

News•Briefs

YOUNGSTOWN STATE UNIVERSITY

Nov. 22, 2010

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Featured in this week's YSU News Briefs:

- **Students present research at international conference**
- **ODOT official appointed head of CTME**
- **NewsOutlet begins voting for 'Assignment Youngstown'**
- **Dana's annual Carols & Cocoa Dec. 1**
- **YSU BoT sets December meetings**
- **McDonough opens student art exhibit**
- **Women's Club Holiday Luncheon is Dec. 3**

Calendar

Monday, Nov. 22, 8 p.m. The YSU Concert Band and Wind Ensemble are featured in "Musical Metamorphoses" at Stambaugh Auditorium. Tickets are available at the door; \$5 for adults and \$4 for students and senior citizens; admission is free with a YSU ID. For more information, call 330-941-3636.

Wednesday, Nov. 24, 12:15 p.m. Brass Chamber music is featured at a free Music at Noon concert in the Butler Institute of American Art.

Wednesday, Nov 24. Basketball doubleheader in Beeghly Center. The women take on Bucknell at **5:15 p.m.**, followed by the men vs. Toledo at **7:35 p.m.** For more information, visit www.ysusports.com.

Thursday, Nov. 25. Thanksgiving Day.

Saturday, 1 p.m., 2:30 p.m. and 8 p.m. YSU's Ward Beecher Planetarium shows "STARS." Free. For more information, visit <http://www.wbplanetarium.org/>.

Saturday, Nov. 27. Basketball doubleheader in Beeghly Center. The women play Ohio University at **4:35 p.m.**, followed by the men vs. St. Francis (Pa.) at **7:05 p.m.**



YSU seniors Dana Strollo, left, and Lauren Furnkase present their research on pulmonary rehabilitation at the American Association for Respiratory Care International Respiratory Congress in December. Read about their research in this edition of YSU News Briefs.

Students present research at international respiratory conference

Two Youngstown State University students are presenting their research at an international respiratory care conference in Las Vegas in December.

Dana Strollo and Lauren Furnkase, both seniors studying respiratory care, will be among professionals, physicians and Ph.D.s in the field from all over the world at the 56th American Association for Respiratory Care International Respiratory Congress.



Lauren Furnkase



Dana Strollo

The YSU students are participating in the four-day conference's Open Forum symposium to discuss "Effect of Signal Loss on Respiratory Rate Recording with a Clinical Oxygen Dose Recorder." The presentation details their analysis on patient oxygen needs during pulmonary rehabilitation.

Strollo and Furnkase's study is an extension of faculty research conducted by Teresa Volsko, director of the YSU Respiratory Care and Polysomnography programs and assistant professor of Health Professions; Kate Tessmer, assistant professor of Human Performance and Exercise Science; Rachael Pohle-Krauza, assistant professor of Human Ecology and Michele McCarroll, former assistant professor of Human Performance and Exercise Science.

The faculty members looked at oxygen levels of exercising pulmonary rehabilitation patients from St. Elizabeth Hospital in Youngstown. Using the data collected, Strollo and Furnkase then performed laboratory work to study devices that could be used to capture a patient's respiratory heart rate and blood-oxygen saturation level. This information can be used to determine the required oxygen levels of patients during rehabilitation.

Volsko, who acts as the students' faculty advisor, called Strollo and Furnkase's findings "highly significant." She continued, "They give respiratory therapists an idea of how to interpret the data obtained from this particular piece of monitoring equipment—the abstract outlines the reasons why clinicians can't just take the raw values this device provides at face value. The abstract also provides information that is clinically relevant in the pulmonary rehabilitation setting. Therapists can use that information to make changes on how much oxygen they deliver to a patient during the pulmonary rehabilitation session."

Volsko added that the study has "definite potential for development of a full manuscript." The students plan to submit their work to the *Journal of Respiratory Care*.

YSU has one of leading respiratory care programs in the country in terms of the number of students presenting individual or faculty-directed research, said Volsko. The program was profiled in *AARC Times* magazine last year.

ODOT official appointed head of YSU CTME

Joann Iudiciani Esenwein of Lowellville, formerly the capital planning manager at the Ohio Department of Transportation, is the new director of the Center for Transportation and Materials Engineering at Youngstown State University.



Joann Iudiciani Esenwein

The Center, formed in 2006 in the College of Science, Technology, Engineering and Mathematics, is one of only 22 such U.S. Department of Transportation-funded research centers in the nation.

“We are excited to be able to bring an individual of Joann’s caliber to YSU,” said Martin Abraham, STEM dean. “Her background and skills will allow us to become more engaged in transportation research that has a direct impact on the Mahoning Valley.”

Esenwein has 30 years of experience with the Ohio Department of Transportation, including stints as a project engineer, design engineer, consultants contract coordinator, major/new coordinator and, for the last 10 years, capital planning manager. She earned a bachelor’s degree in civil engineering from YSU in 1980, and a master’s degree in business administration from YSU in 2003.

Abraham said the focus of the Center for Transportation and Materials Engineering is on applied research and applications, through the use

of materials engineering and advanced manufacturing to increase the longevity, mobility, and sustainability of the nation’s transportation infrastructure. Currently, the

Center has about 10 ongoing research projects studying issues such as new brake rotors for vehicles, electric vehicle charging stations, vibrations resulting from vehicles entering bridges, and fish passage under bridges.

Abraham said Esenwein will help put the focus of the Center squarely on transportation.

“We would like to become more engaged in the efforts of ODOT to develop the transportation infrastructure in our region,” he said. “It is my hope that she will become engaged with local transportation bodies such as the regional council of governments, WRTA, the Port Authority and the like, so that we can better integrate research into application.”

For more information on the Center for Transportation and Materials Engineering, visit http://web.yosu.edu/contentm/easy_pages/view.php?sid=26&page_id=108.

NewsOutlet begins voting for 'Assignment Youngstown'

Public voting begins this week for "2011: Assignment Youngstown," a project of Youngstown State University's TheNewsOutlet.org that allows citizens to have a voice in deciding what stories and issues matter most to them and to the city.

The NewsOutlet team has assembled plans for six stories it believes should be told and carried by Mahoning Valley media organizations. The story ideas were developed after NewsOutlet staffers, consisting of YSU students, attended community meetings in the city and talked to residents about their concerns and what they are noticing happening in their neighborhoods.

But TheNewsOutlet wants more input and is now launching the next step in its "2011: Assignment Youngstown" project. Citizens can rank the six story packages that TheNewsOutlet has developed. Those rankings will then be tabulated and used to guide which stories are pursued.



Once reported, written and produced, the stories will then be carried by Mahoning Valley media, including *The Vindicator* and WYSU FM – two founding partners of TheNewsOutlet.org. The stories will be made available, free of charge, to any interested media organization, including bloggers or others. The only requirement is that the NewsOutlet be given credit for the work.

Voting is taking place online at www.thenewsoutlet.org as well as on paper at all branches of the Public Library of Youngstown and Mahoning County.

TheNewsOutlet.org, funded by The John S. and James L. Knight Foundation and The Raymond John Wean Foundation, is a joint venture between YSU's journalism program, WYSU-FM, *The Vindicator*, the Mahoning Valley Organizing Collaborative and the Public Library of Youngstown and Mahoning County. Launched in September 2010, TheNewsOutlet.org has produced dozens of stories examining such issues as a malfunctioning city crime watch network, illegal dumping on the City's East Side and life in a drug rehabilitation program.

"The NewsOutlet serves a great purpose for YSU journalism students, media organizations and the community. Students gain valuable experience that will help them when they are looking for permanent positions. The media organizations who pick up our stories get valuable content and most of all, citizens get information that they need in order to make decisions about their lives," said Tim Francisco, co-director of TheNewsOutlet and a journalism faculty member.

Journalism students at YSU, under the direction of Journalism Director Alyssa Lenhoff and Francisco, report and write the stories. Todd Franko, editor of *The Vindicator*, and David Luscher, associate director of broadcasting of WYSU, work closely with the students on story development and editing.

Franko said he believes the work of TheNewsOutlet has already played an important role in the community. Gary Sexton, director of broadcasting at WYSU-FM, said, "Stories from the NewsOutlet allows WYSU-FM to provide its audience with NPR-quality local news stories for the first time in its 41-year history."

Contact Francisco at 330-402-1769/ tfrancisco@ysu.edu or Franko at 330-314-3270/ tfranko@vindy.com.

Dana's annual Carols & Cocoa concert Dec. 1

The Dana School of Music presents the annual holiday music extravaganza, Carols & Cocoa and the Dana Holiday Concert, at 7 p.m. Wednesday, Dec. 1, in Stambaugh Auditorium.

Carols & Cocoa will be performed in Stambaugh's Ballroom and will feature seasonal favorites, culminating in a holiday sing-along. Dana students bring cookies to share, and complimentary coffee and cocoa, sponsored by Sheetz, will be



available. Featured groups are the Trombone Ensemble, directed by Michael Crist; Dana Clarinet Ensemble, directed by Alice Wang; Dana Early Music Ensemble; Dana Flute Ensemble, directed by Kathryn Thomas Umble; University Chorus, Women's Chorus, Dana Chorale, and the Stambaugh Chorus, directed by Hae-Jong Lee.

After a brief intermission, guests are invited upstairs to the Concert Hall where the main concert will present Francis Poulenc's *Gloria* and *The Many Moods of Christmas* arranged by Robert Shaw and Robert Bennett, performed by the Dana Symphonic Choir, Stambaugh Chorus and Dana Symphony Orchestra, conducted by Lee. Guest soloist for *Gloria* will be soprano Misook Yun. The Dana Jazz Ensemble, directed by Kent Engelhardt and Guitar Quartet, directed by Francois Fowler, will perform holiday music with the Dana Brass Quintet and the Dana Chorale.

The Boardman High School Chorale and Singers, directed by Emily Slaven and Errol Kehrberg, and the Stambaugh Chorus will participate as guest performers.

In addition, the Friends of Dana will present its annual Dana Award to local community volunteer Barbara H. Tinkham.

Tickets may be purchased in advance at the Bliss Hall Box Office or with a credit card by phone at 330-941-3105. Tickets also will also be available the evening of the performance. Tickets are \$10 for adults, \$5 for students and senior citizens, and free for children under 12 and those with a valid YSU ID.

YSU BoT sets December meetings

The Youngstown State University Board of Trustees meets on the following schedule:

- **Thursday, Dec. 2 – Noon**, Internal Affairs Committee; **1 p.m.**, External Relations Committee, **2 p.m.**, Finance and Facilities Committee; **3 p.m.**, Trusteeship Committee.
- **Tuesday, Dec. 7 – Noon**, Board Luncheon; **1 p.m.**, Investment Subcommittee; **2 p.m.**, Audit Subcommittee; **3 p.m.**, Academic and Student Affairs Committee; **4 p.m.**, Ad Hoc Subcommittee for Negotiations and Collective Bargaining; **5 p.m.**, Executive Committee.

All committee meetings are in the Presidential Suites on the second floor of Kilcawley Center.

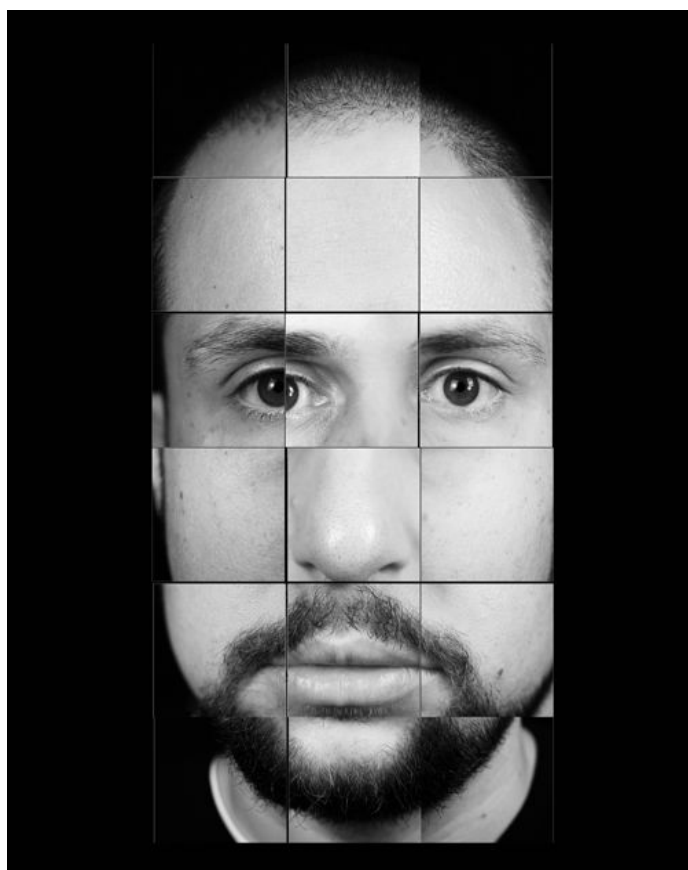
The board's regular quarterly meeting is **3 p.m. Wednesday, Dec. 15**, in Tod Hall on campus.

McDonough opens student art exhibit

Youngstown State University's McDonough Museum of Art opens the Fall Graduating BFA Show with a reception 6 to 8 p.m. Friday, Dec. 3 at the museum.

The exhibition features work by students graduating this semester from the Department of Art at YSU. The exhibit will remain on view until Dec. 18.

The exhibit features the artwork of 19 students and includes various media. Students included in this exhibition are Juliana Cala, Dan Centofanti, Tricia D'Avignon, Cody Duma, Cory Duma, Amy Ensley, Katy Felton, Andrew Hitchcock, Kimberly Jordan, Chris Kasmar, Zeke Luman, Michael Marvin, Mikenna McClurg, Chase McDougal, Kaitlan Quinn, Daniel Rauschenbach, Teresa Soos, Samantha Sprague and Amanda Zhelesnik.



This work by YSU student Mikenna McClurg is part of the Fall Graduating BFA Show at the McDonough Museum of Art.

The museum's hours are Tuesdays through Saturdays, 11 a.m. until 4 p.m. The Museum is open to the public and admission is free. For more information, call 330-941-1400 or visit www.mcdonoughmuseum.yzu.edu.

Women's Club Holiday Luncheon is Dec. 3

The Youngstown State University Women's Club annual Holiday Luncheon will be 11:30 a.m. to 1 p.m. Friday, Dec. 3 in the Ohio Room of Kilcawley Center on the YSU campus.

Those who are attending are asked to bring an unwrapped gift (suggested cost \$10-\$15) for the silent auction. Proceeds will benefit the Women's Club Scholarship Fund.

RSVP by Nov. 24 by contacting contact Melanie Loew at 330-941-1646 or mjloew@my.yzu.edu.