Department of Mathematics Holds Annual Event

Math Day is the premier recruitment event organized by the Department of Mathematics in the academic calendar. Initiated in the fall of 2006 and continuing the tradition of the now discontinued College of Natural Sciences (CNS) Science Symposium, Math Day gives prospective students and their families the chance to visit campus, learn more about the programs offered by the Department of Mathematics and meet with faculty members and current mathematics majors. In addition, during this event prospective students take a test to compete for scholarships. While a relatively new event, Math Day has already established a remarkable track-record: an analysis of the data on student participation shows that approximately 67% of all students who attended the event came to UNI the next academic year.

The sixth annual Math Day was held on Thursday, February 2, 2012. In the weeks prior to the event, the Department of Mathematics contacted a large number of college bound, in-state high school students either directly or through their teachers or counselors and invited them to participate in this event. Thirty prospective students and their parents accepted the invitation and came to campus to participate in the day’s activities. This makes 2012 the second best in six years of running the event in terms of prospective student participation.

As in the past, the schedule of events for the 2012 Math Day had two sets of activities: one set for the prospective students and the other for their parents. The students took a one-hour mathematics examination which was used by the department to select scholarship winners. They also participated in two 45-minute mathematics workshops, one facilitated by Theron Hitchman and the other by Douglas Shaw. The workshops.
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UNI DEPARTMENT OF ART PRESENTS
Annual
GRAPHIC DESIGN STUDENTS
PORTFOLIO NIGHT!

See You There!
APRIL 18
WEDNESDAY 5:30 – 7:00 PM

Event held in the lobby (Kerneck Art Building South) adjacent to the gallery
The University of Northern Iowa Gallery of Art and the UNI Department of Art will present the “Annual Juried Student Art Exhibition” from March 19 to April 15. This year’s exhibition showcases outstanding works of art by students in the UNI Department of Art. The juror for this year’s competition was **Gilbert Vicario**, senior curator at the Des Moines Art Center. Vicario made his selections from approximately 400 entries and chose a number of merit awards and honorable mentions. A juror’s lecture took place at 6 p.m., Wednesday, March 7, in the UNI Kamerick Art Building (KAB) auditorium. The awards ceremony and reception for the exhibition were held at 7 p.m., Monday, March 19, also in the KAB Auditorium. Both events were free and open to the public.

The next and final exhibition for the academic year will be the BFA Group Exhibition. It will feature work from Department of Art students, **Amanda Kronlage**, **Jacob Barrick**, **Drew Ferkin**, **Bryan Coons**, **April Czarnetzki**, **Amy McConnell**, **Ryan Smith**, **Jason Thompson** and **Erlinda Babauta**. The exhibition will be on view from April 23 - May 5, with an opening reception on Monday, April 23 at 7 p.m. in the KAB Auditorium. Gallery hours are 9 a.m. to 9 p.m., Monday through Thursday; 9 a.m. to 5 p.m., Friday; and noon to 5 p.m., Saturday and Sunday. The gallery is located on the main floor of the KAB.

The Second Annual Art History Symposium, “Defining Boundaries,” will be held April 13, in KAB 111. Student presentations will begin at 5 p.m. and include, “The Vessel and the Virtue: A Look at Medieval Views on Virginity” by **Bobbi Jacobs**; “Leyster’s Women: Painting the Independent Female” by **Brittany Deal**; “Currier and Ives American Prints: Defining Boundaries Through Mass-Produced Art” by **Zachary Schnock** and “Sandow Birk’s American Qur’an” by **Floris Bannister**. Time for questions will be allowed throughout the presentations. **Kate Elliot** from Luther College will deliver juror’s awards and a keynote presentation, “Visualized Borderlands: First Contact Imagery in American Art,” at 6 p.m. Works from the UNI Permanent collection curated by students from Assistant Professor, Elizabeth Sutton’s Research Methods and Writing Seminar for Art History majors, are on exhibition in the UNI Gallery to complement the Symposium’s theme, “Defining Boundaries.” The UNI Department of Art is delighted to highlight the accomplishments of the art history students.

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The University of Northern Iowa’s Center for Energy and Environmental Education accepted new members for the UNI chapter of Buy Fresh, Buy Local (BFBL) for 2012. The deadline to secure a spot in this local food directory was Monday, March 19. Membership includes the use of marketing tools to help local food growers and processors sell to local consumers, restaurants, grocery stores and institutions. This entitles farmers and vendors to networking and training opportunities, use of the BFBL logo, contact information published in the directory and marketing assistance. Retailers and institutions participating in the program will receive weekly notifications of local food available, use of BFBL marketing materials and personal assistance locating food.

In 2011, Buy Fresh, Buy Local worked with 30 institutional food buyers in the Cedar Valley who purchased more than $2 million of locally grown products from food and farm businesses. The UNI chapter of the BFBL campaign was launched in the greater Cedar Falls/Waterloo area in 2003 as a collaboration between UNI, Practical Farmers of Iowa and Food Routes Network. It serves Benton, Black Hawk, Bremer, Buchanan, Butler, Grundy and Tama counties. Fees range from $30 to $100, depending on the type of organization and level of membership. Forms for membership can be downloaded at www.niffp.org. For more information, contact Andrea Geary, local food program manager, at (319) 273-7883 or andrea.geary@uni.edu.
service-learning and civic engagement. This honor is the highest federal recognition a college or university can receive. Among other projects by the UNI Athletic Department and the UNI Center for Urban Education, the Department of Communication Sciences and Disorders Outreach Screening program was recognized for its student engagement in community outreach programs. These programs get students involved and provide many helpful services for children, such as language evaluation and therapy.

>>LANGUAGES & LITERATURES

- Assistant Professor, Gabriela Olivares presented a paper entitled, “FL Learning Variables in Two College Settings,” at the Central States Conference on the Teaching of Foreign Languages on March 9, 2012, in Milwaukee, Wisconsin.

- At the 2012 Association for Teachers of Technical Writing Conference in St. Louis, Missouri, Associate Professor, Adrienne Lamberti served as panel chair and co-presented with Anne Richards from Kennesaw State University on the topic of “Divide or Divergence? Complicating the Mediated Networks of Technical Communication.”

- Associate Professor of TESOL, Tammy Gregersen wrote the chapter, “Gestural Codeswitching: Why and Wherefore?” in Mendoza, I., Poll, B. & Behensky, S. (Eds) Language Contact and Multilingualism as a Challenge for Sociolinguistics and Theoretical Linguistics, Muenchen: Lincom. She wrote another chapter entitled, “Suprasegmentals: Tools for Increased Language Teacher Effectiveness.” The Acquisition of L2 Phonology, Arbski, J & Wojtaszek, A. (Eds.) Bristol, UK: Multilingual Matters. Gregersen also recently returned from Dubai where she delivered a paper at the TESOL Arabia 2012 Conference entitled, “Language Strategies and Life Skills: Mirrored Goals.” Gregersen has been awarded a Fulbright Scholarship at the Universidad de Santiago this summer where she will teach an intensive graduate course in language assessment, deliver a series of talks on writing for publication, present a paper for an interdisciplinary group of researchers, design professional development courses for K-12 Chilean English teachers and collaborate on student exchanges between Chile and UNI.

- Assistant Professor, Sheila Benson’s article entitled, “Grammar Instruction Needs Fixed: Teaching Standardized Grammatical Conventions and Honoring Linguistic Identity,” will appear in Language Arts Journal of Michigan in a special issue focused on contextualized grammar instruction. Benson’s article describes a course she designed to better address the
interconnection between identity and linguistic conventions and how grammar instruction needs to take those identity relations into account.

The 6th Annual Graduate Symposium in the Humanities was held Friday, March 23. First place winner was Tracey Tonejes (Languages and Literatures), nominated by Associate Professor, Anne Myles. Second place winner was Thomas Leigh (Communication Studies), nominated by Associate Dean and Professor, John Fritch and third place winner was Kiranjeet Dhillon (Communication Studies), also nominated by Fritch. Department Head and Professor of Art, Jeffery Byrd and Professor of Theatre, Cynthia Goately served as screeners for this year’s event.

Department Head and Professor in the Department of Languages and Literatures, Jeff Copeland recently released his new book entitled, “Shell Games,” a literary nonfiction book focusing on the life of Pearl McGill and her connection to the Blanton Button Co. in Muscatine, Iowa, beginning in 1910. Initially hired through family ties and used as a spy, McGill ultimately joined the union and sided with the factory workers. This began her long career as a “poster girl” for unions and specifically for the Women’s Trade Union League in Chicago, which she eventually left to attend what was then known as the Iowa State Teachers College in Cedar Falls. The book follows McGill’s life up until her murder on April 30, 1924, in Buffalo, Iowa, at the young age of 30.

After researching McGill, the Muscatine button company and her involvement in early 20th century unionization for nearly a year and a half, Copeland’s book is now available at Barnes & Noble in Waterloo, University Book & Supply in Cedar Falls, Prairie Lights in Iowa City and through online booksellers. Electronic copies for Kindles and Nooks are also available.

Robert Washut, professor of music, will be a guest soloist with the South Dakota State University Jazz Ensemble and a clinician for the annual SDSU Jazz Festival on April 12, 2012. In addition, on April 10, Washut will serve as an adjudicator for the Iowa Jazz Championships in Des Moines.

The Men in Feminism Panel was held on March 22, 2012, and examined men’s roles as feminists and how men can advocate for women’s rights. The panelists included Harry Brod, Department of Philosophy & World Religions; Alan Heisterkamp, Mentors in Violence Prevention program; Mark Rowe-Barth, Substance Abuse & Violence Intervention Services; Adam Livengood, graduate student and David Pope, undergraduate student.

Robert Washut

Women’s and Gender Studies

The RRTTC hosted the film, “Power Paths,” which depicts the struggle Indian tribes and their allies face in producing solar and wind energy on their lands for their own use and to provide clean sustainable energy for cities across the West.

The film was shown on April 4, at 7 p.m., in the CEEE Auditorium. Director of the CEEE, Kamyar Enshayan led the audience in discussion after the film.

Music

The Northern Iowa Symphony Orchestra, UNI Concert Chorale, UNI Signers and UNI Cantorei will tour to Marshalltown, Iowa, on Monday, April 23, to present a concert at 7 p.m. in the Marshalltown High School/Community Auditorium. The ensembles are led by UNI faculty and conductors, Rebecca Burkhardt, Dyan Meyer and John Len Wiles. The concert will be free and open to the public.

Upon the release of their new album, Let Go, UNI’s Jazz Band One has received critical acclaim from writers like Jack Bowers from All About Jazz magazine. Bowers stated that, “Let Go is clearly another triumph for UNI’s impressive Jazz Band One, much of the credit for which must go to Merz who has kept the Jazz Studies program on an upward course since he replaced its founder, Bob Washut, nearly a decade ago. If the past is a reliable measuring stick, another exemplary album by the UNI Jazz Band One should be available in another year or so.”

The album includes pieces written by UNI Director of Jazz Studies, Chris Merz; UNI student, Peter Roberts; and alumni, Michael Conrad and was recorded on the UNI campus.
The following are events taking place during this year's Earth Week:

Enjoy a Bike Ride on the Trails with UNI Cycling Club and Cedar Valley Cyclists. Choose from a leisure ride or more of a fast paced tour of the trails on a 10-mile ride at this free event on April 11, at 6 p.m. leaving from Mulligans. Participants can pre-register online and receive a free t-shirt at www.RRTTC.com.

Learn about one couples’ journey to live a waste-free year in the film, “Clean Bin Project,” and see how their honest and sometimes humorous trials can teach us some new but very ‘doable’ habits in our own lives. The showing of this film is to be held April 12, at 7 p.m., in the CEEE Auditorium.

Put on your running shoes and join us for a Fun Run on the Prairie April 16, at 6 p.m. with CVAST and Runners Flat. Meet at the entrance to the prairie at 29th & Walnut Street for a fun run on soft trails. Enjoy about a 3-mile loop with no runners left behind at this event. Anyone wishing to participate can pre-register online and receive a free t-shirt at www.RRTTC.com.

Take a couple hours out of your life and help clean up the UNI Wetland and then stick around for some great pizza afterwards. We’ll be meeting in the NE corner of the WRC parking lot on April 17, at 4 p.m. Anyone wishing to participate can pre-register and receive a free t-shirt at www.RRTTC.com. Come dressed to get dirty; bags and gloves will be provided!

UNI Earth Day Celebration will be April 18, from 10 a.m. to 2 p.m. outside Maucker Union. Enjoy educational and informational booths on numerous topics of interest from on and off campus groups, get your free bike tune up, play games and win prizes. Plan to stay for the Sustainability Forum from 2 to 4 p.m. and learn about steps that UNI has taken to be a leader in environmental practices and sustainability.

Take a break from studying and join the RRTTC & CAB for a free showing of the film, “Wall-E,” on April 19, either at 7 p.m. or 9:30 p.m. in Maucker Union Ballroom. (BYOC) Bring your own cup to enjoy free beverages and snacks and maybe you’ll win one of the many great prizes being given away!

involved hands-on activities intended to help students discover important mathematical objects and their properties. For their part, the parents watched a presentation on career options for mathematics majors, participated in a question and answer session with a student panel and rounded out the formal part of their activities with a financial aid presentation. The highlight of the event was a luncheon in which prospective students, their parents, current students and department faculty members all participated. All told, over 100 people attended the luncheon. Math Day concluded with a campus tour for the prospective students and their parents.

Department Head and Professor, Douglas Mupasiri says, “Math Day is the unique recruitment event which the Department of Mathematics sponsors over and above what the College of Humanities, Arts and Sciences and the UNI Admissions Office do, e.g. Panther Peak Days, Up Close Days, etc. The roughly 67% yield rate of Math Day is strong evidence that the investment in money, time and effort put into it pays off handsomely. We also view the event as an excellent branding opportunity for the department.”

The 2012 Math Day was organized by the Mathematics Recruitment and Retention Committee chaired by Associate Professor, Adrienne Stanley and was sponsored by the Department of Mathematics.

EARTH WEEK 2012

Courtesy of Jenny Bruss
RRTTC

The following are events taking place during this year’s Earth Week:

Enjoy a Bike Ride on the Trails with UNI Cycling Club and Cedar Valley Cyclists. Choose from a leisure ride or more of a fast paced tour of the trails on a 10-mile ride at this free event on April 11, at 6 p.m. leaving from Mulligans. Participants can pre-register online and receive a free t-shirt at www.RRTTC.com.
The National Student Speech Language and Hearing Association (NSSLHA) is an organization within the department of Communication Sciences and Disorders. NSSLHA is led by graduate and undergraduate students interested in careers in speech language pathology and audiology. Every year NSSLHA sponsors social and service events for its members. Past events hosted by the club include: canned-food drives for NorthEast Iowa Food Bank, Sertoma charity events, Relay for Life, Waterloo Black Hawks Hockey night, Special Olympics and Aspire.

For the past 10 summers, NSSLHA members have participated in the department’s study-abroad program to Nicaragua. Students have traveled to various locations in Nicaragua with Professor Ken Bleile. Students were provided speech-language pathology services by assessing children’s speech and language development in an orphanage, elementary school and nutrition center. Students also performed hearing screenings on the children and educated caretakers about how to facilitate language development. This year students will travel back to Nicaragua to conduct research at a school for children with disabilities.

Last November, 30 NSSLHA students from the department attended the America Speech-Language and Hearing Association (ASHA) National Conference in San Diego, California. Through their charitable contributions to the ASHA Foundation, NSSLHA was awarded five free registrations to the convention. Sixteen UNI graduate students presented their research at the conference.

On April 12 and 13, NSSLHA will be sponsoring the Iowa Conference on Communicative Disorders (ICCD). Well-known professionals from the midwest will speak at the conference held at the Elks Lodge in Waterloo, Iowa. Professionals can obtain Continued Education Units by attending the guest lectures. NSSLHA members collaborate, organize and plan the conference to make it a learning experience for both professionals and students. The conference is also an opportunity for many graduate students in the department to present their research.

As the number of students enrolled in the department continues to grow, UNI NSSLHA anticipates more members each year. With outstanding student leaders, enthusiastic members and willing professors, UNI NSSLHA will continue to create opportunities for students to participate in service projects and gain valuable experience.

IMMIGRATION POLICY: CURRENT CRISIS & FUTURE CHALLENGES

Miriam Jordan, reporter for The Wall Street Journal, will be featured as a public policy event guest speaker at the lecture entitled, “Immigration Policy: Current Crisis and Future Challenges,” on Tuesday, April 17, at 7 p.m. in the University Room, Maucker Union. The event is sponsored by the Graduate Program in Public Policy and the Iowa Center for Immigrant Leadership and Integration.

Jordan is a senior special writer for The Wall Street Journal. She writes about immigrants nationally from a grass-roots perspective. Jordan arrived in Los Angeles eight years ago, after spending most of her career in the developing world. She began in journalism in 1987 as a correspondent for Reuters News Agency and worked for the newswire in Mexico, Brazil and Israel, respectively, until December 1992. From January 1993 through the mid-2000, Jordan was a correspondent for The Wall Street Journal in Southeast Asia, based in Hong Kong, and then in India, based in New Delhi. She was posted in Brazil between 2000 and 2003.

Since returning to the U.S. in 2004, Jordan has received several awards for her coverage of immigrants; she was nominated for a Pulitzer Prize in 2007 and 2009. Born in New York City, Jordan earned bachelor’s degrees in international relations and psychology from Stanford University and a master’s degree in journalism from Columbia University. She grew up in the United States and Brazil.
Since 2010, Department of Art professors, Tim Dooley and Aaron Wilson, have been working on a body of work entitled, “Worn Out,” in which they explore imagery some artists consider culturally and aesthetically ‘worn out.’ With subject matter decided, screen prints are then produced through extensive layering of multiple drawn images of the chosen theme and result in intensively layered, labored and garishly beautiful pieces. Each print in the suite is a unique impression, rearranged through the multiplicity of screen printing.

Dooley and Wilson have added to the “Worn Out” series by generating fresh grids of different subjects during visiting artist residencies. Subject matter has included layered impressions depicting things like bigfoots, unicorns, skull heads, sasquatch and even the Real Housewives. Recently, the pair worked with students at Tulane University in New Orleans, Louisiana, to produce works along the ‘worn out’ theme collectively titled, “Futile Gestures.” These were shown alongside work already produced in the series at The Front Gallery in New Orleans in conjunction with the 40th anniversary conference of SGC International, the largest annual international gathering of printmakers, from March 10 through April 8. Nearly 1600 people attended this year’s conference, “Navigating Currents.”

An opening reception for the exhibition was held Saturday, March 10, at which Dooley and Wilson worked on screen prints live for those in attendance. The professors state, “It is a flexible exhibition that can be accommodated by a variety of venues, but it does have the capacity to fill even a very large exhibition space. The live activity of printing these artworks is intensive, active, risky and bold. Prints are built up, toppled over and saved from sure death.”
This year UNI’s Students Against a Violent Environment (SAVE) is comprised of just under 40 undergraduate students from a variety of majors across campus. SAVE’s goal is to raise awareness, change attitudes and begin a discussion with the UNI community about how to prevent gender-based violence.

Under the direction of Instructor of Communication Studies, Amandajean Nolte, SAVE does this by presenting stories of campus violence in a creative and accessible manner that allows for the audience to generate possible solutions. SAVE presents in a variety of contexts and just this last academic year, the group presented first-year programming to about 1500 new students in oral communication and cornerstone courses.

For instance, on Thursday, March 8, 2012, SAVE Forum Actors were invited to present at the seventh annual Governor’s Safe Schools Conference on LGBTQ Youth. Seven out of the nearly 40 SAVE members traveled to the conference at Drake University in Des Moines, Iowa.

The mission of the conference was to improve school climates by increasing awareness and understanding of inequities regarding the safety of LGBTQ students. Attendees included current and future educators, students, school administrators and other community members. SAVE contributed to this dialogue by utilizing interactive theatre techniques, which the group has been successfully using for more than 10 years now.

To prepare for the conference, students in the group collaborated with UNI’s Center for Violence Prevention, drawing from the Mentors in Violence Prevention (MVP) model. The MVP model also emphasizes bystander intervention as a critical element of violence prevention.

When SAVE was not presenting at the conference, members were also attending workshops regarding a wide spectrum of LGBTQ-related topics, which they are excited to share with their fellow SAVE members and other UNI students. SAVE members look forward to future opportunities to increase awareness and create dialogue on violence prevention issues on and off UNI’s campus.

As an event to combat the social stigma attached to sexual assault, “Students Against a Violent Environment” is offering two public events during April.

The first is a month-long event called, Students Against Sexual Assault.

On Wednesdays throughout the month of April, SAVE will be tabling in the Maucker Union giving UNI students, faculty and staff the opportunity to sign their names on a paper prevention buddy to publicly show their own commitment to ending sexual assault.

Starting on April 25 the prevention buddies will be put on display in Lawther Field to show a unified campus in the fight against sexual assault. This event is free and open to all. The group encourages everyone to come sign a prevention buddy and be a part of Sexual Assault Awareness Month.

The group’s second event is a performance devised by the troupe, a performance showcase presented in the Interpreters Theatre on April 11 and 12 at 7:30 p.m. “Ade to Order: Gender, Consent and Pop Culture” is two nights of laughs, education, entertainment and conversation. An interactive workshop mingled with poetry creates a space to practice bystander intervention, deconstruct gender and examine what enthusiastic consent in our daily lives could actually accomplish.

This event is free and open to the public. Mature audience only please, there will be sexual situations and strong language represented on stage. Seating is limited so if you are interested in attending, please come early!

If you are interested in joining UNI’s Students Against a Violent Environment or have any questions about the troupe, please contact Amandajean Nolte at amandajean.nolte@uni.edu.
Guest Artist Master Class:
University of Iowa Faculty Piano Quartet
Tuesday, April 10, 3 p.m.
Graham Hall, Russell Hall
The University of Iowa Faculty Piano Quartet will visit UNI to present a master class. This guest ensemble features University of Iowa faculty artists, Scott Conklin, violin, Elizabeth Oakes, viola, Hannah Holman, cello and Rene Lecuona, piano. This event is free and open to the public.

UNI Student Composer’s Concert
Tuesday, April 10, 6 p.m.
Davis Hall, GBPAC
Coordinated by Professor of Composition and Theory, Jonathan Schwabe, UNI School of Music student composers will showcase their work in this spring recital. This event is free and open to the public.

Guest Artists Recital:
University of Iowa Faculty Piano Quartet
Tuesday, April 10, 8 p.m.
Davis Hall, GBPAC
The University of Iowa Faculty Piano Quartet will visit UNI to present a recital. This guest ensemble features University of Iowa faculty artists, Scott Conklin, violin, Elizabeth Oakes, viola, Hannah Holman, cello and Rene Lecuona, piano. This event is free and open to the public.

Spotlight Series Concert:
UNI Singers, Women’s Chorus & Concert Chorale
Wednesday, April 11, 7:30 p.m.
Great Hall, GBPAC
Under the direction of UNI School of Music conductors John Len Wiles and Dyan Meyer, the UNI Singers, Women’s Chorus and Concert Chorale will offer a shared spring concert as part of the Spotlight Series. This event is ticketed. For tickets, call (319) 273-4TIX.

Guest Artist Recital:
Karel Keldermans, carillon
Thursday, April 12, 12 p.m.
Campanile
Guest artist, Karel Keldermans, carillonneur, will perform at 12 noon at the campanile on the UNI Campus. Bring your lunch and join us outside for a one-of-a-kind musical experience! This event is free and open to the public.

UNITUBA Concert
Thursday, April 12, 8 p.m.
Davis Hall, GBPAC
Under the direction of UNI School of Music professor of tuba, Jeffrey Funderburk, the UNITUBA Ensembles will offer a spring recital. This event is free and open to the public.

Guest Artist Recital:
Karel Keldermans, carillon
Friday, April 13, 12 p.m.
Campanile
Guest artist, Karel Keldermans, carillonneur, will perform at 12 noon at the campanile on the UNI Campus. Bring your lunch and join us outside for a one-of-a-kind musical experience! This event is free and open to the public.

Lecture: A Philosophical and Religious Interpretation of “Spiritual Jazz”
Friday, April 13, 2 p.m.
Room 116, Russell Hall
Jon Avery will present a lecture on Arthur Schopenhauer’s “Metaphysics of Music” and John Coltrane’s “A Love Supreme.” Avery’s lecture for this event will be held in Room 116 and is
Piano Studio Recital  
Friday, April 13, 8 p.m.  
Davis Hall, GBPAC

Under the direction of UNI School of Music faculty artist, Dmitri Vorobiev, students from the UNI piano studio will offer a spring concert. *This event is free and open to the public.*

Music Education Workshop  
Saturday, April 14, 8 a.m.  
Davis Hall, GBPAC

School of Music Instructor of Music Education, Michelle Swanson will coordinate this workshop. *For more information, contact michelle.swanson@uni.edu.*

UNI Horn Choir  
Sunday, April 15, 3 p.m.  
Davis Hall, GBPAC

Under the direction of UNI School of Music Assistant Professor of Horn, Yu-Ting Su, the UNI Horn Choir will offer a spring recital. *This event is free and open to the public.*

Northern Iowa Junior Orchestra Concert  
Sunday, April 15, 6 p.m.  
Davis Hall, GBPAC

The UNI Suzuki School’s Northern Iowa Junior Orchestra will present a spring concert. *This event is free and open to the public.*

UNI Student Chamber Music Concert  
Tuesday, April 17, 8 p.m.  
Davis Hall, GBPAC

Coordinated by UNI School of Music faculty artists, Yu-Ting Su, Jonathan Chenoweth and Dmitri Vorobiev, student musicians will offer a chamber music concert. *This event is free and open to the public.*

Spotlight Series: UNI Varsity Men’s Glee Club  
Wednesday, April 18, 7:30 p.m.  
Great Hall, GBPAC

Under the direction of UNI School of Music professor and conductor, John Len Wiles, the UNI Varsity Men’s Glee Club will offer a spring concert as part of the Spotlight Series. *This event is ticketed. For tickets, call (319) 273-4TIX.*

UNI Symphonic Band  
Thursday, April 19, 7:30 p.m.  
Great Hall, GBPAC

Under the direction of UNI School of Music professor and conductor, S. Daniel Galyen, the Symphonic Band will offer a spring concert. *This event is free and open to the public.*

Faculty Artists Recital: Halgedahl-Botkin Duo  
Thursday, April 19, 8 p.m.  
Davis Hall, GBPAC

This spring recital will feature faculty artists, Frederick Halgedahl, violin and Sean Botkin, piano. Repertoire to be announced. *This event is free and open to the public.*

Spotlight Series: UNI Opera Scenes Performance  
Friday, April 20, 7:30 p.m.  
Bengtson Auditorium, Russell Hall

UNI School of Music professor Sandra Walden and vocal coach, Korey Barrett will direct an opera scene performance featuring current opera students. *This event is ticketed. For tickets, call (319) 273-4TIX.*

Northern Iowa Wind Symphony Alumni Concert  
Saturday, April 21, 7:30 p.m.  
Great Hall, GBPAC

Under the direction of UNI School of Music professor and conductor, Ronald Johnson, the Northern Iowa Wind Symphony will offer a spring concert featuring returning Wind Symphony alumni performers. *This event is free and open to the public.*

Community Music School Spring Recital Weekend  
Saturday & Sunday, April 21 & 22, various times  
Russell Hall

The UNI Community Music School will host their spring recitals. *For more information on this event, please contact Cindi Mason at cynthia.mason@uni.edu.*

>> CONTINUED ON PAGE 19
When Byron Tasseff originally started his college career at UNI, his wide range of interests made narrowing down his field of study difficult. With encouragement from professors and exploration, however, he eventually settled on physics. “Over the past three years, I have become convinced of my love for physics and would be happy studying it for the rest of my life. What I enjoy most about the Department of Physics is the friendliness of its students and professors. There is also a large amount of collaboration from multiple professors in the department that is not seen in many other departments.”

Tasseff is currently working in collaboration with John Deisz in completing his honors thesis titled, “GPU-Accelerated Molecular Dynamics Simulation of Rigid Water.” When he graduates, he plans on participating in physics research at LSU’s Center for Computation and Technology for nine weeks in May. Following this research, Tasseff plans on accepting a one-year, post-baccalaureate research position at Los Alamos National Laboratory in Los Alamos, New Mexico, beginning in August. Once there, he will perform computational research in the Energy and Infrastructure Analysis group. “After completing my one-year, post-baccalaureate position, I plan on pursuing my Ph.D. in physics. I hope to attend a school on the east or west coast and conduct research in some area of computational physics.”

In addition to working on his honors thesis and attending regular classes, Tasseff is actively involved in extracurricular activities on campus. He recently joined Kappa Mu Epsilon (a mathematics honor society) and is a part of Omicron Delta Kappa (a national leadership honor society). He is currently a member of UNI’s chapters of the Society of Physics Students as well as Sigma Pi Sigma (The Physics Honors Society) and is a Provost Scholar and member of the UNI Honors Program. He is currently serving as the Vice President and Webmaster for the UNI Physics Club and has engaged in research on campus at UNI as well as at SRI International in the San Francisco Bay area. “I was also surprised by the quality of research programs at UNI. At UNI, students and professors collaborate in small enough teams on projects such that the research the student completes is worthwhile and of pedagogical importance.”

“UNI has provided me with a wealth of research experience in many different areas of physics. These opportunities, as well as the quality and breadth of courses offered at UNI, have made me an attractive candidate for research positions outside of school. I have thus far been able to work at John Deere’s Product Engineering Center and SRI International’s Molecular Physics Laboratory in Menlo Park, California. I have also recently been offered positions at Los Alamos National Laboratory and LSU’s Center for Computation and Technology, both of which I plan to pursue beginning this summer.”

In what little free time that he has, Tasseff writes, plays and records his own original music. He has taught himself to play a wide variety of instruments including the guitar, bass guitar, drums, keyboard and saxophone. He also sings and has played with bands like Standard Groove and Sunshine Jackson. Besides his love for music, Tasseff also writes and enjoys debating politics, discussing the metaphysical
TWO STUDENT EXHIBITIONS HELD IN DEAN’S TRIANGLE GALLERY

A small opening reception for *This and That*, a student graphic design exhibition, was held on Tuesday, March 20, 2012, at 3 p.m. in the Dean’s Triangle Gallery, Kamerick Art Building, University of Northern Iowa. The exhibition was on view in the gallery from March 18 to March 31. The exhibition and reception were free and open to the public.

*This and That* was an exhibit of publications dating from 2009 to the present, designed by a team of student designers, working as promotions assistants in the Office of the Dean of the College of Humanities, Arts and Sciences (CHAS).

Among others, examples of pieces featured in the show include brochures for the Departments of Industrial Technology, Physics and Computer Science; posters for annual events such as the Holocaust Remembrance Ceremony, Congo Week, the Norman Cohn Lecture, the Fall Faculty and Staff Meeting, the Meryl Norton Hearst Lecture Series and the UNI Art Scholarship Review Day; as well as posters for one-time events such as the Dying City production or the Zeitoun Project.

The work on display was a compilation of work from current and past student workers, including Emily Bruggeman, Allison Hamilton, Katie Messerli, Elliot Tensen and Michelle Watson.

Special thanks to Sarah Pauls (Marketing & Promotion Coordinator), Dean Joel Haack, Joyce Broell and other members of the staff in the Office of the Dean of the College of Humanities, Arts and Sciences for making this work and its exhibition a reality. Exhibition conception and installation provided by Professor of Art, Roy R. Behrens.

The opening reception for *Le Musee d’Air*, a group exhibition by Department of Art students, was held on Monday, April 2, 2012, at 3 p.m. in the Dean’s Triangle Gallery, Kamerick Art Building, University of Northern Iowa. The exhibition and reception were free and open to the public. *Le Musee d’Air* was on view in the Dean’s Triangle Gallery from April 2 to April 8, 2012.

Participating in the exhibition were students from Professor Mary Frisbee Johnson’s Professional Practices in Art course; including: Lindsey Banes, Jacob Barrick, Zach Bowman, Emily Bruggeman, Trey Bush, April Czarnetzki, Allison Hamilton, Rayce Harmon, Jessica Libberton, Dimitria Kline, Morgan Moe, Theresa Simmons, Justine Wagner and Faith Wittrock. Working in a variety of mediums, each student exhibited a work of art specifically created for the exhibition based on the theme of air and space.
The Department of Physics hosted two competitions this semester. The first, the UNI/AEA 267 Regional Physics Competition took place on Wednesday, March 21, 2012, at the University of Northern Iowa McLeod Center. Registration began at 8 a.m. and the competition ended around noon with the announcement of winners and presentation of awards.

Approximately 283 high school students from 20 different high schools including Cedar Falls, Denver, Dike-New Hartford, Dunkerton, East Buchanan, Fredericksburg, Garwin, Gilbertville, Gladbrooke-Reinbeck, Greene, Grinnell, Independence, Jesup, Nashua-Plainfield, New Hartford, St. Ansgar, Sumner, Traer, Waterloo, and Waverly-Shell Rock participated in the regional event.

This regional competition featured six events, including self-propelled catapult, mouse trap car, bridge building, soda straw arm, challenge problem and material recovery facility (MRF sponsored by the Iowa Recycling Association) that gave students the opportunity to apply basic physics principles in designing and constructing devices or laboratory set-ups from everyday materials within required specifications to perform physical tasks or procedures. Students pictured above are competing in the bridge building challenge while students pictured below are competing in the self-propelled catapult challenge at the regional event.

The mouse trap car event had the most number of participating teams with 48, followed by the bridge building competition with 42 teams, the soda straw event with 34 teams, the self-propelled catapult event with 31 teams, the challenge problem event with 21 teams and the MRF event with 8 teams.

St. Ansgar High School placed first and Tripoli High School placed second in the overall school team competition, which included teams that had students who participated in at least five of the six events. The instructor for St. Ansgar was Devin Schwiesow; instructor for the Tripoli team was Paula Carlson. St. Ansgar High School also placed first in the self-propelled catapult and challenge problem events while Tripoli High School placed first in the mouse trap car event.

The top two school teams overall and the teams that placed first in the event categories go on to the state physics competition. The regional competition was coordinated by UNI Professor of Physics, Lawrence Escalada and Melissa Hesner (AEA 267).

The State Physics Competition, formally known as the Physics Olympics Competition, will be held on Wednesday, April 11, 2012, at the University of Northern Iowa McLeod Center in Cedar Falls. The overall school team score is the sum of the best five of the six event scores with the highest scoring school team being declared the Physics Event Grand Champion.
When Aaron Mangel returned to UNI to finish his degree after spending almost 10 years in the work force, he knew it would be a challenge, especially with the added stress of supporting a family. Despite these overwhelming factors, with the help and encouragement of the faculty in the Department of Computer Science, this 30-year-old, non-traditional student will be graduating with his Bachelors in Computer Science this May.

When asked what the biggest challenge was when returning to school, Mangel said, “In coming back to UNI, the biggest challenge was that I was working so many hours combined with schoolwork. I still had other obligations that I needed to meet in addition to going back to school. Keeping all of the figurative plates spinning was a challenge indeed.”

In addition to work, school and a home life, Mangel has spent the past two summers doing research with Instructor Hughes, Associate Professor Schafer and two other students in building student response systems for android phones. This research has played a vital role in Mangel receiving an internship with T8 Webware, a financial services website strategy firm that specializes in bank website design and development. His fascination with computers has been a determining factor in his striving to finish his degree. “I first used a computer when I was 5 years old. Since then, I’ve been enamored with everything about them, their physical structure and the software that drives them.” He hopes this passion and aptitude for computers will help him obtain a full-time position at T8 Webware after graduation.

The professors in the Department of Computer Science have played an important role in assisting Mangel on his road to graduation. “It’s difficult to pick out who hasn’t influenced me in some way. Associate Professor Fienup gave me my original chance to take a course during the summer semester in order to get to the challenging courses sooner. Hughes and Schafer have both spent three semesters working with me and two other students on a research project that has gotten me an internship, and likely a job after I graduate. Associate Professor Gray and Department Head and Associate Professor Wallingford have both challenged me to learn more and to extend the bounds of what I am capable of doing. Finally, my advisor, O’Kane, has been an extremely helpful resource in pointing me to people that can help and offer advice.”

To students just coming into the Department of Computer Science, Mangel says, “Be prepared to work. If you put the effort into these classes, you will learn a lot, but it’s not something that is going to come without effort on your part.”

If money were no issue, he would have his own development business, working with the most interesting technology that he could find. He would like to be doing something profitable that could help other people but would sate his own curiosity and desire for knowledge; that, “or raise corgis.”
UNI FORENSICS

Courtesy of Katherine Lavelle
Department of Communication Studies

The speech team excitedly prepared for the AFA Nationals in early April. The AFA-NIET National Tournament, one of the oldest and most competitive speech nationals in the country, was hosted in Texas this year. The UNI team headed to Texas State University-San Marcos on Wednesday, April 4, and the tournament events began Friday morning, April 6. Elimination rounds were held on Sunday & Monday, April 8 & 9.

In order to prepare for nationals, the team hosted a speech showcase in Lang Auditorium on Wednesday, March 28. One hundred and thirty students, parents, administrators and members of the Cedar Valley community attended to show their support at the team’s last public event before the tournament.

Last year, the team had seven students qualify 24 events to nationals. This year, the team had six students taking 24 events to the national event in Texas. Two of the team members qualified six events, the maximum allowed at the tournament. The final breakdown of events qualified is as follows:

Senior, Mandy Paris: Prose Interpretation, Drama Interpretation and After Dinner Speaking

Sophomore, Zoe Russell: Impromptu Speaking, Persuasive Speaking, Extemporaneous Speaking and After Dinner Speaking

First-Year, Jordan Lukehart: Extemporaneous Speaking and After Dinner Speaking

First-Year, Ryan Courtney: Prose Interpretation, Duo Interpretation (with Postler), Program Oral Interpretation, Poetry Interpretation and Dramatic Interpretation

Senior, Michael Taylor: Prose Interpretation, Informative Speaking, Program Oral Interpretation, Duo Interpretation (with Postler), Poetry Interpretation and Drama Interpretation

Junior, Harrison Postler: Duo Interpretation (with Taylor and Courtney), After Dinner Speaking, Informative Speaking, Impromptu Speaking and Poetry Interpretation

Senior, Mandy Paris: Prose Interpretation, Drama Interpretation and After Dinner Speaking

Sophomore, Zoe Russell: Impromptu Speaking, Persuasive Speaking, Extemporaneous Speaking and After Dinner Speaking

First-Year, Jordan Lukehart: Extemporaneous Speaking and After Dinner Speaking

First-Year, Ryan Courtney: Prose Interpretation, Duo Interpretation (with Postler), Program Oral Interpretation, Poetry Interpretation and Dramatic Interpretation

UNI Mathematics Faculty Host Waterloo Schools Professional Development

Courtesy of Melissa Reade
Center for Teaching and Learning Mathematics

As an extension of the ongoing instructional coaching project between UNI’s Center for Teaching and Learning Mathematics and the Waterloo Community Schools, UNI Department of Mathematics faculty recently facilitated professional development for 4th and 5th grade teachers from all 11 Waterloo Elementary Schools.

On Monday and Tuesday, March 5 and 6, Associate Professor, Glenn Nelson; Associate Professor, Brian Townsend and Assistant Professor, Matt Webb provided teachers an opportunity to discuss and further study their implementation of the new TERC Investigations mathematics curriculum adopted this school year.

The professional development centered on problem-based instruction and allowed teachers time to work through the key components of a mathematics lesson: the big idea, the launch, exploration and discussion.

The TERC Investigations have generated a shift in how teachers think about and implement mathematics curriculum, creating a new style of learning for students. After this first year of TERC Investigations implementation, Waterloo teachers report engaged students are thinking more strategically and are more willing to grapple with tougher problems.
 Mitch Patterson

Since graduating from UNI with a P.S.M. in Applied Chemistry and Biochemistry and a B.S. degree in Chemistry, Mitch Patterson has made his interest in metal working a career. Patterson gained valuable experience as a project manager in the UNI Metal Casting Center during his last year at UNI and after graduating in 2009, he used his experience to land the position of Product Manager for HA International, a foundry supplier with offices in Chicago.

When asked what he most enjoys about HA International, he said, “I am able to see chemistry in action, both in cutting edge research and everyday manufacturing. Although I am based in the Westmont, Illinois, office, I cover North America and often travel to the foundries we supply. It never gets boring seeing 3,000 degree liquid metal being poured into a sand mold where my company’s sand, chemicals and refractory coating are being put to the test.”

While working at HA International, Patterson has received awards such as the 2011 American Foundry Society’s Best Paper Award and the 2011 Howard Taylor Award—a award that recognizes a paper presented at the AFS Metalcasting Congress for having the greatest long-range technical significance to the cast metals industry.

The paper was co-authored by Jerry Thiel, director of the UNI Metal Casting Center, and the technology presented was based on new bio-based foundry binders developed and patented by UNI under the CABB grant. The project was led by Jerry Thiel and Associate Dean and Associate Professor, Shoshanna Coon.

In addition to co-authoring an award winning paper, Patterson has also had the opportunity to travel to Dusseldorf, Germany, to speak at the International GIFA Foundry Conference. The conference was a one-hour presentation and seminar based on a product that Patterson was responsible for: a new, specialty sand mined in Coos Bay, Oregon.

“The Department of Chemistry at UNI provided me with an excellent chemistry background and opportunities to work with and understand many analytical instruments. What was especially helpful was using the chemistry skills to perform interdepartmental research. Combining two areas of expertise (chemistry and metal casting in my case) can really set you apart from the crowd.”

Patterson currently lives in one of the suburbs of Chicago and would like to progress to an executive position within the company eventually. He’s currently deciding between Research and Sales/Marketing. Eventually, he would like to pursue an M.B.A. as well.
This spring, with the completion of the University of Northern Iowa’s Panther Village, a new work of public art will be revealed. The art is titled, “Bower,” by Lynn Basa, and will feature nine square columns topped by glass houses lit by LED lights. Pictured on the left are students helping with the fabrication of the sculptural pieces.

Public art incubators are facilities that create low-cost space and services for small and emerging art organizations. Tom Stancliffe, a professor in art at UNI, has wanted to bring a public art incubator to campus and knew that the Department of Art could offer all the required services. The artwork is being assembled in UNI’s new art incubator. The incubator provides a cooperative environment within the Department of Art for regional artists in the production of their public art projects. An artist will work directly with faculty, technical staff and students to fabricate the art while utilizing the facilities.

“I see this public art incubator as providing regional artists with fabrication assistance, space and resources within the department as they produce their commissioned public art projects,” noted Stancliffe. “It’s not a bad message to convey to students that they can make a living doing art.”

For additional information, please contact Tom Stancliffe at (319) 273-7684 or tom.stancliffe@uni.edu.

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The Center for Teaching and Learning Mathematics at UNI was recently awarded a Mathematics and Science Partnership Title IIIB grant. The Title IIIB grant entitled, “Making Sense of Mathematics and Teaching: Learning and Leading (MSMT II),” will provide ongoing funding for Making Sense of Mathematics and Teaching (MSMT) professional development courses.

Six MSMT professional development courses will be offered focusing on numbers, operations, geometry, measurement, algebraic thinking and rational numbers. The courses are aligned to the Characteristics of Effective Instruction and the Common Core Standards for Mathematical Practice.

The MSMT professional development courses are designed to increase elementary teachers’ mathematical content knowledge for teaching, improve their instructional practices, and as a result, improve their student’s achievement in mathematics.

For more information on existing mathematics professional development offered by the CTLM, please visit their website at www.uni.edu/ctlm/content/supporting-teachers.
Percussion Ensemble: Kaji-Daiko & West African Drum Ensemble
Monday, April 23, 8 p.m.
Davis Hall, GBPAC

Under the direction of UNI percussion professor, Randy Hogancamp, the UNI Percussion and West African Drum Ensembles will offer their spring concert along with UNI's Taiko drum ensemble, Kaji-Daiko. This event is free and open to the public.

UNI Clarinet Studio and Clarient Ensemble Concert
Wednesday, April 25, 6 p.m.
Davis Hall, GBPAC

Under the direction of UNI School of Music Professor of Clarinet, Amanda McCandless, the UNI Clarinet Studio and Ensemble will offer a spring concert. This event is free and open to the public.

Spotlight Series:
W.A. Mozart’s Requiem
Wednesday, April 25, 7:30 p.m.
Great Hall, GBPAC

UNI School of Music faculty artist conductors, Rebecca Burkhardt, John Len Wiles and Dyan Meyer will direct a performance of Requiem Mass in D minor by W.A. Mozart. This event is ticketed. For tickets, call (319) 273-4TIX.

UNI Jazz Band III & Combos
Tuesday, April 24, 7:30 p.m.
Bengtson Auditorium, Russell Hall

The UNI Jazz Band III and jazz combos will present a spring concert under the direction of Chris Merz and graduate student conductors. This event is free and open to the public.

UNI New Horizons Band Spring Concert
Monday, April 30, 7:30 p.m.
Great Hall, GBPAC

Under the direction of Diana Blake, the New Horizons Band features musicians 55 and older who travel from all over Iowa. This event is free and open to the public.

UNI Children’s Choir Spring Concert
Friday, May 4, 7:30 p.m.
Bengtson Auditorium, Russell Hall

The UNI Children's Choir will offer their spring concert under the direction of Michelle Swanson. This event is free and open to the public.

UNI Suzuki School Spring Concert
Sunday, May 20, 3 p.m.
Great Hall, GBPAC

The UNI Suzuki School will offer a spring concert. This event is free and open to the public.

UNI Suzuki School Youth Orchestra Concert
Monday, May 21, 7:30 p.m.
Bengtson Auditorium, Russell Hall

The UNI Suzuki School will offer a spring Youth Orchestra concert. This event is free and open to the public.

UNI Suzuki School Honors Recital
Tuesday, May 22, 6 p.m.
Bengtson Auditorium, Russell Hall

The UNI Suzuki School will offer their spring honors recital. This event is free and open to the public.

and schooling his classmates at the ping-pong table in the Department of Physics lounge.

“Physics is not for the faint of heart. However, if you enjoy being intellectually stimulated, pursuing a degree in physics is your best option. The Department of Physics has a plethora of excellent professors and research opportunities ranging from physics teaching to scanning-tunneling microscopy to computational condensed-matter physics. If you are interested in understanding the mechanisms of nature and enjoy the combination of philosophical and mathematical thought, become a physics major!”
The Department of Art will host its annual Graphic Design Students Portfolio Night on Wednesday, April 19, from 5:30-7 p.m. in the lobby of Kamerick Art Building South. The event is designed to showcase the talents and hard work of students upper-level graphic design students in Professor of Art, Phil Fass’ Graphic Design: Portfolio Preparation course. Promotional materials for the event were designed by graphic design student, Benjamin Rendall.

Students participating in the event include the following: Emily Bruggeman, Terrin Conlon, April Czarnetzki, Jacie Dahlstrom, Caleb Gabel, Abigail Halvorson, Allison Hamilton, Hillary Hanson, Tyler Hawke, Beau Hyenga, Hannah Kirvin, Margo Niemeyer, Benjamin Rendall, Joshua Ruden, Sarah Schultz, Heath Severson, Brad Smith, Alyssa Smith, Nathan Solberg, Bethany Thomas and Leah Wirtz.

As announced in the January/February edition of The Update, the College of Humanities, Arts, and Sciences (CHAS) proudly sponsored three of its undergraduate students as they presented their original work at the National Conference on Undergraduate Research (NCUR) at Weber State University in Ogden, Utah, on March 29-31.

Senior, Kelsey Hampton; junior, Anne Shepherd and senior, Erik Wolter were all nominated by CHAS faculty who submitted letters of nomination extolling the merits of each student’s work and demonstrating its significance to existing and emerging research and scholarship in the student’s disciplinary field.

The students are pictured above at the event in Utah where they traveled with Assistant Professor, Wendy Hoofnagle.