Gitanjali Chants, a modern plainchant. The basses immediately impressed me, not only with their sound quality, but also with their sheer depth of pitch. At one point, they sang a G three octaves below middle C. The program was carefully crafted to provide a seamless experience for the audience. The concert was split into three themed sections. Other notable pieces from the first section were Agnus Dei, by Samuel Barber, and All Works of Love, by Joan Szymko. The second section was more up-tempo, with a folk and gospel feel; selections included *Treputé Martela* (The stomping bride), a humorous Lithuanian folk song with percussion, Plenty Good Room, and Walk Together Children by the late Moses Hogan. Finally, Conspirare performed two pieces as an encore: The Battle of Jericho, again by Moses Hogan, and Light of a Clear Blue Morning, originally by Dolly Parton and arranged by Craig Johnson (the director of Conspirare). The soloist, Kathlene Ritch, had the most beautiful voice I have ever heard. The latter song evoked such an emotional experience for me that I shed a few tears, and prompted me to buy the song from the iTunes store.

Chamber Orchestra of Philadelphia

I attended the Kimmel Center to hear the Chamber Orchestra of Philadelphia perform a concert of Bach's works, conducted by the world famous Bach scholar Helmuth Rilling. Among the featured performers was organist Eric Plutz. Additionally, the Westminster Choir and Temple University Concert Choir provided background for some songs. The performance consisted of two cantatas, and after a short intermission, Bach's Magnificat in D Major. Orchestral music is generally less appealing to me than choral music; however, I was very impressed with the performance. The organist did make several errors, but overall the orchestra was quite good.

Peter Worrest – Literature Reviews and Concerts

Concert: Rutgers University Glee Club & Ithaca College Women's Chorale

I attended a performance of the Rutgers University Glee Club and the Ithaca College Women's Chorale. The Concert started with a group sing conducted by Lynn Drafall, then Eastern Division President. Being in a room full of skilled musicians working together like that is an experience all its own, and was very enjoyable. The performance of the piece was very nuanced, with each attendee very responsive to the conductor's gestures.

Afterwards the Rutgers Glee Club ran on stage and performed a collection of pieces mostly in a foreign language. When choral music is in a language that the audience cannot understand, the emotive qualities of the chorus are easier to listen too, and Rutgers performed very well, with a powerful sound from a large group of men. One piece that stood out to me was *Joulud tulevad*, An Estonian piece with very interesting choral textures and themes, in the Folk style of a *regi*.

Ithaca's women's Chorale followed Rutgers' performance with an even better performance, showing their skill both in singing and in showmanship. Their program was designed around the theme of the conference, *We the People*, with a collection of pieces detailing many different ways that communities come together. Each piece was performed well, and some included strategic positioning and "choralography" to enhance the performance. What stood out most to me was the emotion that each individual singer expressed while still creating a unified choral sound on the piece *The Lake Isle of Innisfree* composed by Eleanor Daley. Ithaca's Women's Chorale does their college proud.

Roxbury High School performs at the Wanamaker Organ

In Downtown Philadelphia right by the conference center is Macy's. Macy's in Philadelphia is the home of the largest operational pipe organ in the world, and was the site for several performances including one I attended by Roxbury High. The performance was difficult to follow or appreciate because the audience was a floor below the chorus in a vaulted court inside the building. The conductor didn't take the venue into account at all, and it was difficult to hear the chorus at all, not to mention understand their music or the emotion presented.

Their performance was followed by someone playing their recital on the organ, but their performance, too, left me lacking. It was loud, and showed off some of the organ's power, but the performer played very mechanically, with no emotion coming through in the playing either. I took from this experience that a Macy's is a terrible place to perform, even if it has an organ.

Nick Page and Conspirare

My favorite concert of the convention was Conspirare with Nick Page opening. Nick Page is a song leader who runs singing workshops and composition master classes. He focuses on teaching songs by rote that are easy to sing and improvise upon. His opening was very informative and fun, and a great way to get everyone in a choral music mood.

Conspirare is a professional chorus from Texas, and sing the most in tune, emotive choral music I have ever heard. The whole evening was full of beautiful music ranging from Gregorian chant to negro spiritual and popular country music. The whole performance left my love of choral singing renewed. The only criticism I have for the whole performance is that one piece felt too strict and musically tight and reserved for its style.

Sarah Jaffer- Literature (Concert & Session) Reviews

Conducting Master Class

I attended a conducting master class run by Joe Miller. In typical master class fashion, each student conductor was given a chance to conduct a live choir, after which they would receive a critique on their performance and at which point an exchange would begin between the student conductor and Joe Miller. Each of the student conductors was extremely skilled and very knowledgeable of the piece of their choice. The first conductor, Guillermo Muñoz, suffered from the problem of moving his upper body too much as he conducted. Most of his time on stage was spent learning how to be expressive with and make the most out of his gestures without moving the rest of his body. Through him, Joe Miller showed that a conductor's gestures are easier to follow and more effective if they are the sole conduit of the conductor's musicality.

The second student conductor, Joseph Shortall, had chosen an exceedingly difficult two-chorus Bach piece. What was, perhaps, most impressive about him was that he had learned the score well enough to conduct it almost entirely from memory. However, when it came to his interpretation of the piece, his conducting was often uninspired by the natural shape of the phrases. He was shown how to use the structure of the score to interpret it and bring more life to the music beyond his abundant enthusiasm.

Last, but certainly not least, Lisa Diver took the audience's breath away, conducting a gorgeous and moving rendition of Bruckner's Virga Jesse Floruit. In fact, she did such a good job of it that she stunned a room full of choral directors and music enthusiasts, as well as her

host. She was coached on her rehearsal technique and how to craft her gestures more precisely to achieve exactly the effect she was looking for.

All in all, it was an extremely informative and impressive display of conducting know-how. I doubt there was a single person in that room, experienced directors included, who did not take something away from the session.

Chamber Orchestra of Philadelphia

On Friday evening, I attended a concert at the Kimmel Center for the Performing Arts. And to start off, I would have to say that the performance hall itself was the highlight of the entire experience. The entire inside of the performance hall was shaped like a cello, which seemed to be as good for the hall's acoustics as it is for the instrument itself. As for the concert itself, I have to say it was somewhat disappointing.

I am a great lover of Johann Sebastian Bach's music, which is part of the reason why I was extremely disappointed every time the organist rushed (which was, unfortunately, most of the time). The concert master and principle cellist, though both accomplished players, seemed not to ever communicate. Thus, the orchestra played the notes, but did not play to support the soloists or the organist or the choirs, who had clearly rehearsed well and sung their parts beautifully and musically.

To sum up the experience, I would say it was uninspiring. They played the music, but made very little of it on a whole. What could have, and should have been a great and musically enriching concert, instead was flat and felt void of the passion necessary to truly make music.

Joseph Baker-Literature Reviews:

Interest Session: Breath with Ease! – Friday 4:00 PM

The topic of Heather Buchanan’s presentation is a technique called “body mapping”, which is based around the ability of a musician to be aware and conscious of their anatomy and how each part of their body is connected. She explains in detail the exact process that occurs within the body when breathing. When breathing passively, the body performs this function in an efficient manner. When a person sings, they actively take control of their breathing, which, while necessary, requires learning consciously what exactly the body does unconsciously. While explaining what muscle groups are involved in breathing, Buchanan discusses various posture problems and improper motions that singers often employ which hinder their ability to breathe as well as they otherwise could. Buchanan focused on two key parts of the body that most people do not make proper use of when breathing: the diaphragm and the ribcage. The idea of the ribcage moving is a somewhat foreign idea to most, and is actually very important to breathing properly when singing, as this movement is what gives the lungs the most space to expand. The diaphragm is an interesting muscle in that it has no nerve endings to sense touch. Any movement of the diaphragm is only felt indirectly by how it pushes against other parts of the body. That being the case, most people do not realize how large of a muscle the diaphragm actually is and fail to make full use of the muscle as a result.

Interest Session: “Lift Ev’ry Voice and Sing” – Saturday 11:30 AM

Judy Hanson began her presentation by having the audience sing a “Lift Every Voice and Sing” – without any introduction or sheet music. She was illustrating a point: less than half of the audience actually knew the song, and she jumped straight into it as if everyone should know it. This is a real problem for the Chicago Children’s Choir, which is not so much a choir as an

organization, providing choral programs to many Chicago schools. The most telling example was when they wanted to do a Beatles medley, only to find that most of the kids didn't actually know the Beatles at all, and could not relate to it at all until they watched Across the Universe, which sets "Let it Be" to the Detroit race riots of 1967. Children are willing to try any kind of music, they just have to start with something they know and understand before they are comfortable trying something new.

VIII: Appendix B – Surveys and Scripts

Virtual Choir Script (PowerPoint outline)

- Virtual choir
 - An investigation into using technology to assist choral music
- Overview
 - Melodyne is an application that allows a user to manipulate sound files in a variety of ways, including pitch shift, tempo shift, and volume control.
 - Possible uses include assisting learning music, supplementing a smaller choir, and eventually being flexible enough to follow a conductor.
- Demonstration
 - You will hear 26 measures of the first choir of “Spem In Alium Nunquam Habui” by Thomas Tallis.
 - Then, you will experience a variety of the modifications possible.
 - If desired, you may elect to sing along with a part of your choosing to emulate the learning potential of the technology.

Virtual Choir Survey

(1) How many hours a day do you use a computer? _____ Hours

(2) Did you like the sound of the virtual choir?

Very Much					Not at all
5	4	3	2	1	

(3) How useful was the ability to manipulate volume levels?

Very Much					Not at all
5	4	3	2	1	

(4) Did this technology make it easier to sing along with the piece?

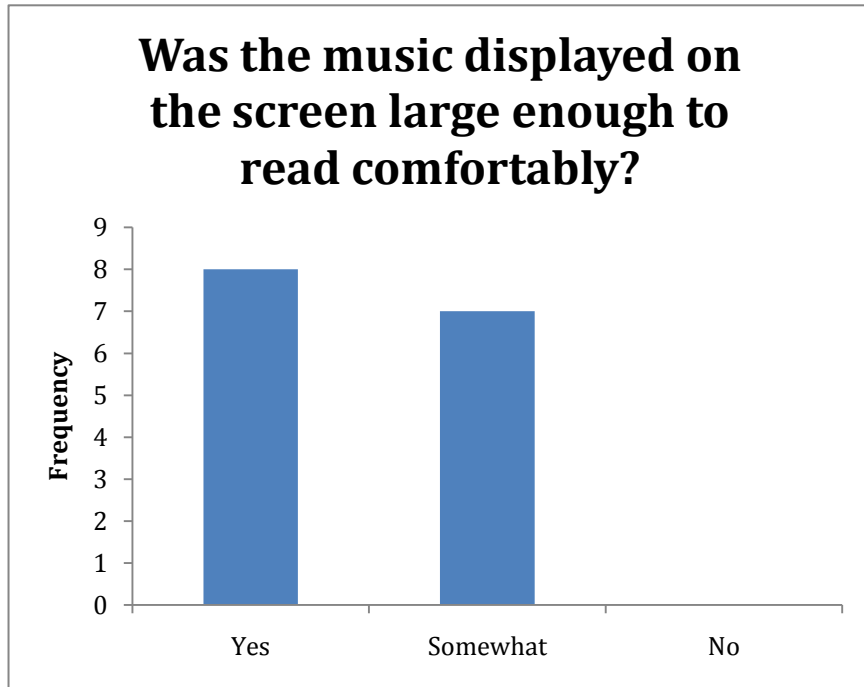
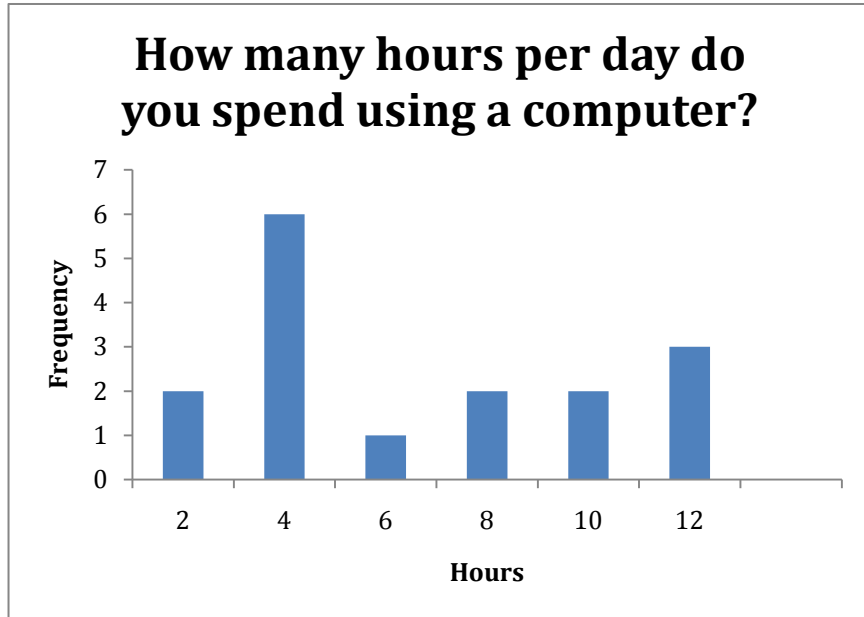
Much easier					Much harder
5	4	3	2	1	

Digital Choral Folder Script

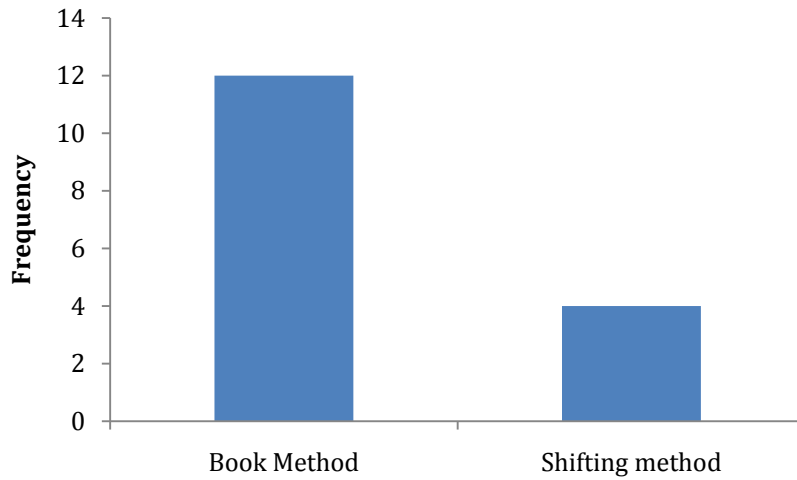
1. When trying to obtain subjects, be sure to ask if they are willing to participate in a 5-10 minute experiment and survey and if they are comfortable singing along with a recorded piece. Be sure to thank them for their help. Sit the subject down in the chair in front of the laptop. Explain to the subject that the flash program is meant to emulate a digital choral folder comprised of two adjacent and independent screens.
2. Assign the subject one of the page turning methods to begin with, and explain the method to them. The book method will turn both pages as if the screen were a bound book. The shifting method will shift each page from left to right, one at a time. Half of the users should use the shifting method for their first listen, and the other half the book method.
3. Ask the subject to push the left and right keyboard buttons a few times to see firsthand how the page turning works.
4. Ask the subject to put on the headphones. Have them listen to the orchestral introduction to the music they are about to read (about 5 seconds). Address any volume concerns (repeat as necessary). Once the volume is acceptable, ask the subject which part they plan to sing along with. Play the pitch of their first note on a pitch pipe and ask if they are ready. If so ask the subject to sing along with the piece, using the keyboard button to turn the page to advance through the music.
5. Begin the study and note at which measure and beat the subject turns the page.

6. Once the song is complete, ask the subject to remove their headphones while the next page turning method is explained to them. Press the space bar to return to the home screen of the experiment and select the alternate page turning method.
7. Ask the subject to push the button to see firsthand how the alternate page turning method works.
8. Ask the subject to put on the headphones and sing along with the same piece as before. They will once again use the left and right keyboard buttons to advance through the music, using the second page turning method.
9. As before, be sure to study and note at which measure and beat the subject turns the page.
10. At the completion of the two singing sessions, ask the subject to fill out a questionnaire relating to the page turning methods. Do not explain the survey questions unless the subject asks a specific question.
11. Thank the subject for their participation and remind them to enter the iPod raffle. Press the space bar to return to the home screen of the experiment.

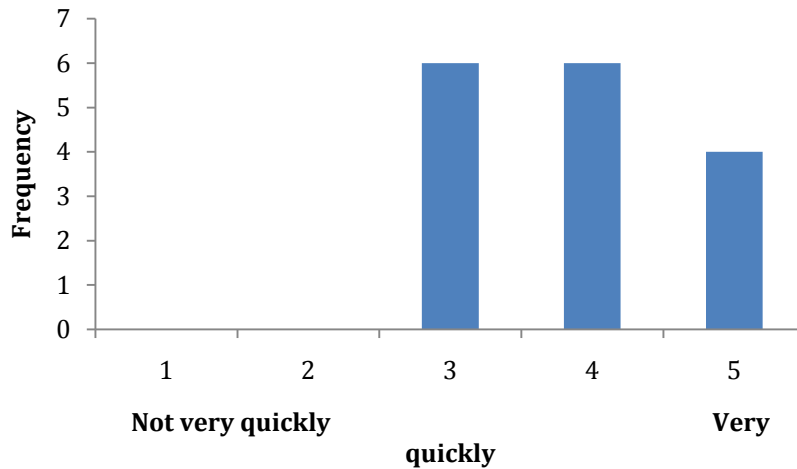
Data Results for Digital Choral Folder:



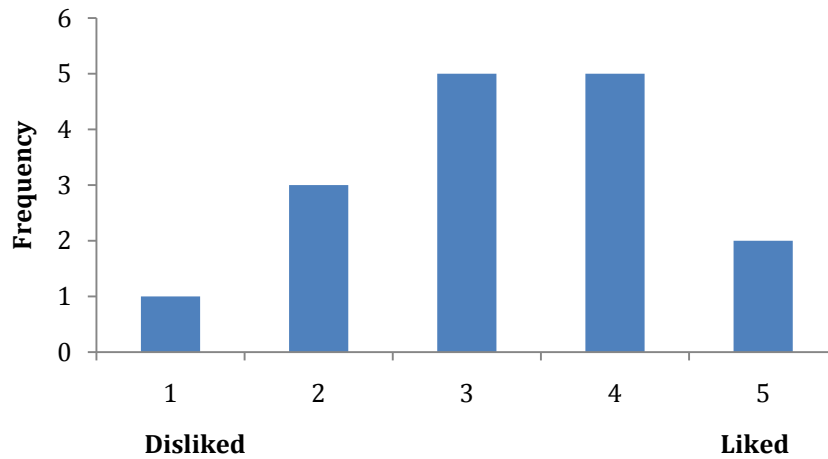
Which page turning method did you prefer?



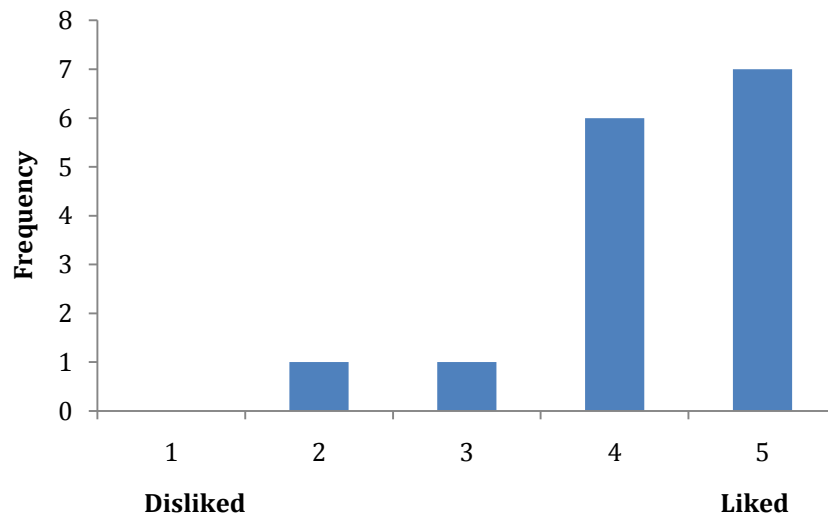
How quickly do you think you could become comfortable with the Shifting Method?



How much did you like or dislike the shifting method?



How much did you like or dislike the book method?



IX: Appendix C- Important Emails

----- Forwarded Message

From: Lynn Drafall <led5@psu.edu>
Date: Fri, 15 Jan 2010 06:02:12 -0500
To: John Delorey <jfd@wpi.edu>
Cc: "odd101@psu.edu" <odd101@psu.edu>
Subject: PowerPoint for media wall

Good morning, John:

Because we are using the AV services offered by the Marriott, they have given us the media wall usage for free. The wall includes three large screens as folks enter the registration/exhibit area, but I think the registration desk will be blocking the center one. So, there will be one screen available on each end of the free-floating wall. With the traffic plan we've derived, that means that there will be a screen at the entrance to the exhibit area and another at the exit.

Would you and your students be willing to create PowerPoint displays regarding our conference for these two screens? They can either be the same or different (I believe that each screen has its own computer.) These can include pictures, graphics, and text - whatever. And, I do think that not only should they include things about our conference specifically, but also some things about Philadelphia. We've made such a push to get our registrants out into the town to take advantage of all the fabulous richness of the place....so I'd really like to keep pushing that.

These will be VERY prominent as this wall is the first thing that is seen as people register.

Are you willing?

Cordially,
Lynn

----- End of Forwarded Message

X: Appendix D- Materials inventory

Item	Quantity
ATC Projector	4
ATC HP laptop	2
Music lab iMac	3
Recording studio iMac	1
iMac keyboard	4
iMac mouse	4
Mouse pad	0
CD/DVD player	3
Delorey's Verizon USB EVDO modem	1
SmartMusic headset microphone	4
ATC headphones	2
Surge protectors	2
Music stand	1
Kingston Ethernet hub	1
Ethernet cable	3
Delorey's Printer	1
WPI Banner	1
Camera	1
Stack of Music department brochures	1
Stack of WPI admissions brochures	1

XI: Appendix E- Schedule Slides

Wednesday

*Welcome to the 2010
ACDA Eastern Division Conference*



Wednesday, February 10, 11:49 AM

This slide between every other



Today's Schedule

The Registration Desk is open
from 2:00 pm to 9:00 pm



UPenn "Off the Beat"

opening concert at 8:00 pm



Wednesday, February 10, 11:51 AM



Ask an Engineer *Exhibit Hall*

Be Sure To Visit The
WPI Exhibit Booth Tomorrow!

FREE Workstations available to check email!



Answer a survey, and be entered in
a raffle for an iPod Shuffle and Nano!

Wednesday, February 10, 11:51 AM



Philadelphia Bach Institute 5:00 pm

PUBLIC LECTURE AND PERFORMANCE:

J.S. Bach, *Singet dem Herrn*, BWV225

University of Maryland Chamber Singers
and members of the Chamber Orchestra of Philadelphia

Jeff Buettner, Stephen Caldwell, and Troy Quinn; *conductors*
Helmuth Rilling, *lecturer*



Thanks for braving the snow - All registered members
of the ACDA conference are invited to attend this performance
FREE OF CHARGE.

Wednesday, February 10, 11:51 AM



Ask an Engineer *Restaurant Picks*

PETER WORREST RECOMMENDS

Morimoto – 723 Chestnut Street

Geno's Steaks – 1219 South Ninth Street

Pat's King of Steaks – 1237 East Passyunk Avenue

Alma de Cuba – 1623 Walnut Street



Wednesday, February 10, 11:52 AM



Open Rehearsals
6:00 pm – 9:30 pm

Children's Honor Choir Rehearsal*

*Courtyard Grand Ballroom *till 8:30 pm*

Jazz's Honor Choir Rehearsal

Marriott Franklin Hall 8-9

open to observers

Wednesday, February 10, 11:58 AM



Concert
8:00 pm



UPenn Off the Beat

Marriott Liberty Ballroom A, B, C

Wednesday, February 10, 11:59 AM

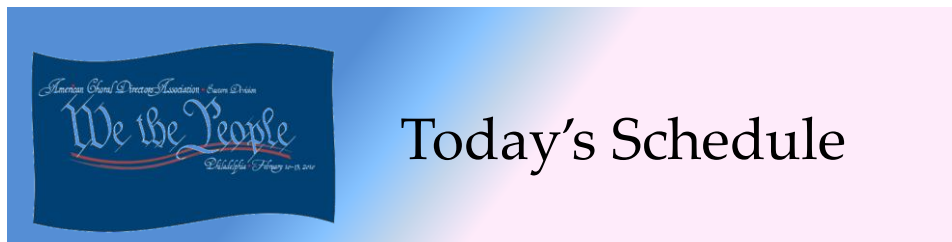
Thursday Morning

*Welcome to the 2010
ACDA Eastern Division Conference*



Thursday, February 11, 12:10 PM

This slide between every other



The Registration Desk is open
from 7:30 am to 5:00 pm

The Exhibit Hall is open
from 8:00 am to 12:00 pm
and 1:00 pm to 6:30 pm

Thursday, February 11, 12:54 PM



Ask an Engineer *Exhibit Hall*

Be Sure to come visit the
WPI Exhibit booth.

Workstations available to check email

Answer some questions, and be
entered in a raffle for an iPod!

Thursday, February 11, 12:54 PM



Repertoire Forum 9:15 am

Women II, SSA/SSAA

Music for advanced women's choirs in the high school,
college, and community

Marriot Franklin Hall 2-3

Thursday, February 11, 12:54 PM



Interest Session

9:15 am

Let's Talk:



Q/A Session with Helmuth Rilling
Moderators: David Fryling,
Eastern Division Youth &
Student Activities R&S Chair & Robert Duff,
Director of the Philadelphia Bach Institute

Marriott Grand Ballroom Salon A-B

Thursday, February 11, 12:54 PM



Ask an Engineer *Restaurant Picks*

Cassandra Cruz Recommends



Hard Rock Café – 1131 Market Street
(215) 238-1000

Chris' Jazz Café – 1421 Sansom Street
(215) 568-3131

Sole Food – 1220 Market Street
(215) 568-7300

Melting Pot Restaurant – 1219 Filbur Street
(215) 922-7002

Thursday, February 11, 12:54 PM



Concert
9:15 am

York County Junior Honors Choir &
Rhode Island Children's Chorus Chamber Choir

First Baptist Church

Thursday, February 11, 12:54 PM



Interest Session
9:15 am

Toward a Uniquely American Musical
Experience

A Cross-Cultural Companion
to Bach Cantata BWV 110



Marriott Independence Ballroom

Thursday, February 11, 12:54 PM



Ask an Engineer *Restaurant Picks*

Joseph Baker Recommends

Melting Pot Restaurant – 1219 Filbur Street

(215) 922-7002

10 Arts – 10 Avenue of the Arts

(215) 523-8273

Maggiano's Little Italy – 1201 Filbur Street

(215) 567-2020

Hard Rock Café – 1131 Market Street

(215) 238-1000



Thursday, February 11, 12:54 PM



Interest Session 9:15 am

The Score is the Door: Culture, Context and Programming



Hosted by Ronald D Johnson,
Eastern Division Ethnic &
Multicultural Perspectives R&S Chair

Marriott Liberty Ballroom C

Thursday, February 11, 12:55 PM



Interest Session

9:15 am - 11:45 am

High School Soundtable

Warm-up and performance techniques presented by several choral programs.

Pennsbury High School Concert Choir
Cherry Hill High School West Chamber Singers
Herricks Hill School Chamber Choir
Strath Haven High School Silverstones

Arch Street Presbyterian Church

Thursday, February 11, 12:55 PM



Ask an Engineer

Restaurant Picks

Nicholas Stone Recommends

Rick's Steaks – 200 South Broad Street
(267) 519-9253

Express Breakfast and Lunch –
1500 John F Kennedy Boulevard

DelFrisco's Steakhouse – 1426 Chestnut Street

Le Castagne – 1920 Chestnut Street



Thursday, February 11, 12:55 PM



Repertoire Forum 10:45 am

Multi-Cultural I Unison/SA

Music for voices at elementary, middle, and introductory high school levels

Marriott Franklin Hall 2 - 3

Thursday, February 11, 12:55 PM



Interest Session 10:45 am

Building a Vocal Community

Ysaye M. Barnwell, *Sweet Honey in The Rock*

Hosted by Christie McKinney

This session is repeated on Friday at 9:15 am

Marriott Independence Ballroom

Thursday, February 11, 12:55 PM



Ask an Engineer *Restaurant Picks*

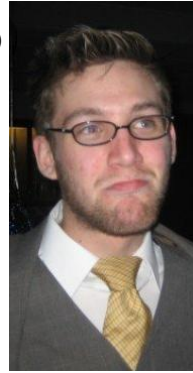
Nicholas Stone Recommends (part II)

Tre Scalini – 200 South Broad Street

Morimoto – 723 Chestnut Street

Alma de Cuba – 1623 Walnut Street

Le Bec Fin – 1523 Walnut Street



Thursday, February 11, 12:55 PM



Concert 10:45 am

Rutgers University Glee Club
Patrick Gardner, conductor

Ithaca College Women's Chorale
Janet Galván, conductor

First Baptist Church

Thursday, February 11, 12:55 PM



Interest Session

10:45 am

Do You Hear What I Hear?



Discussion moderated by
Thomas Lloyd, Eastern Division
Community Choirs R&S Chair

Marriott Grand Ballroom Salon A - B

Thursday, February 11, 12:56 PM



Ask an Engineer

Restaurant Picks

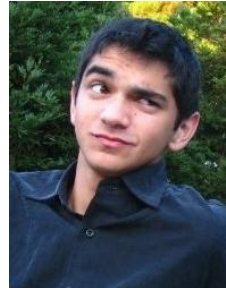
Ravi Raval Recommends

Le Bec Fin – 1523 Walnut Street

Paloma – 6516 Castor Avenue

Amada – 217 Chestnut Street

Bindi – 105 South Thirteenth Street



Thursday, February 11, 12:56 PM



Interest Session

10:45 am

Research Gallery Opening

Including short presentations by the gallery participants

Hosted by James John, Pennsylvania Jr. High/Middle School Choirs R&S Chair

Marriott Franklin Hall

Thursday, February 11, 12:56 PM



Interest Session

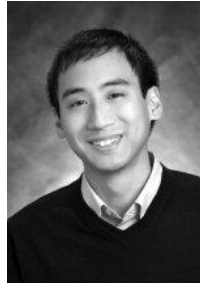
10:45 am

From the First Musical Line to a Unique Concert Program



Sharing What We Have Learned in the Conspirare Youth Choirs

Nina Revering & Rick Gabrillo
Conspirare Youth Choirs
Hosted by Kegerreis Scholar Kelly Perkins



Marriott Liberty Ballroom C

Thursday, February 11, 12:56 PM



Ask an Engineer *Restaurant Picks*

Peter Worrest Recommends

Morimoto – 723 Chestnut Street

Geno's Steaks – 1219 South Ninth Street

Pat's King of Steaks – 1237 East Passyunk Avenue

Alma de Cuba – 1623 Walnut Street



Thursday, February 11, 12:58 PM



face2face 10:00 am to 12:00 pm

Chat privately with prestigious conductors, clinicians, and composers. *Sign up for specific appointment times in advance at the Registration Desk.*

Marriott Franklin Hall 5 & Meeting Rooms 401, 402

Thursday, February 11, 12:58 PM

Thursday Afternoon

Welcome



Thursday, February 11, 4:31 PM



Today's Schedule

The Registration Desk is open
from 7:30 am to 5:00 pm

The Exhibit Hall is open
from 8:00 am to 12:00 pm
and 1:00 pm to 6:30 pm

Thursday, February 11, 4:31 PM



Today's Events

1:00 pm

What the World Needs Now

Finding the Clarity, Courage and Conviction to be a
Choral Artist

Craig Hella Johnson and *Conspirare: Company of
Voices*

Marriot Liberty Ballroom A-B

Thursday, February 11, 4:32 PM



Today's Events

1:00 pm

Concert:

Nittany Valley Children's Choir Concordia Singers
Lou Ann Shafer, conductor

Keystone State Boychoir
Joseph P. Fitzmartin, music director and
Steven M. Fisher, associate music director

First Baptist Church

Thursday, February 11, 4:32 PM



Today's Events

1:00 pm

Singing in Hebrew: Yes We Can!

Joshua R Jacobson, Northeastern University and
Ethan Nash, Glastonbury High School

Hosted by Daniel Abraham Maryland/DC State President;
American University

Marriott Liberty Ballroom C

Thursday, February 11, 4:32 PM



Today's Events

1:00 pm

Repertoire Forum

Multi-Cultural II, SAB/SATB

Music appropriate for mixed voices of all ability levels

Marriott Franklin Hall 2-3

Thursday, February 11, 4:32 PM



Today's Events

2:30 pm

Concert

Roxbury High School Classic Sounds Honors
University of Toronto MacMillan Singers

First Baptist Church

Thursday, February 11, 4:32 PM



Today's Events

2:30 pm - 5:00 pm

Men in the Middle

Terry Barham shares strategies for working with the
changing male voice

Assisted by the Men in the Middle Workshop Choir

Arch Street Presbyterian Church

Thursday, February 11, 4:32 PM



Today's Events

2:30 pm

Repertoire Forum Children's Choir III, SA/SATB

Music written for children's choir joined by a mixed
choral ensemble

Marriott Franklin Hall 2-3

Thursday, February 11, 4:32 PM



Today's Events

2:30 pm

Singing in the African American Tradition - The Power of Sing

Ysaye M. Barnwell, Sweet Honey in The Rock

Hosted by Christie McKinney

This session is repeated on Friday at 2:30 pm

Marriott Liberty Ballroom C

Thursday, February 11, 4:32 PM



Today's Events

4:00 pm

19th Century Performance Practice What Did Brahms Hear?

William Weinert and Deanna Joseph,
Eastman School of Music
Assisted by the University of Toronto
MacMillan Singers, Doreen Rao, conductor

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

Marriott Independence Ballroom

Thursday, February 11, 4:32 PM



Today's Events

4:00 pm

Repertoire Forum Mixed Voice Repertoire I, SAB/SATB

Music appropriate for all singers in
introductory mixed choir experiences

Marriott Franklin Hall 2-3

Thursday, February 11, 4:33 PM



Today's Events

4:00 pm

Teach a Child to Read
The Recipe for a Lifelong Relationship with
Music

Elaine Quilichini, Calgary Girls Choir
Hosted by Patricia Joyce, NJ State President-Elect

Marriott Liberty Ballroom C

Thursday, February 11, 4:33 PM



Today's Events

3:30 pm - 5:30 pm

Undergraduate Choral Conducting Master
Class

Joe Miller of Westminster Choir College of Rider University works
interactively with conductors on gesture, communication,
listening strategies and rehearsal technique

Marriott Liberty Ballroom A

Thursday, February 11, 4:33 PM



Today's Events

4:00 pm

Concert

Heritage Signature Chorale

Stanley Thurston, conductor

Northern Harmony

Larry Gordon and Patty Cuyler, directors

First Baptist Church

Thursday, February 11, 4:33 PM



Tonight's Events

Exhibitor Happy Hour, 5 - 6:30 pm

Wanamaker Organ Recital, 5:30 - 6 pm

Honor Choir Rehearsals, 7 - 9:30 pm

Student Member Reception, 10 pm - 12 am

Concert, 8 pm

Community Sing with Ysaye M Barnwell

Conspirare: Company of Voices

Craig Hella Johnson, conductor

Thursday, February 11, 4:33 PM

Friday Morning

*Welcome to the 2010
ACDA Eastern Division Conference*



Friday, February 12, 4:40 PM



Cancellation

**All of Ysaye Barnwell's sessions
have been cancelled.**

Friday, February 12, 4:40 PM



Rescheduling

**The York County Junior Honors Choir
has been rescheduled to:**

Saturday, 2:30 pm

First Baptist Church

Friday, February 12, 4:40 PM



Rescheduling

**The Rhode Island Children's Chorus
Chamber Choir
has been rescheduled to:**

Friday, 2:00 pm

**Church of St. Luke and the
Epiphany**

Friday, February 12, 4:40 PM



Today's Schedule

The Registration Desk is open
from 7:30 am to 5:00 pm

The Exhibit Hall is open
from 8:00 am to 12:00 pm
and 1:00 pm to 6:30 pm

Friday, February 12, 4:40 PM



Ask an Engineer *Exhibit Hall*

Be Sure to visit the
WPI Exhibit booth.

Workstations available to check email

Answer a survey, and be
entered in a raffle for an iPod Shuffle or Nano!

Friday, February 12, 4:40 PM



Honor Choir Rehearsals

9:00 am

All honor choir rehearsals
are open to observers

Children: Courtyard Grand Ballroom
Men: Marriott Grand Ballroom Salon E
Women: Marriot Grand Ballroom Salon G
Jazz: Marriot Franklin Hall 8-9

Friday, February 12, 4:40 PM



Concert

9:00 am

Vassar College Women's Chorus
Christine Howlett, conductor

Saint Thomas Choir of Men and Boys
John Scott, conductor

Hosted by Mark Zeigler,
New York State President

The Church of St. Luke and the Epiphany

Friday, February 12, 4:41 PM



Ask an Engineer *Restaurant Picks*

Cassandra Cruz Recommends

Hard Rock Café – 1131 Market Street
(215) 238-1000

Chris' Jazz Café – 1421 Sansom Street
(215) 568-3131

Sole Food – 1220 Market Street
(215) 568-7300

Melting Pot Restaurant – 1219 Filbur Street
(215) 922-7002



Friday, February 12, 4:41 PM



Repertoire Forum 9:15 am

“The Best of the East for the Middle School Beast”

Middle School/Junior High I

Music by composers from the Eastern Division

Marriott Franklin Hall 2 - 3

Friday, February 12, 4:43 PM



Ask an Engineer *Restaurant Picks*

Joseph Baker Recommends

Melting Pot Restaurant – 1219 Filbur Street
(215) 922-7002

10 Arts – 10 Avenue of the Arts
(215) 523-8273

Maggiano's Little Italy – 1201 Filbur Street
(215) 567-2020

Hard Rock Café – 1131 Market Street
(215) 238-1000



Friday, February 12, 4:43 PM



Interest Session 9:15 am

Wedding in Shiraz Middle Eastern Songs for the Western Choir

Hosted by Richard G. Nickerson,
Maine State President

Marriott Independence Ballroom

Friday, February 12, 4:43 PM

*Welcome to the 2010
ACDA Eastern Division Conference*



Friday, February 12, 4:44 PM



Ask an Engineer
Restaurant Picks

Nicholas Stone Recommends

- Rick's Steaks – 200 South Broad Street
(267) 519-9253
- Express Breakfast and Lunch –
1500 John F Kennedy Boulevard
- DelFrisco's Steakhouse – 1426 Chestnut Street
- Le Castagne – 1920 Chestnut Street



Friday, February 12, 4:44 PM



face2face 10:00 am to 12:00 pm

Chat privately with prestigious conductors, clinicians, and composers. *Sign up for specific appointment times in advance at the Registration Desk.*

Marriott Franklin Hall 5 & Meeting Rooms 401, 402

Friday, February 12, 4:44 PM



Ask an Engineer *Restaurant Picks*

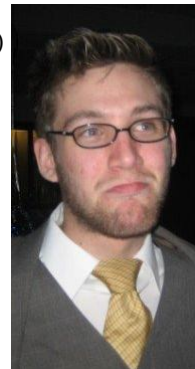
Nicholas Stone Recommends (part II)

Tre Scalini – 200 South Broad Street

Morimoto – 723 Chestnut Street

Alma de Cuba – 1623 Walnut Street

Le Bec Fin – 1523 Walnut Street



Friday, February 12, 4:44 PM



Concert 10:45 am

Mansfield University *Mansfieldians*
Sheryl Monkeliën, director

Sheperd Hill Regional High School *Fantasy*
Connie Vanco Galli, conductor

Hosted by Lisa Larsen,
Eastern Division Show Choir R&S Chair

Terra Hall, Caplan Center Recital Hall

Friday, February 12, 4:44 PM



Ask an Engineer *Restaurant Picks*

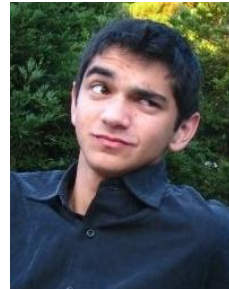
Ravi Raval Recommends

Le Bec Fin – 1523 Walnut Street

Paloma – 6516 Castor Avenue

Amada – 217 Chestnut Street

Bindi – 105 South Thirteenth Street



Friday, February 12, 4:44 PM



Repertoire Forum

10:45 am

Children I, Unison-SA

Music for young treble
singers in introductory experiences

Marriott Franklin Hall 2 - 3

Friday, February 12, 4:44 PM



Research Session

10:45 am

Just a Click Away

Public Domain Choral Music at the
Library of Congress

Melinda O'Neal,
National ACDA Research & Publications Committee
Hosted by John F. Delorey,
Eastern Division Technology Project chair



Marriott Liberty Ballroom C

Friday, February 12, 4:44 PM



Research Session

10:45 am

Strategies For Working with Middle School Voices

Victor V. Bobetsky
Hosted by Virginia Moravek,
Eastern Division Past President

Marriott Liberty Ballroom A

Friday, February 12, 4:44 PM



Ask an Engineer *Restaurant Picks*

Peter Worrest Recommends

Morimoto – 723 Chestnut Street

Geno's Steaks – 1219 South Ninth Street

Pat's King of Steaks – 1237 East Passyunk Avenue

Alma de Cuba – 1623 Walnut Street



Friday, February 12, 4:45 PM



Interest Session

10:45 am

That Sound!!!!!!



More than an open rehearsal

Jerry Blackstone, University of Michigan
Hosted by Judith Nisocia,
Eastern Division Newsletter Editor

Marriott Grand Ballroom Salon E

Friday, February 12, 4:45 PM



Interest Session

10:45 am

Earthquake, Wind, Fire...

and a Still Small Voice

Finding a Word in Today's Many Voices



Tim Sharp, ACDA Executive Director
Hosted by Michele Holt, National Past President

First Baptist Church, Education Hall (lower level)

Friday, February 12, 4:45 PM



Interest Session 10:45 am

“Conspirare” in open rehearsal and demonstration

Craig Hella Johnson and *Conspirare: Company of Voices*




Hosted by David Griggs-Janower,
2010 Conference Committee

Arch Street Presbyterian Church

Friday, February 12, 4:45 PM

Saturday

*Welcome to the 2010
ACDA Eastern Division Conference*



Today's Schedule

The Registration Desk is open
from 8:30 am to 12:00 pm

The Exhibit Hall is open
from 9:00 am to 3:00 pm

Saturday, February 13, 4:54 PM



Ask an Engineer *Exhibit Hall*

Be Sure to visit the
WPI Exhibit booth!

Workstations available to check email

Answer some questions, and be
entered in a raffle for an iPod Shuffle or Nano!

Saturday, February 13, 4:54 PM



Interest Session 8:00 am

“Walking in the Steps of Greatness”

Join your ACDA friends in a walking tour of the Curtis Institute of Music. See where Leonard Bernstein, Samuel Barber, and Vincent Persichetti studied theory and composition, and where these famed musicians lived when they called Philadelphia "home."

Marriot Market Street Entrance

Saturday, February 13, 4:54 PM



Coffee Klatsch

9:00-10:00 am

Enjoy a complimentary cup of coffee while making your final purchases!

Marriott Franklin Hall

Saturday, February 13, 4:55 PM



Ask an Engineer

Restaurant Picks

Cassandra Cruz Recommends

Hard Rock Café – 1131 Market Street
(215) 238-1000

Chris' Jazz Café – 1421 Sansom Street
(215) 568-3131

Sole Food – 1220 Market Street
(215) 568-7300

Melting Pot Restaurant – 1219 Filbur Street
(215) 922-7002



Thursday, February 11, 4:55 PM



Open Rehearsals 9:00 am

Honor Choir Rehearsals

Men-Marriott Grand Ballroom Salon E
Women-Marriott Grand Ballroom Salon G

All honor choir rehearsals are open to observers.

Saturday, February 13, 4:55 PM



Ask an Engineer *Restaurant Picks*

Joseph Baker Recommends

Melting Pot Restaurant – 1219 Filbur Street
(215) 922-7002

10 Arts – 10 Avenue of the Arts
(215) 523-8273

Maggiano's Little Italy – 1201 Filbur Street
(215) 567-2020

Hard Rock Café – 1131 Market Street
(215) 238-1000



Thursday, February 11, 4:55 PM



Award Ceremony 9:45 am

Julius Herford Prize Ceremony

The Julius Herford Prize is awarded annually by the ACDA National Research and Publications Committee to the author of the year's most outstanding doctoral dissertation in choral music.

First Baptist Church

Saturday, February 13, 4:56 PM



Concert 9:55 am

Concert Welcome

Sicut Cervus, Giovanni Pierluigi Palestrina

Conducted by Kevin Leong, 2008 Herford Prize recipient; Harvard University (MA)

Accompanied by Helen Stanley, Gateway Regional High School (NJ)

First Baptist Church

Saturday, February 13, 4:56 PM

*Welcome to the 2010
ACDA Eastern Division Conference*



Ask an Engineer
Restaurant Picks

Nicholas Stone Recommends

Rick's Steaks – 200 South Broad Street
(267) 519-9253

Express Breakfast and Lunch –
1500 John F Kennedy Boulevard

DelFrisco's Steakhouse – 1426 Chestnut Street

Le Castagne – 1920 Chestnut Street



Saturday, February 13, 4:56 PM



Repertoire Forum 10:00 am

Children II SSA/SSAA

Music written for children and youth treble singers

Marriott Franklin Hall 2 - 3

Saturday, February 13, 4:56 PM



Concert 10:00 am

Fiorello H. LaGuardia High School of Music &
Art and Performing Arts Girls Chorus
Audrey Bishop, conductor (NY)

Syracuse University Singers
John Warren, conductor (NY)

First Baptist Church

Saturday, February 13, 4:56 PM



Interest Session

10:00 am

The Girard Academic Music Program (GAMP):
Choral Music in the
Philadelphia Public Schools



Marriott Independence Ballroom

Saturday, February 13, 4:57 PM



Ask an Engineer *Restaurant Picks*

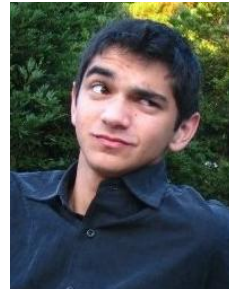
Ravi Raval Recommends

Le Bec Fin – 1523 Walnut Street

Paloma – 6516 Castor Avenue

Amada – 217 Chestnut Street

Bindi – 105 South Thirteenth Street



Saturday, February 13, 1:45 AM



Interest Session

10:00 am

Demystifying the Adolescent Choral Student

Bridget Sweet, Bucknell University (PA)

Marriott Liberty Ballroom C



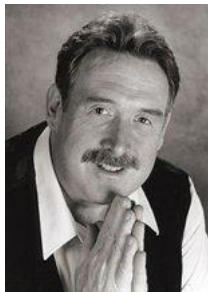
Saturday, February 13, 1:45 AM



Interest Session

10:00 am

The Non-Reading Reading Session



Nick Page, Boston's Mystic Chorale (MA)

Marriott Liberty Ballroom A

Saturday, February 13, 1:45 AM



Ask an Engineer *Restaurant Picks*

Peter Worrest Recommends

Morimoto – 723 Chestnut Street

Geno's Steaks – 1219 South Ninth Street

Pat's King of Steaks – 1237 East Passyunk Avenue

Alma de Cuba – 1623 Walnut Street



Saturday, February 13, 1:45 AM



face2face 10:00 am to 12:00 pm

Chat privately with prestigious conductors, clinicians, and composers. *Sign up for specific appointment times in advance at the Registration Desk.*

Marriott Franklin Hall 5 & Meeting Rooms 401, 402

Thursday, February 11, 1:45 AM



Interest Session

10:00 am

Topics in Twentieth and Twenty-first Century Choral Music

*Effective Programming: An Examination of Contemporary American
Women Composers*

Jennifer Kelly, Lafayette College

Sacred Choral Music in the Soviet Regime

Andrea Goodman, Cantilena Chamber Choir

Marriott Grand Ballroom Salon A-B

Saturday, February 13, 1:45 AM



Interest Session

10:00 am

Making your Case:

Data on How Children, Adults and Communities Benefit from Choruses

Chorus America presents the results of The Chorus Impact Study in an interactive format that will leave you with new tools and energy to communicate the value of choruses in your own schools, colleges, and communities.



Arch Street Presbyterian Church Chapel

Saturday, February 13, 1:46 AM





Concert 11:30 am

Eastern Division Children's Honor Choir

Elaine Quilichini, conductor
Calgary Girls Choir (BC)

Church of the Holy Trinity, Rittenhouse Square

Saturday, February 13, 1:46 AM



Repertoire Forum 11:30 am

Men
TB/TTBB

Music appropriate for high school, collegiate, and
community male choirs of all experience levels.

Marriott Franklin Hall 2 - 3

Saturday, February 13, 1:46 AM



Concert 11:30 am

Wheatland Chorale
Robert Upton, conductor (PA)

Handel Choir of Baltimore
Melinda O'Neal, conductor (MD/DC)

Arch Street Presbyterian Church

Saturday, February 13, 1:46 AM



Interest Session 11:30 am



Choral Repertoire: The Gateway to Sightsinging



This session will emphasize the importance of employing high-quality literature as a vehicle for developing sight-singing. Using diverse resources and classroom-proven procedures, methods to make sight-singing affordable, applicable, and enjoyable will be shared.

Matthew Swope and Sherlee Glomb, Winter Park High School (FL)

Marriott Liberty Ballroom A

Saturday, February 13, 1:46 AM



Interest Session

11:30 am



Conducting Recitative: A Guide for Conductors

Ann Howard Jones and Scott Allen Jarrett
Boston University (MA)



Marriott Liberty Ballroom C

Saturday, February 13, 1:46 AM



Interest Session

11:30 am

"Lift Ev'ry Voice and Sing"-- Reaching ALL Children Through Choral Music Education



Judy Hanson and Josephine Lee
Chicago Children's Choir (IL)



Marriott Independence Ballroom

Saturday, February 13, 1:47 AM