

Millersville using Composting to “go green”

In the hopes of improving public awareness of the University’s “going green” movement, Millersville’s Dining and Conference Services has partnered with Oregon Dairy Organics and Edie Waste Systems to develop an organic-waste, recycling program to benefit the University and our environment.

What happens at Millersville is the trash that is picked up goes to the Lancaster Transfer Station and eventually to the landfill. The organic waste that is picked up, which will eventually become compost, is picked up by Edie Waste Systems and delivered to Oregon Dairy Organics to be turned into compost.



Oregon Dairy Organics is a composting project that benefits local townships, citizens, farmers and water quality by producing high-quality compost for athletic fields, parks, turf operations and more.

This composting project includes Gordinier Dining Hall and has hopes to soon include all of the University dining services at Millersville. Dining services hopes to recycle more than 70 percent of the current organic waste into useful organic compost, resulting in more than 30 tons of waste being recycled per year to keep out of landfills. Before the University started the composting system, all trash went to the landfill; now only about 10 percent of the trash goes to the landfill.

Currently, the University is charged \$78 per ton of trash. These costs are expected to rise over the next several years with increases in fuel costs and landfill charges. By recycling, costs will reduce to \$40 a ton, saving money for the University.

“I am really excited because it is something the University can do to help the environment,” said Gerry Shehan, associate director of student dining. “We hope to educate our students about all of our sustainability efforts in University Dining and at the University.”

Eventually the state will most likely force all institutions to compost material. Until that time, Millersville University will be one of a very select group of universities in the country that has a composting program.

MU Professor Takes on Vector-Borne Disease Project

Thanks to a \$250,000 [National Science Foundation \(NSF\)](#) grant we may soon know how climate change will impact our risk of malaria and dengue fever. Dr. Kathleen Schreiber, professor of geography at Millersville University, received the grant from the NSF sponsored Vector-Borne Disease Project to measure how environmental temperature change influences the transmission and disease risk of the two diseases.

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There are two climate models used in the project: The downscaling model, which produces the localized temperature projections and the epidemiological model. Schreiber says that when the two are mixed together, researchers can predict the risk of infection in the future. “Temperature affects the biting rate of mosquitoes and the incubation of parasites,” said Schreiber. “With a higher temperature, for example, malaria incubation in the mosquito does not take as long. Therefore, the mosquito is more likely to become infected before dying and transmitting the disease to others.”



The project will generate information that explains the influence of climatic factors on the distribution and dynamics of malaria and dengue, the two most significant vector-borne diseases globally. That information can then be used to let people know of the links between climate and disease and develop practices for prevention, control and adaptation. The focus on these two diseases will provide insight to others such as West Nile and Eastern Equine Encephalitis.

Schreiber’s \$250,000 grant is part of a larger \$1.9 million NSF grant to Penn State University. She is collaborating with Penn State researchers to evaluate the effect of realistic temperature variation on processes that determine disease transmission intensity, both now and under climate change projections. Schreiber’s research focuses on improvement of downscaling technologies to improve the accuracy of future temperature estimates at the regional-to-local levels for climate impacts analysis.

Downscaling is a procedure to take global-scale temperature projections and modify it to more accurately give a temperature value for a particular place. The temperature results are combined with land-use change and biological data to develop models that capture the effects of environmental temperature on disease dynamics over time.

At Millersville, Schreiber teaches a variety of environmental courses that include climate concepts. “Climate and Society” investigates climate impacts on human health, agriculture and the built environment. “I am making students in my classes aware of the project and all that it entails,” said Schreiber.

Life of a Slave Girl

Millersville University Cultural Affairs presents The American Place Theatre's Literature to Life stage presentation of *Incidents in the Life of a Slave Girl*, by Harriet Jacobs, performed by Cherita Armstrong and adapted and directed by Wynn Handman, February 4 and 5. Performances are recommended for ages 13 and up.

This Literature to Life original, adapted in 2006, was commissioned by and premiered at The New York Historical Society. The show features fifty minutes of



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verbatim performance. The author is the protagonist in this solo piece, which illuminates in shocking fashion the traumas of slavery, particularly for women and children. The stage adaptation culminates in Harriet Jacobs' powerful and moving experiences during the seven years she spent hiding in The Loophole, a crawl space in her grandmother's attic.

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Performance: 7 p.m., Lehr Dining Room, Gordinier Hall, Millersville University. There will be a 15 minute pre-show interactive discussion, a one hour performance, followed by a 15 minute post-show discussion.

Residency Session: 2 p.m., Dutcher Hall, 2nd floor Studio Theatre. Open to all students, faculty and the public.

Social Studies Focus - Students will have the opportunity to step back in time to explore the historical, cultural and social context of significant literature from a personal point of view. The workshop will use the performance and text of The American Place Theatre's adaptation of Harriet Jacobs, *Incidents in the Life of a Slave Girl* as the source material for exploration. Students will foster a deep understanding of the impact of historical events on the lives of the individuals who experienced them. Students will develop a lasting impression of the human face of history and how literature reflects those important stories.

If you would like to attend the workshop, please RSVP to Tina.Stout@millersville.edu or 717-872-3712, seating is limited.

February 5, 2011

Performance: 3 p.m., Steinman Hall, Millersville University-Lancaster, 42 N. Prince St., Lancaster. There will be a 15 minute pre-show interactive discussion, a one hour performance, followed by a 15 minute post-show discussion.

Residency Session: 1 p.m., Binns Room, Millersville University-Lancaster, 42 N. Prince St., Lancaster. Open to all students, faculty and the public.

Theatre as a Cross-Curricular Tool - This workshop explores the unique ability of drama-in-education techniques to be used as a catalyst for learning across the curriculum. The workshop will introduce educators to tools which can help their students make personal connections to the curriculum and explore subjects in a kinesthetic way. The workshop will use the performance and text of The American Place Theatre's adaptation of Harriet Jacobs, *Incidents in the Life of a Slave Girl* as the source material for exploration. Examples of subject specific themes:
HISTORY: Bringing historical documents to life through drama. **ENGLISH:** Exploring literature and personal narrative through written and oral expression.

If you would like to attend the workshop, please RSVP to Tina.Stout@millersville.edu or 717-872-3712, seating is limited.

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Tickets: FREE for ALL students with ID, but ticket required. Senior Citizens: \$6.00. General Admission: \$8.00.

Tickets are available Monday through Friday, 8 a.m. - 4:30 p.m., at the MU Ticket Office (22 E. Frederick St.) or the MU-Lancaster front desk (42 N. Prince St., Lancaster), or by calling 717-872-3811. Tickets are also available online, at www.MUTicketsOnline.com. Tickets will also be sold at the door.

Music For Everyone and MU Announce “MFE Scholars” Program

In an effort to enhance school music programs, Music For Everyone (MFE) will provide a new scholarship opportunity for music education students at Millersville University.



The purpose of the scholarship is not only to provide future music teachers an opportunity to gain real life teaching/learning experience, but to also provide mentors to young students. Future music teachers at Millersville who receive the award will be required to work alongside teachers in Lancaster’s public schools.

“Millersville University music majors will learn valuable pedagogical lessons from Lancaster city music teachers, who have graduated from Millersville’s music department. This collaborative learning model greatly boosts the

music development of children in the school district of Lancaster,” said Dr. Mícheál B. Houlahan, chairperson and professor in Millersville’s music department.

“It’s a win-win situation for both students and teachers in Lancaster’s public schools as well as Millersville University students,” said Dr. John Gerdy, president of MFE.

MFE is a non-profit charitable organization dedicated to raising awareness and resources to strengthen the role that music plays in schools and communities. Traditionally, MFE has worked to raise money to provide grants – \$180,000 since 2006 – to schools and community arts groups largely for instruments and repairs.

“You can provide a class of 40 students with brand new instruments. But if there is only one teacher in the room, the potential of those instruments to change lives is diminished,” explains Gerdy. “Realizing this, we wanted to begin to address this ‘mentoring gap.’ If this initial \$5,000 investment bears fruit, we will look to expand the program in the future.”

For more information on the MFE Scholarship Program, contact Millersville’s music department, at 717-871-3357 or Gerdy, at 717-871-1710. To learn more about Music For Everyone, visit MusicForEveryone.net.

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Spring 2011 Biology Colloquium

The Millersville University biology department has announced the schedule for the spring 2011 Biology Colloquium series.

All lectures will be held Wednesdays from 4 p.m. - 4:50 p.m. in Caputo 210. Lectures are free and open to students, faculty and staff. Light refreshments will be served. The colloquium is an opportunity to interact with outstanding scientists from across the country.



Lectures for the month of February include:

- Feb. 16, “Colonial History Meets 21st Century Ecology: Factors Influencing Salamanders in Lancaster County,” given by Dr. David Bowne from Elizabethtown College.
- Feb. 23, “Habitat Restoration for an Imperiled Butterfly,” given by Ms. Julie Eckenrode from Pennsylvania State University.

For more information, contact Dr. John Wallace, biology, at John.Wallace@millersville.edu, or visit the [biology colloquium series website](#).

The University Research Newsletter



The University Research Newsletter which is produced by three University Honors College students and Dr. Dennis Downey, director of University Honors College, provides a general overview of scholarly research conducted at Millersville University. An interview with the students and Downey can be viewed here: <http://www.youtube.com/watch?v=4VJXTGgmo9c>.

In the newsletter, readers will find regular features, columns and a commentary page. Information about grants and other resources dedicated to promoting faculty and student-faculty collaborative research are also featured. Click to view the first edition of [The University Research Newsletter](#).

Tickets to Millersville Events Easy to Find

This spring, the list of campus events is endless; musical performances, sporting events and informational sessions are all making their way through Millersville University and Millersville University-Lancaster.

Tickets for all Millersville and [MU-Lancaster](#) events can be purchased online at www.MUticketsonline.com. MU Tickets Online allows anyone to purchase tickets for current and upcoming events, as well as view purchase prices and locations.

Tickets to events can be purchased at several other locations. Millersville's ticket office is located in Gerhart Hall (22 E. Frederick St.). Ticket office hours are Monday through Friday, 8 a.m.-4:30 p.m.



MU-Lancaster also has a ticket office located at the front desk of 42 N. Prince St. Those office hours are also Monday through Friday, 8 a.m.-4:30 p.m.

Tickets for any Millersville and MU-Lancaster events can be purchased at either of these locations.

Tickets can also be purchased by calling the ticket office at 717-872-3811.

Tickets to sporting events are free at the door for students, faculty and staff with a MU ID and are not available online.

Think Spring – And Daffodils



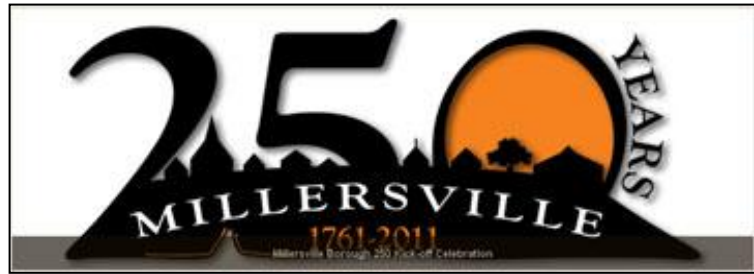
The Millersville University Business Association (MUBA) will once again support the American Cancer Society's annual "Daffodil Days," on campus. Faculty and staff can place orders through any MUBA member or by contacting Anna Stauffer, purchasing, by email, at Anna.Stauffer@millersville.edu or by phone, at ext. 3041. **Order deadline date is Friday, February 18.** Campus pick-up in the purchasing department will be

Wednesday, March 16. Items to choose from include a bunch of daffodils @ \$10, Vintage Vase & bunch @ \$15, Boyd's Bear (Liv N. Hope) & bunch @ \$25, and pot of mini-daffodils @ \$12.

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Millersville 250 Kick-Off

The Millersville 250 committee announces a special kick-off evening community celebration to be held at Pucillo Gymnasium, Millersville University, Saturday, February 26, at 7 p.m. In honor of the year-long 250th anniversary, of one of the oldest boroughs in Lancaster



County, “Dancing through the Decades” will include food and beverage, a ballroom exhibition and dancing (music by Smooth as Silk), fireworks, period clothing fashion, a historical photo display and a special cake made by Carlos’s Bakery of Hoboken, N.J., aka TV’s TLC’s The Cake Boss and a scheduled guest appearance.

Dress is business casual. Price is \$50 per person. Tickets can be purchased weekdays by calling the ticket office, at 717-872-3811 or online, at <http://www.MUticketsonline.com/>. Reservation deadline is February 14. All events are open to the public. During 2011, 16 events are scheduled in the Millersville community. For more information on Millersville 250 events and apparel, visit <http://www.millersville250.org/>.

MU Welcomes Rocco Piscatello

Rocco Piscatello, founder and principal of Piscatello Design Centre will be at Millersville University, Wednesday, March 16, at 7 p.m., in Myers Auditorium of McComsey Hall to discuss his work and design. Piscatello is Millersville’s Conrad Nelson visiting artist this year.



Piscatello is responsible for leading a team of graphic designers that create globally integrated brand identity systems, environmental graphics and interactive media for clients and cities around the world. He was formerly a project director at Vignelli Associates where he collaborated with several international clients including the American Center in Paris, American Academy in Rome, Benetton, Guggenheim Museum, Frank Gehry and Partners, Richard Meier and Partners, Museum of Fine Arts, Houston, Sea Containers and Warner Bros.

Piscatello has received several design awards and his work is represented in the permanent collections of the Library of Congress in Washington, D.C., and the Denver Art Museum, both as part of the American Institute of Graphic Arts, AIGA, National Design Archives. Piscatello teaches advanced typography and environmental graphics at the Fashion Institute of Technology.

This event is free and open to the public. For more information, please visit [Millersville’s website](#).

Day of Percussion at Millersville University - Lancaster



Millersville's music department and the Pennsylvania Chapter of the Percussive Arts Society are co-sponsoring, a Day of Percussion, March 18 and 19, at Millersville University - Lancaster, 42 N. Prince St., Lancaster.

The event begins Friday, March 18, with a 7:30 p.m. concert featuring two internationally recognized percussion duos, Loop 243 and Marassa.

Registration for clinics and sessions takes place Saturday, March 19, from 9:30 a.m. - 10 a.m., followed by morning educational sessions on Brazilian music with Jorge Sacramento and marimba with Nick Papador.

Saturday afternoon includes a festival of regional percussion ensembles from 1 p.m.-3:30 p.m., featuring percussion ensembles from Millersville University, Juniata College, Lancaster Catholic High School, Mannheim Township High School, Ephrata High School and the Pennsylvania Academy of Music. Internationally renowned drum set artist Billy Ward will present from 4 p.m. - 5:30 p.m.

The event concludes Saturday evening with a 7:30 p.m. Gala Concert featuring Jorge Sacramento, Nicholas Papador, Overdekte Brug Percussive Trio and Billy Ward, with an all star ensemble of percussionists.

A wide variety of music cultures will be represented at this event including traditional concert music, world music, mallet percussion, jazz and contemporary classical music. Cultures of Afro-Caribbean and West African folkloric background Haitian Vodou tradition, North American popular music contemporary classical music and Far Eastern traditions will be showcased.

All events take place at MU-Lancaster. Tickets are required for the two evening concerts. Tickets cost \$10 and may be purchased at Gerhart Hall (22 E. Frederick St.) or by calling the Ticket Office at 717-872-3811, online at www.MUTicketsOnline.com and at Millersville University - Lancaster. For more information, contact Dr. Daniel M. Heslink, at 717-872-3455.

Summer Trip to Peru

On May 23, Dr. Christine Filippone, art history, will lead a 10-day trip to Peru for interested travelers. The itinerary includes traveling to Lima, Cuzco, Pisac, Machu Picchu, Puno, Taquile Island and the Uros Islands. Activities during the trip include native-guided sightseeing tours, a cruise on Lake Titicaca, museum and temple visits, hiking excursions, train rides and shopping at local markets.



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Filippone co-organized the trip with the chair of the modern languages department at Immaculata University, Marisa Pereyra, who will function as a co-leader for this trip.

Filippone has co-led two study abroad trips for students at Peace College in Raleigh, N.C.; a trip to Spain in 2006 and a trip to Greece in 2008. She has also traveled to countries in Central and South America including Argentina, Uruguay, Chile and Guatemala, on personal trips.

In her current research, Filippone examines science, technology and utopias in the work of contemporary women artists. She plans to expand her research to include utopian investigations by South American artists and collectives in the 1960s and '70s.

The total cost for students will be \$2,871 and for adults the cost will be \$3,236. For more information about the trip, please contact Filippone by email, at Christine.Filippone@millersville.edu by phone, at 717- 872-3912 or go to Explorica.com (click "Students," "Find a tour" and enter the tour center ID: Filippone-8033).

Faculty and Staff Activities



Dr. Ximena Catepillan, mathematics, gave a presentation "A First Year Experience Seminar" at the Joint Mathematics Meetings in New Orleans, January 2011.

Dr. Abdelhadi Halawa, wellness and sport sciences, has completed a peer review of two grant research proposals. The first one was for the Undergraduate Research Experience Program (UREP) titled "Consanguinity, short inter-pregnancy interval and risk of low-birth weight in the State of Qatar." The second one, titled "Metabolic Syndrome in Patients Receiving Antipsychotics in the Gulf Population" was for The National Priorities Research Program (NPRP). UREP and NPRP are the largest research grant funding agencies of the State of Qatar National Research Funds (QNRF). The two grant proposals were presented by researchers from Turkey and Lebanon respectively. The UREP study will employ three undergraduate students as co-researchers from the Weill Cornell Medical College in Qatar. The mission of QNRF is to encourage and advance knowledge and education by supporting original, competitively selected

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research by providing grants ranging from \$20,000 up to \$350,000 per proposal per year in a myriad of research disciplines.

Dr. Carol Heintzelman, social work, had her book review, "Domestic violence: Intersectionality and culturally competent practice" published electronically in *Families in Society: The Journal of Contemporary Social Services*. The review can be accessed at www.FamiliesinSociety.org/BookReviews.asp.

Dr. Changfu Chang, communication and theatre, was among the seven faculty from the department who shared their scholarship at the 96th National Communication Association Convention in San Francisco, Calif., in November. Chang presented on the panel titled "US-China Relations and Intercultural Communication: Major Issues and Challenges" for the Association for Chinese Communication Studies. **Dr. Stacey Irwin** presented her paper titled "The Turn to Hermeneutic Phenomenology for the Scholar and Writer" in the Philosophy of Communication Interest Division. **Dr. Greg Paul** presented "When Groups Go Bad: How Public Relations Faculty members Prepare Students for Group Work and Group Conflict in the Public Relations Campaigns Course," a paper co-authored with **Dr. Theresa Russell-Loretz**, and student Stacey Dill, and "Forgiveness at Work: Exploring the Moral Foundations of Forgiveness in the Workplace," co-authored with Linda Putnam, UC Santa Barbara. Russell-Loretz also presented a paper titled "Building Bridges Through Collaboration: Configurations that Inspire Best Practices in Public Relations Research and Education," in the Experiential Learning in Communication and in the Scholar to Scholar session titled "A Scholar to Scholar Roundtable: From Interpretational to Academic Divisions: Examining and Proposing Necessary Bridges to further the Ideas, Activism and Contributions of Feminism." She also presented her paper, "The Case of the Women's Narrative Group at Millersville University Using Primary Source Material as an Interdisciplinary Bridge." **Dr. Lisa Schreiber** presented her paper "Bridging the Divide: Speech Expertise and Assessment Issues" in the Communication Assessment Division and "Building Bridges Between Spirituality and Health" in the Spiritual Communication Division. She also presented a paper titled "A Metaphysical Model of Human Communication: Lessons from a Holistic Healing Community" in the Cultural Studies Division. **Dr. Jennifer Wood** acted as chair for a panel titled "Interrogating Race and Privilege as Public Pedagogy" in the Critical and Cultural Studies Division and a respondent for "The Power of Perry: An Examination of Tyler Perry's Mediated Representations of Race in Film" in the African American Communication and Culture Division.

Retired faculty

Dr. Dennis Denenberg, retired from the School of Education, spoke January 17, in Bedford, Texas, giving two Hooray for Heroes presentations. He will also speak at a Teaching American History grant event in Woodbury, N.J., Feb. 25 and 26. Denenberg is also planning an ebook release of *50 American Heroes Every Kid Should Meet* this spring and he is continuing his as a monthly columnist for Cobblestone Magazine. His column is titled "Dr. D's Mystery Hero."

Who Makes Millersville Special

This issue of the Exchange features Janet White, associate professor and assistant chair for Millersville University's mathematics department.



Q: Where are you from?

A: I am originally from a small town in N.E. Ohio, Rock Creek. After that, I lived in Harford County, Md. for 14 years before moving to Lancaster.

Q: Where were you educated?

A: I received my bachelor's degree from Grove City College, in Western, Pa.; my master's degree from Millersville and my Ph. D. from American University in Washington, D.C.

Q: Can you list some of your teaching experiences?

A: I am in my 23rd year of teaching: Eleven years teaching high school mathematics, in Harford County, Md.; followed by three years teaching mathematics at Villa Julie College (now Stevenson University), outside Baltimore and now I am in my ninth year teaching at Millersville.

Q: As assistant chair person for mathematics, what are your core responsibilities?

A: I serve "at the pleasure of the chair and the department." That being said, mainly I work with the department chair on scheduling of classes and "other duties as assigned and needed!"

Q: As graduate program coordinator, what are your core responsibilities?

A: I work with my colleagues to review graduate applications, and graduation applications. I advise the graduate students who are also seeking Post-Baccalaureate Certification in secondary mathematics. As coordinator, I also serve as the chair of our department's graduate curriculum committee. This includes trying to make sure our graduate offerings are current, meet student and faculty needs, and satisfy accreditation standards.

Q: What classes do you teach at Millersville?

A: Primarily, I work with mathematics education courses including the "Teaching of Secondary Mathematics Methods" course, and the content courses for elementary and middle level education majors, as well as graduate courses in mathematics education as part of our M.Ed. program. I also enjoy teaching introductory statistics, pre-calculus, survey of mathematical ideas, calculus and business calculus when time permits.

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Q: What do you love about teaching at Millersville?

A: The students. Whether or not they like mathematics, I always feel like they are interesting people with a great deal to offer in class. Of course, one of my goals is to get them to LOVE math, but that doesn't always happen.

Q: I know you do something with student teachers. What does this entail?

A: A lot of driving! In the spring, I will have 12 student teachers in eight schools, in three counties! I will observe each student teacher a minimum of six times and meet with them and their cooperating teachers at least three additional times. It is a wonderful opportunity to get out into schools and to stay current with the trends in local secondary education. It is also very rewarding to watch new teachers grow into their roles as educators.

Q: When did you begin presenting at workshops?

A: In the summer of 2003.

Q: How many have you done?

A: Off the top of my head, I don't know, but they are great ways to interact with current teachers and to provide them with practical skills and information that they can immediately put into place in their own classrooms.

Q: Have you travelled anywhere interesting for a math workshop?

A: No, but I have gotten the opportunity to travel across the country to some great cities for national conference presentations.

Q: Could you list some of your professional affiliations?

A: National Council of Teachers of Mathematics, Association of Mathematics Teacher Educators, Mathematics Association of America, American Mathematical Society, American Statistical Association and their Pennsylvania affiliates.

Q: Did you always know you were going to be a math teacher/professor growing up?

A: If I had listened to my 4th grade teacher, yes; however, for a long time, I thought I would be an accountant or a computer programmer. In my senior year of high school I was sure I wanted to teach; from there, I simply had to decide what level and what subject matter. Education can get in your blood and you cannot get it out!

Q: Why do you love math so much?

A: I think it's the logic as well as the mystery. It's about problem solving and I've always loved a good puzzle.

Q: Do you typically find yourself using math formulas on a daily basis outside of the classroom?

A: Nobody believes me when I say this, but YES! Math really is EVERYWHERE! I frequently find that I MUST share this with my non-math friends☺.

Q: If you did not teach mathematics what subject would you teach?

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A: If I had pursued music formally, I think I would have enjoyed teaching music in some form.

Q: Who is your favorite baseball and football team?

A: Clearly I am not a fair-weather fan, having lived in the Baltimore area for 14 years; my blood runs orange as an Orioles fan. Football, I am a little more fickle, I am currently a Steelers fan (my childhood team was the Miami Dolphins).

Q: What are your hobbies?

A: I enjoy trying to play golf, reading, puzzles, playing Wii and whenever I get back to it...cross-stitching. Other than that, I enjoy watching TV, curled up with my two favorite "boys" – my cats: Simon and Spooky!

Q: What is your favorite book, movie, music?

A: Whatever I'm reading at the moment is often my favorite; a recent favorite was "The Help" by Kathryn Stockton. My book club keeps me reading a lot of great books that I would not normally read, which has been great! My favorite movie recently is "Avatar," which I only saw on DVD; I am also a sucker for Harry Potter. My musical tastes are very diverse, but typically Christian Pop/Rock is playing on my car stereo. I also love Straight No Chaser – if you don't know about this fantastic a cappella group – check them out!