

school of Medicine

Report cites risks of over-the-counter contact lenses

One patient needed a corneal transplant and another is legally blind after wearing over-the-counter cosmetic contact lenses, according to a report by Case Western Reserve University researchers.

The over-the-counter contact lenses, which are illegal in the United States, are not worn to correct refractive errors. Instead, they are tinted to change the appearance of eye color or have various shapes and designs, ranging from animal eyes to sports team logos.

"Many people mistakenly think decorative contact lenses are just like sunglasses," said one of the report's authors, Thomas L. Steinemann of the MetroHealth Medical Center Eye Clinic and an associate professor of ophthalmology at Case. "If you're not wearing the lenses to correct refractive errors, you don't need a prescription. This is a dangerous misconception.

"People who wear lenses purchased from unlicensed vendors have been given no instructions and often practice risky behavior," Steinemann added. "They don't clean or disinfect the lenses. They sleep in them. They swim in them. They even swap them with their friends."

A total of six patients, from 14 to 32 years of age, are discussed in the observational case report published in a recent issue of "Eye & Contact Lens," the clinical journal of the Contact Lens Association of Ophthalmologists.

The patients, five females and one male, experienced vision-threatening problems after wearing contact lenses purchased from unlicensed vendors, including gas stations, beauty salons, video stores, corner stores and flea markets. They did not receive any instructions on how to properly care for or wear the contact lenses. And all of them were sold individually as contact lenses without a prescription, an examination or a fitting by an eye care professional such as an ophthalmologist.

According to the case report:

- One 14-year-old patient nearly lost her eye after contracting a serious bacterial infection. She was hospitalized for four days and was left with a corneal scar that affected her vision.

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frances payne bolton school of Nursing

Study suggests cardiovascular patients don't exercise regularly

by Jeff Bendix (jeff.bendix@case.edu)

Even patients recovering from heart attacks and other serious cardiovascular problems have trouble maintaining a regular exercise program, according to researchers at Case Western Reserve University's Frances Payne Bolton School of Nursing.

In a study of 83 patients who had heart attacks, bypass surgery or angioplasty (a technique to clear clogged blood vessels), researchers found that after completing a formal cardiac rehabilitation program 12 patients (14 percent) did not exercise at all over the next year. In addition, the number of people exercising, and their exercise frequency and intensity, all decreased in the 12 months following cardiac rehabilitation.

"It is critical that we work with these people to find out why there is such a drop-off," said Shirley M. Moore, lead author of the study and associate dean for research at the Bolton School. "Either they don't understand what is considered aerobic exercise, or we've designed a program for them that's so uncomfortable that they're not doing it."

Moore and colleagues followed 28 women

and 55 men of an average age of 62. After completing a standard 12-week cardiac rehabilitation program, patients were given heart rate monitors and instructed to wear them during exercise sessions over the next 12 months. Researchers asked them to exercise most days of the week for 35 to 45 minutes per session, recording their activity in a diary.

Though the duration of an exercise session remained constant at 48 minutes over the year, there were drop-offs in other exercise patterns measured:

- The number of people not exercising in a given month increased from 15 people (18 percent) in the first month to 46 people (55 percent) in the 12th month.
- The frequency of exercise per month decreased from 10.4 sessions in Month 1 to 5.7 sessions in Month 12.
- The amount of exercise decreased from 8.7 hours in the first month to 5.3 hours in the last month.
- The average percent of time that a participant spent in the targeted heart rate zone

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college of Arts and Sciences



photo by Susan Griffith

Kathleen Burke Clay shows off a costume from the spring play "An Ideal Husband."

Clay stitches her way to the stage

by Nancy Browning, University Communication intern

Case Western Reserve University's Kathleen Burke Clay dresses actors for the stage from the tips of their toes to the tops of their heads.

Those who saw "An Ideal Husband" at Eldred Theater this past spring couldn't help but notice its magnificent 1890s costumes. Clay, an adjunct lecturer, costume designer and costume shop manager at Case, ranked that show among her top 10 favorites.

For Eldred Theater's second play this year, Timberlake Wertenbaker's "Our Country's Good," Clay is designing some 20 wigs in the style British naval officers would have worn in 1789.

"Few people have hair today that can pass for those times," she said.

Clay's wigs will complement Russ Borksi's production designs for the play set in an Australian penal colony, where the staff and prisoners are planning a performance to celebrate the king's birthday.

Performances of "Our Country's Good" are at 8 p.m. November 14, 15, 20, 21 and 22, with two matinees at 2:30 p.m. November 16 and 23, all in Eldred Theater.

Clay won't reveal her secret for great costumes. With a playful smile, she said it is important to maintain for the audience a "willing suspension of disbelief."

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Case Comprehensive Cancer Center receives \$3.3 million to integrate cancer and aging research

The Case Western Reserve University Comprehensive Cancer Center has been awarded a \$3.3 million grant from the National Cancer Institute (NCI) and the National Institute of Aging (NIA) to integrate aging and cancer research over a broad spectrum of basic and clinical sciences and to study the impact of age and aging on the basic biology and clinical course of cancer.

During the next five years, Nathan A. Berger, the Hanna-Payne Professor of Experimental Medicine and principal investigator, along with co-investigator Jerome Kowal, the Amasa B. Ford Professor of Geriatric Medicine, will coordinate collaborative efforts between cancer and aging researchers from Case's School of Medicine, College of Arts and Sciences and Frances Payne Bolton School of Nursing.

"The integration of cancer and aging research has become a critical challenge and an important opportunity," Berger said.

school of Medicine

Studies will be carried out in association with University

Hospitals of Cleveland, the Louis Stokes Cleveland VA Medical Center and the MetroHealth System to investigate cancer prevention, detection and treatment in elderly patients. Studies will consist of clinical trials to examine the efficacy and tolerance of new therapeutic regimens in older patients and to evaluate side effects of therapy when they occur along with other conditions commonly

found in older patients. Fundamental research also will be conducted to examine the biology of aging and cancer.

Specific research projects to be funded in the first year of the grant include Age Related Changes in Brain Tumor Biology, Regulation of Clusterin (a DNA repair protein) in Cancer and Aging, Pharmacokinetics and Toxicity Assessment in

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Calendar

The deadline for submissions to each issue of Campus News is 10 days prior to the publication date. Please check the deadline schedule at <http://www.case.edu/pubs/cnews/0304pubs.htm>.

Submit your items to the University and Campus News calendars online at <http://www.case.edu/CWRUEvents/>, or submit items only for the Campus News calendar to Maria Wolf via e-mail at mew15, via voice at 368-4440 or in person or via campus mail to 14 Adelbert Hall LC: 7017.

Lectures



Thursday, November 6 . . . "Measuring Time, Frequency and Sound in 1900." William Fickinger and Peter Hoekje. A special demonstration lecture on early physics research done at Case. Shankland Lecture Hall, Rockefeller Building, 4:15 p.m.

Friday, November 7 . . . Art History and Art Seminar: "The Prodigal Son in the Gothic Cathedral: Art and Subjectivity in the Thirteenth Century." Gerald Guest. Lecture Hall, Cleveland Museum of Art, 12:30 p.m. Contact: Debby Tenenbaum, 368-4118 (dxt6).

Friday, November 7 . . . Raymond F. Boyer Lecture Series in Macromolecular Science and Engineering: "Computational Modeling of Polymers." John Curro. Auditorium, Clapp Hall, 3 p.m. Contact: 368-3596 (maao).

Friday, November 14 . . . Case Comprehensive Cancer Center: Olof Pearson Lecture. "Jak/Stat Signaling in Normal Development and Cancer." Lothar Hennighausen. 105 Biomedical Research Building, 4:15 p.m. <http://cancer.cwru.edu/Olof1.pdf>. Contact: Christine Rhoads, 844-1675 (cmr4).

Seminars, meetings & conferences



Thursday, November 6 . . . City Class Room Series: Sponsored by Alumni Relations, Programs and Events. "Business as an Agent of World Benefit." David Cooperrider. Admission: \$10. The City Club, 850 Euclid Ave., 7:30 a.m. Contact: Melissa Winter, 368-2416 (maw13).

Thursday, November 6 . . . Center for Women: Act III Round Table. Discussion group for women in or nearing retirement 303 Thwing Center, 4 p.m. <http://www.cwru.edu/provost/centerforwomen/>. Contact: GINETTE BOYARKO, 368-0985 (geb9).

Thursday, November 6 . . . Chemistry Colloquium: "Proton-coupled Electron Transfer." Daniel G. Nocera. Refreshments, 4:15 p.m., Clapp Hall balcony. 108 Clapp Hall, 4:30 p.m. <http://www.case.edu/artsci/chem>. Contact: Pat Eland, 368-3622 (pme2).

Thursday, November 6 . . . The United States and Europe: A series of four presentations co-sponsored by the Center for Policy Studies and the Cleveland Council on World Affairs. Second in the series: "Butter: What Kind of Global Economy?" Presenters: Amy Medearis, Eliot Posner and Simon Reich. Ford Auditorium, Allen Memorial Library, 5 p.m. Contact: Joseph White, 368-2426 (jw87).

Thursday, November 6 . . . Biology Seminar: "Mixture Models and their Applications to Bioinformatics and Image Analysis." Ramani S. Pilla. 4:15 p.m. Clapp Hall, 4:15 p.m. Contact: Bethany Pope, 368-3557 (bvp).

Thursday, November 6 . . . Special Pharmacological Sciences Seminar: "Research Foci: Brain Cytochromes P 450 and Local Metabolism on CNS Drugs. Neurodegenerative Disorders and Mitochondrial Redox Homeostasis." Vijayalakshmi Ravindranath. W344 School of Medicine, 11 a.m. <http://pharmacology.case.edu>. Contact: Jackie Martin, 368-4617 (jw65).

Friday, November 7 . . . Special Analysis Seminar: "The Busemann-Petty Problem for Gaussian Measures." Artem Zvavitch. Sponsored by the Department of Mathematics. Refreshments: 2 p.m., 207 Yost Hall. 300 Yost Hall, 2:30 p.m. Contact: Diane Robinson, (drr).

Friday, November 7 . . . Case Comprehensive Cancer Center/Blood Club Seminar: "Burkitt's Lymphoma and Update on Status of Protocol CWRU 2498: Oral Chemotherapy for Aids Lymphoma in East Africa." Scot C. Remick and Jackson Orem. Reception follows outside conference room. Amphitheater, 123 Rainbow Babies and Children's Hospital, 4:15 p.m.

Monday, November 10 . . . Skeletal Research Center Seminar

Series: "Repair of a Critical Size Bone Defect: Cells and/or Materials?" Jizong Gao. 123 Millis Science Center, 4 p.m. <http://www.cwru.edu/artsci/biol/skeletal/>. Contact: Debbie, 368-3562 (ddb9).

Monday, November 10 . . . The United States and Europe: What Now for "the West"? A series of four presentations on US/European relations after the Iraq war. Co-sponsored by the Center for Policy Studies and the Cleveland Council on World Affairs. Third in the series: "Beliefs: National Cultures and National Interests." Presenters: Christopher Caldwell, Patrick Chamorel, Lawrence Malkin. Ford Auditorium, Allen Memorial Library, 5 p.m. <http://www.cwru.edu/artsci/cps>. Contact: Joseph White, 368-2426 (jw87).

Tuesday, November 11 . . . Mathematics Seminar: "Exploiting Symmetry in Fan Beam CT via Multichannel Sampling." Steven H. Izen. 321B Yost Hall, 4 p.m. Contact: Diane Robinson, (drr).

Wednesday, November 12 . . . Center for Women Multicultural Series: "Telling Our Stories." Facilitated panel discussion. Refreshments served. Spartan Room, Thwing Center, 6 p.m. <http://www.case.edu/provost/centerforwomen>. Contact: GINETTE BOYARKO, 368-0985 (geb9).

Thursday, November 13 . . . Chemistry Colloquium: "Visualization of Molecular Transport Across Skin Using Scanning Electrochemical Microscopy." Henry S. White. Refreshments, 4:15 p.m., Clapp Hall balcony. 108 Clapp Hall, 4:30 p.m. <http://www.case.edu/artsci/chem>. Contact: Pat Eland, 368-3622 (pme2).

Thursday, November 13 . . . Center for Women: Women's Creative Writing Group. 303 Thwing Center, 7 p.m. <http://www.case.edu/provost/centerforwomen>. Contact: GINETTE BOYARKO, 368-0985 (geb9).

Friday, November 14 . . . Law, Technology and the Arts Symposium: The Past, Present, and Future of the Federal Circuit. Luncheon keynote: Paul Michel. There is a fee for CLE credit. Moot Court Room, School of Law, 9 a.m. to 4:30 p.m. <http://www.law.cwru.edu/alumni/LTASymp2003.pdf>. Contact: 368-3308 (lawalumni).

Friday, November 14 . . . New Music Festival Symposium: Contemporary composition and performance techniques for the piano. Marilyn Nonken, guest artist. Cleveland Institute of Music 11021 East Blvd., 2:30-4 p.m. <http://www.cim.edu>. Contact: 791-5000.

Saturday, November 15 . . . Neurosciences Seminar: "The Emerging Role of the Neuronal Kinase Cdk5 in Synaptic Plasticity." James Bibb. E609 School of Medicine, noon. <http://neurowww.cwru.edu>. Contact: Gina Ventre (glv).

Computer classes



Registration and up to date class information for classes listed below is available online at <http://kslearn.case.edu>. If you encounter technical problems or error messages with the process call 368-2991. All classes are held at 215 Kelvin Smith Library unless otherwise noted.

Thursday, November 6 . . . Dreamweaver: Introduction, 1:30-4:30 p.m.; Copyright at Case, 1-2 p.m. (Class meets in LL06).

Monday, November 10 . . . Photoshop: Introduction, 1-2 p.m.

Tuesday, November 11 . . . MS Access Topics: Generating Reports, 8:30 to noon; MS Word: Macros, Templates and Forms, 1-4 p.m. (Class meets in LL06).

Wednesday, November 12 . . . MS Excel: Introduction, 10 a.m. to noon.

Thursday, November 13 . . . Advanced VBA for Non-Programmers, 8:30 a.m. to 4:30 p.m.

Friday, November 14 . . . Introduction to Programming, 8:30 a.m. to 4:30 p.m.

Lunchtime meetings



Friday, November 7 . . . Center for Women: Staff Brown Bag. Net working opportunities and informal discussion. 303 Thwing Center, noon. <http://www.case.edu/provost/centerforwomen>. Contact: GINETTE BOYARKO, 368-0985 (geb9).

Friday, November 7 . . . Public Affairs Forum: "Preserving Lake Erie: Making Development Compatible with a Healthy Lake." Joseph Koonce. Beverages and cookies provided. 14 Crawford

Hall, noon. <http://www.case.edu/artsci/cps/PADG.htm>. Contact: Jeff Bendix, 368-6070 (jxb34).

Monday, November 10 . . . Video on Wheels: "Telephone Courtesy Pays." 313 Crawford Hall, noon. Contact: Tina Jurcisin, 368-2834 (tmj).

Tuesday, November 11 . . . Eldercare Resource Group: "Geriatric Medicine." Teresa Dolinar. 13 Crawford Hall, noon. Contact: Carolyn Gerich, 368-2458 (cag16).

Wednesday, November 12 . . . Middy Music at CIM: Student Recital Series. Bring your lunch and enjoy a variety of short solo and chamber music selections performed by CIM students. Le Pavillon, Cleveland Institute of Music, 12:30 p.m. <http://www.cim.edu>. Contact: 791-5000.

Thursday, November 13 . . . CWRU 101: "Personal Safety on the Case Campus." Karen Gregor. Learn some helpful tips on being safe on campus and the surrounding community. 13 Crawford Hall, noon. Contact: Tina Jurcisin, 368-2834 (tmj).

Friday, November 14 . . . Public Affairs Forum: "Into Africa? The Bush Administration's Africa Initiative." Kathryn Lavelle. Beverages and cookies provided. 14 Crawford Hall, noon. <http://www.case.edu/artsci/cps/PADG.htm>. Contact: Jeff Bendix, 368-6070 (jxb34).

Dissertation defenses



Thursday, November 6 . . . "Predictors of Change in Physical Function in Chronic Rehabilitation Elderly Patients Using the Minimum Data Set." Jia Lee, nursing. Adviser: Patricia Higgins. 203J School of Nursing, 9:30 a.m.

Thursday, November 6 . . . "Stories They Tell Themselves: Minds at Work in Fictional Dreams." Leigh Fabens, English. Adviser: William Marling. 219 Guilford House, 10 a.m.

Thursday, November 6 . . . "A Robust Multivariable Control System Design and Tuning Software (MCTUNE)." Tinnakorn Kumsaen, chemical engineering. Adviser: Coleman B. Brosilow. 709 Olin Building, 2 p.m.

Monday, November 10 . . . "Position Annihilation Lifetime Spectroscopy of Polymers." Brian Olson, physics. Adviser: Chuck Rosenblatt. 221 Rockefeller Building, 9:15 a.m.

Tuesday, November 11 . . . "Self-esteem, Learned Resourcefulness and Self-management Behavior of Thai Adolescents with Asthma." Sunida Preechawong, nursing. Adviser: Jaclene Zauziewski. 203J School of Nursing, 1 p.m.

Tuesday, November 11 . . . "An Experimental Approach to Cross-cultural Adaptation: A Study of Japanese Expatriates' Learning Styles, Learning Skills and Job Satisfaction in the United States." Yoshitaka Yamazaki, organizational behavior. Adviser: David Kolb. 123 Peter B. Lewis building, noon.

Sports



For schedule changes and contest results visit: <http://www.case.edu/orgs/varsity/varsity.html>.

Friday and Saturday, November 7 and 8 . . . Volleyball UAA Championships @ New York, TBA.

Saturday, November 8 . . . Football vs. University of Rochester, noon; Soccer at University of Rochester: Men's, 12:30 p.m.; Women's, 3 p.m.

Saturday, November 15 . . . Football @ University of Chicago, noon (CST); Men's and Women's Cross Country @ NCAA Regional-Hanover College, 11 a.m.

Concerts



Wednesday through Saturday, November 12-15 . . . CIM Opera Theater: Mozart's "The Marriage of Figaro." Presented in English and Italian with superlites projected above the stage. Order your tickets online. Adults, \$15, and students and seniors, \$10. Cleveland Institute of Music, 11021 East Blvd., 8 p.m. <http://www.cim.edu>.

Saturday, November 15 . . . Chapel, Court and Countryside: Early Music at Harkness. "Keyboard Music from the Golden Age

in France." Mitzi Meyerson, harpsichord. An informal Q&A sessions follows the engagement. Series subscription \$70 or \$65 for students, seniors and EMA members. Single tickets: \$20 or \$18. Harkness Chapel, 7:30 p.m. <http://music.case.edu/ccl>. Contact: Beverly Simmons, 283-4649 (bxs6).



Film

Adults \$3, children 12 and under \$2, 10-film pass \$25, semester pass \$50. For more information visit: <http://films.case.edu/schedule.html>. Contact: Case Film Society, 368-2463.

Friday, November 7 . . . "Hulk." Strosacker Auditorium, 7 and 10 p.m.

Saturday, November 8 . . . "The Mouse that Roared." 7 and 9 p.m.

Friday, November 14 . . . "Terminator 3: Rise of the Machines." Strosacker Auditorium, 7, 9:30 p.m. and midnight.

Saturday, November 15 . . . "The Big Picture." Strosacker Auditorium, 7 and 9:30 p.m.



Theater/dance

Thursday through Sunday November 6-9 . . . "Tracings." An evening of dance works by faculty and guest artists featuring a reconstruction of "Steps in the Street" from "Chronicle" by Martha Graham and "Bolero" by Pascal Riout. Single ticket, \$10; 60+/faculty/staff, \$7; students with ID, \$5. Box office: Eldred Theater. Mather Dance Center, 11201 Bellflower Road, 8 p.m. Contact: 368-6262.



Deadlines

Thursday, November 6 . . . Semi-monthly payroll cutoff, 10 a.m.

Friday, November 7 . . . Deadline for removal of previous term "I" grades (UG).

Friday, November 7 . . . Deadline credit/audit (G).

Friday, November 7 . . . Deadline for class withdrawal.



Other events

Thursday, November 6 . . . Heritage and Cultural Celebration. An open house of exhibits and displays sharing information about a variety of heritages and cultures represented within the Case student, faculty and staff community. Ballroom, Thwing Center, 11 a.m. to 2 p.m. <http://www.cwru.edu/finadmin/humres/eerel/culture.html>. Contact: Carolyn Gerich, 368-2458 (cag16).

Thursday, November 6 and 13 . . . Supplemental Retirement Plan C Seminars. 209 Crawford Hall, 10 a.m. <http://www.case.edu/finadmin/humres/benefits/PlanC.html>.

Saturday, November 8 . . . Phi K Race for the Kids. 5K Race sponsored by Phi Kappa Tau-Alpha Delta Chapter. Participation fee: Students, \$15, and non-students, \$17. See Web site for details. 10 a.m. to noon. <http://home.cwru.edu/~jxh107/race.html>. Contact: Greg Doerk (5k).

Saturday and Sunday, November 8 and 9 . . . SatCo classes begin. Fun and provocative non-credit, no-tuition "courses." 8 a.m. to 5 p.m. <http://ess.case.edu/vision/satco/>. Contact: Mayo Bulloch (mxb14).

Monday, November 10 . . . Registration for spring semester begins.

Wednesday, Thursday and Friday, November 12, 13 and 14 . . . TIAA-CREF Individual Retirement Counseling Sessions. Reservations required. 209 Crawford Hall, 8 a.m. to 5 p.m. Contact: Kay Fulk or Alisia Powell, 1-877-209-3138.

Now through November 19 . . . Basket raffle donations needed. Contact: Judith (jko2) or Rhonda (rmp3).

Now through November 24 . . . Office of Multicultural Affairs Turkey Drive: Monetary donations needed. Stop by the office or call. 450 Sears Library Building. Contact: 368-2904.

FOR YOUR INFORMATION

SAC to host VP open forum

Case Western Reserve University's Staff Advisory Council will continue its series of open forums with university vice presidents. Anthony Kinslow, vice president for human resources, and Hossein Sadid, chief financial and administrative officer, will be available for discussion from 11:30 a.m. to 1 p.m. November 13 in the 1914 Lounge of Thwing Center. For details, go to <http://www.cwru.edu/president/sac/sac.html>.

Charity Choice to continue

The deadline for Case Western Reserve University's 2003 Charity Choice Campaign has been extended to November 14, and employees may still make contributions through the end of the year.

The deadline extension also applies to the early donor raffle. Case employees who pledge a minimum of \$52, or a dollar a week over the coming year, by November 14 will be eligible to win prizes.

Donations may be made to Greater Cleveland Community Shares, Earth Share of Ohio and United Way Services; individual agencies affiliated with these umbrella organizations; or other indepen-

dent organizations that have been certified with 501(c)3 tax status.

For more information on these organizations, visit the Charity Choice Web site at <http://www.cwru.edu/president/cir/charitychoice/ccopeningpg.htm>. For details on the campaign, call Lynice Willis at 368-5886.

Campus to shack up for Habitat

Members of the Case Western Reserve University community will be shacking up to raise money for Case's Habitat for Humanity chapter and to raise awareness about poverty housing and homelessness.

Students, faculty and staff will be sleeping in boxes outside the north residence halls from 8 p.m. November 7 to 6 a.m. November 8. All participants are asked to raise \$50 in sponsorship before arriving and to bring non-perishable food items to be donated to the Cleveland Food Bank.

All those interested in taking part in the Case Habitat for Humanity "Let's Shack Up" event also must attend mandatory cold weather training during an informational meeting at 6:30 p.m. November 5 at Wade Fireside.

E-mail Sapna Shah at sxs205@case.edu for details.

Session to cover historical Times

The next workshop in a free KSL series highlighting Case Western Reserve University resources, called Thursday Topics, will provide tips on searching the historical New York Times database.

The session is from 11:30 a.m. to 1 p.m. today in KSL 215.

Barbara Brazis-Lang, database expert from ProQuest, will offer instruction on effective searching for reviews, classified ads, photos and more. The historical file delivers cover-to-cover issues exactly as they appeared to readers at the time. A person can search war news from Confederate victories, read 1880s or 1970s political scandals or check the stock market or editorial cartoons from specific years or events.

Reservations are not required for the workshop. Call 368-5291 with questions.

Harpsichordist to perform

The Case Western Reserve University department of music continues its 18th season of Chapel, Court & Countryside: Early Music at Harkness with harpsichordist Mitzi Meyerson.

Meyerson will perform a program of "Keyboard Music from the Golden Age in

France" at 7:30 p.m. November 15 in Harkness Chapel. She also will conduct an informal question-and-answer period.

In addition, Meyerson will give a free, public master class for students in the Case/Cleveland Institute of Music (CIM) joint program at 12:30 p.m. November 14, also in Harkness Chapel.

Tickets for the performance are \$20 for the general public, \$18 for seniors and members of Early Music America, \$10 for non-Case/CIM students and free for Case/CIM students. Call 368-2402, e-mail chapel@case.edu or visit <http://music.case.edu/ccl> for more information.

UCITE to offer fellowships

The Case Western Reserve University Center for Innovation in Teaching and Education is offering Learning Fellowships for faculty members who want to explore in depth concepts of how people learn and how those concepts can be applied in the classroom.

For information on the fellowships and how to apply, contact UCITE at ucite@case.edu or 368-1224. Information also is available at <http://www.cwru.edu/provost/UCITE>.

Case to create digital archives of archaeology finds

by Susan Griffith
(susan.griffith@case.edu)

Instead of archaeology finds and field notes gathering dust on shelves or being packed away in boxes to mold in damp basements, the discoveries are going digital at Case Western Reserve University.

Case's University Library will use a three-year, \$385,000 National Science Foundation (NSF) grant to develop new electronic tools to record archaeological discoveries and observations in real time from the field. The virtual archive is a collaborative project of Case, Vanderbilt University and Virginia Tech University.

Leading the development of these new tools will be James Flanagan, the

Paul J. Hallinan Professor Emeritus in religion at Case.

"The world is moving toward library systems of collaboratively held digital collections that take advantage of integrated information technology systems to provide access to distributed information," said Joanne Eustis, director of the University Library. "Case libraries aspire to be at the forefront of the digital library movement."

The NSF's Information Technology Research Division selected the Case archaeology project from 1,475 applications, and it was one of fewer than 150 funded.

Eventually the technologies, called DigKit (the field recording tools) and DigBase (an enormous catalogue of Near East docu-

ments), will find a permanent Web home at Electronic Tools and Ancient Near Eastern Archives (ETANA), housed at the campus library of Vanderbilt University.

ETANA is a consortium of institutions that includes Case, Vanderbilt and Virginia Tech along with the Oriental Institute of the University of Chicago, archaeology institutes at Tel Aviv University and Mississippi State University, the American Oriental Society, the American Schools of Oriental Research and the Society of Biblical Literature.

"While the Case libraries straddle the world of virtual and traditional collections, we believe in the potential of digital libraries to transform research, learning and society," Eustis said. "Like teams of scholars, librar-

ians and their academic colleagues are acting strategically through projects like ETANA and funding opportunities such as the NSF award to share knowledge and resources. Possibilities for collaboration and contributions in the future appear boundless."

Flanagan is working with co-investigators Eustis; Douglas A. Knight, Vanderbilt University's Professor of Hebrew Bible; and Virginia Tech computer scientists Edward Fox and Weiguo Fan.

"This is the first time that library science, computer science and Near Eastern archaeology have worked in close relationship to preserve and disseminate archaeological data and reports," Flanagan said.

Overall accreditation preparations underway

Case Western Reserve University soon will have the opportunity to present its powerful learning environment to the organization that provides overall institutional accreditation.

Every 10 years, the Higher Learning Commission of the North Central Association (NCA) evaluates the university for continued accreditation. Case was last accredited in 1994-1995 and has begun to prepare for its next evaluation visit in 2005.

Rather than treating accreditation as a compliance activity, Case is planning to use its extensive preparations for re-accreditation to help advance the university's vision.

The university has customized the self-study portion of its continued institutional accreditation process to focus on "The Transformational Learning Environment." The introspection will emphasize four areas of special interest: interdivisional collaborations and partnerships; faculty engagement, motivation and commitment; undergraduate student development; and graduate and professional student development.

"The fruits of the university's preparation are expected to extend beyond satisfaction of accreditation criteria," said Donald Feke, interim deputy provost and vice president for academic programs. "We are transforming a standard accreditation process into an exercise that will help advance the university and its vision."

After Case completes its self-study, the Higher Learning Commission is expected to conduct a site visit April 11-13, 2005, and to release results of the complete assessment a few months later.

The Higher Learning Commission's accreditation process for all universities includes evaluations of activities and accomplishments in five general areas. Since it will be visited in the 2004-2005 academic year, Case will be one of the first to be evaluated under a new set of accreditation criteria adopted by the commission. These new criteria focus on the mission of the university, planning and resources to pursue the mission, learning and teaching, research and service and community interaction.

In addition to the four special emphasis areas of its self-study, Case's preparations include an examination of progress since the previous

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college of Arts and Sciences



photo by Joel Hauserman

Tracings

The Mather Dance Program in the department of theater and dance at Case Western Reserve University opens its concert season with "Tracings." Performances are at 8 p.m. today through November 8, with a 2:30 p.m. matinee on November 9, all in Mather Dance Center. Admission is \$5 for students; \$7 for faculty, staff and senior citizens; and \$10 for general admission. For reservations and information, call the box office at 368-6262.

University, OneCleveland partners light up wireless in Wade Oval

Case Western Reserve University, the Cleveland Museum of Art, University Circle Inc. and two Case alumni-turned-wireless-switching-gurus have collaborated to extend the OneCleveland wireless program to cover all of Wade Oval.

Designed and implemented to coincide with the recent grand reopening of the oval, the availability of free public wireless services in the park located within Cleveland's University Circle extends what is already the nation's largest wireless cloud of connectivity.

Lighting up Wade Oval with end-to-end wireless coverage required a new, innovative technology solution. Case grads Ken Biba and

Skip Crilly, founders of Vivato Inc., a San Francisco-based WiFi infrastructure company, provided what analysts call the first enterprise switches for WiFi deployments for large indoor and outdoor coverage.

Biba, chairman of the board of Vivato, received a bachelor's degree in physics and a master's degree in computer science from Case, while Crilly holds a bachelor's degree in electrical engineering from the university's Case School of Engineering.

"Working with Case and the organizations in OneCleveland is exciting not only because they have an amazing vision but also because it is Cleveland and it's happening

at University Circle," Biba said.

OneCleveland is a bold initiative supported by Case, the City of Cleveland, Cleveland State University, Cuyahoga Community College, the Regional Transit Authority, the Cleveland Municipal School District and WCPN/WVIZ's *ideastream*. The OneCleveland consortium is committed to deploying state-of-the-art digital infrastructure in support of community goals, including a healthy Cleveland, bridging the digital divide, access to cultural and art institutions, better government and public services and world class research.

According to Dell Klingensmith, interim

executive director of OneCleveland, the partners intend to make wireless service available everywhere its fiber optical infrastructure extends.

"We have started in University Circle because there are actually thousands of miles of fiber optics in the circle," Klingensmith said. "This provides not only for unprecedented speeds to support leading-edge applications but also serves as the foundation for extending wireless services."

In the coming weeks, OneCleveland expects to light up additional services in University Circle as well as extend wired and wireless services across the region.

Nominations sought for recipients of honorary degrees

Case Western Reserve University is accepting nominations for honorary degree candidates to be recognized at commencement ceremonies next May.

The university confers up to six honorary degrees each year at commencement to recognize individuals for excellence in any valued aspect of human endeavor, including scholarship, public service and the performing arts.

Preferably, honorees have a significant relationship to the university, higher education or the State of Ohio.

Faculty, staff, students, alumni or private citizens may nominate candidates, but the candidates

cannot be current members of the university's faculty, staff or Board of Trustees.

The nominator assumes full responsibility for gathering all information required for the committee to accurately assess a candidate. In addition to documentation of achievements, nominators must supply a vita or biographical sketch of the nominee and a letter of recommendation.

Nomination forms are available from and may be returned to this year's honorary degree committee members or Mary Ann Pelot in the Office of the President and Provost.

Members of the 2003-2004 honorary degree committee are:

Gene Anderson, nursing; Fred Collopy, Management Information and Decision Systems; Robert Dunbar, chemistry; Satish Kalhan, pediatrics; Juliet Kostitsky, law; Ronald Occhionero, dentistry; Nancy Rahn, physical education; Yoram Rudy, biomedical engineering; Lynn Singer, interim provost (ex officio); Kathleen Wells, Mandel School of Applied Social Sciences; and Richard Zdanis, provost and university vice president emeritus and professor emeritus of physics.

Case's Faculty Senate nominates faculty to serve on the committee. To learn more, e-mail Pelot at mep3@case.edu.

In Memoriam

Klain became professor emeritus in 1983

Maurice J. Klain, an associate professor emeritus of political science at Case Western Reserve University, died September 29. He was 83.

Klain joined Case's faculty as an assistant professor of political science in 1949. He was awarded tenure in 1952, promoted to associate professor in 1956 and earned emeritus status in 1983. He also served as chair of the political science department from 1972-1974.

An author of many articles published in professional journals, Klain's major fields of research were American government, political theory and comparative politics.

Klain earned a bachelor's degree "with distinction in government" from the University of Nebraska in 1940, a master's degree from Oberlin College in 1941 and a doctorate from Yale University in 1949.

Before joining the Case faculty, Klain held teaching positions at Amherst College, Connecticut College, New Jersey College for Women and Yale University.

SCOREBOARD

Women's Soccer

October 23:
Case 1, Centre 0

Volleyball

October 24–October 25:
at Kenyon Tournament

Heidelberg 3, Case 1
(30-26, 27-30, 30-24, 30-23)

Case 3, Denison 0
(30-21, 34-32, 30-25)

Case 3, Kenyon 1
(23-30, 30-21, 30-24, 30-28)

Case 3, Thiel 1
(28-30, 30-26, 30-15, 30-22)

Football

October 25:
Washington (MO) 10, Case 38

spartan Sports

Teams, fans to bid fond farewell to Finnigan Fields

by Creg Jantz (creg.jantz@case.edu)

What will Spartan fans take home from the last football game at Case Western Reserve University's Finnigan Fields? Will it be a divot of grass, maybe a hunk of bleacher or possibly a piece of the goal post?

To avoid prosecution, fans should probably stick with the memories of some great players—collegiate and professional—who have graced the field over the past 35 years: gridiron guys and Hall of Famers from Western Reserve University, Case and even the Cleveland Browns.

The university soon will break ground on phase one of its new North Residential Village, so the Spartans will be without game and practice facilities until the fall of 2005. The project includes replacing Finnigan Fields with a new multipurpose stadium with a synthetic turf field.

The best football team, besides the Browns, to rumble onto Finnigan was the 1984 Spartans who posted the school's first and last undefeated season. That team was under the direction of Case's all-time winningest coach Jim Chapman (36–7–1 from 1982–1986).

Chapman's first game as a Spartan was one of national interest—but not the good kind. He took over a team that had a 23-game losing streak, which at the time was almost the longest in the nation, second only to Northwestern who was at 24.

"I remember my first game; we lost at Oberlin. And all I could think of was whether Northwestern had lost, too. They did," Chapman said. "Then the next week we upset John Carroll University at home, and from that point on things got better."

Better is what the Case football program has recently become under third-year Head Coach Joe Perella. Last year's team posted the school's first winning record in over 10 years, and this year the Spartans are 4–3.

Enough about the coaches. What about the players? And why not start in the present. Senior quarterback Eli Grant and senior running back Brandon McDowell have made pretty good names for themselves on the Finnigan turf.

"One thing's for sure," Perella said, "they have smashed all the records. They are hard-working kids, who are the building blocks of this new program."

Grant, the school's all-time leading passer (3,423), currently holds seven season and career passing records, and McDowell, the school's all-time leading rusher (3,070), has nine rushing and scoring records.

"It's our home field, and it's always nice playing on your home field no matter if it's a little outdated," Grant said. "It was my home for four years, and, fortunately, we have been able to win some games there."

As for past players, three current Case Reserve Athletic Club Hall of Famers and former All-Americans who played under Chapman back in the mid-1980s come to mind: quarterback Fred DiSanto (Case '85), linebacker Fred Manley (Case '86) and offensive lineman Mark Raiff (Case '87). Both DiSanto and Manley were All-Americans in 1983 and 1984, while Raiff was a three-timer ('83, '84, '85).

"We had a great run at Finnigan and a tremendous turn around," DiSanto said. "After not winning a game my freshman year (0–9), we went 5–3, 8–1 and 9–0 and ranked ninth in the nation my senior year. I met some great people, played in some great games and had some great victories at Finnigan."

The Spartans play their final home game of the season and their final game on the Finnigan football field at noon November 8 when they take on the University of Rochester.

Accreditation

(continued from page 3)

accreditation report. The outcome of the 1995 accreditation visit was very positive, but the commission did ask the university to pay attention to three specific areas: Case had no centralized, formalized outcome assessment program at that time, and undergraduate minority student recruitment and the number of doctoral students in the social sciences and humanities both had declined slightly between 1984–1985 and 1994–1995.

A steering committee has been appointed to lead the re-accreditation preparations and coordinate the overall process. An outcome assessment executive committee, which exists independently of the accreditation process, will help support the application. In addition, four special emphasis subcommittees will conduct the customized studies.

The steering committee consists of Feke, Richard Baznik, Molly Berger, Richard Boyatzis, Matthew Cross, Cleve Gilmore, Lawrence Greksa, Jean Gubbins, Wilbur Leatherberry, Frank Merat, Edward Powley, Marsha Pyle, Robert Savinell, Lynn Singer, C. Kent Smith and May Wykle.

Feke, Boyatzis and Pyle also are members of the outcome assessment executive committee. They are joined by Richard Aach, James McGuffin-Cawley, Hiram Chodosh, Elizabeth Damato, Wallace Gingerich, James Henson, David Hutter and Jill Korbin.

The subcommittee on interdivisional collaborations and partnerships consists of Patrick Crago (chair), Louise McKinney (vice chair), Daniel Anker, Baznik, Paul DiCorleto, Susan Eagan, James Lalumandier, Gail McCain, Mehran Mehregany, Casey Porto, Quentin Quereau, J.B. Silvers and Wykle.

The subcommittee on faculty engagement, motivation and commitment includes Stuart Youngner (chair), Claudia Coulton (vice chair), Randy Beer, Diana Bilimoria, Gilmore, Leatherberry, Andre Mickel, Dorothy Miller, Shirley Moore, Mano Singham and Eric Youngstrom.

Members of the subcommittee on undergraduate student development are Alan Roche (chair), Jes Sellers (vice chair), Berger, Mayo Bulloch, Emily Donovan, Jonathan Glicoes, Joyce Jentoft, Marilyn Lotas, Merat, Susan Nickel-Schindewolf, Sandy Kristin Piderit, Joseph Prael and Jasmine Rowan.

The subcommittee on graduate and professional student development includes Wallace Gingerich (chair), Thomas Csordas (vice chair), Boyatzis, Alison Hall, Kim Hyde, Lewis Katz, Thomas Kicher, Lenore Kola, Pyle, Beverly Roberts and Kenneth Singer. The subcommittee expects to add one more student to represent the professional schools.

Lenses

(continued from page 1)

The patient later required a corneal transplant and will need regular observation and treatment for the rest of her life.

- A 24-year-old woman became legally blind from corneal scarring in one eye after she developed conjunctivitis (pink eye) and was treated for herpes simplex and bacterial keratitis. She reported wearing disposable contact lenses for approximately six months, often sleeping in them.

- A 32-year-old man scratched his cornea while trying to remove costume contact lenses. He had developed painful inflammation from a lens that did not fit. This required multiple treatments over several weeks. Problems that may result from this risky behavior include corneal abrasions, epithelial keratitis, infectious ulcers and the blinding Acanthamoeba organism. Although no cases have been documented, the report also suggests HIV transmission is a potential risk among those who exchange their contact lenses with others.

Another co-author on the paper from Case is Loretta B. Szcotka, from the department of ophthalmology at University Hospitals of Cleveland.

Exercise

(continued from page 1)

(a sign of a good workout for the heart) decreased from 34.3 percent to 28.2 percent over the year.

Moore said she is familiar with patients' usual reasons for not exercising, and older women generally are not big exercisers to begin with.

"They're not used to sweating. To them it's not equated to health," she said.

For men, time can be an issue. Others think they're "macho"

enough that they will overcome the health issues on their own or they may be in denial that there is a problem at all, according to Moore. Generally, when men stop participating in organized sports teams, they tend to not exercise.

"Still," she said, considering the severity of their illness, "the group that didn't exercise at all is a bit of a shock to us."

Moore is looking into establishing a program of "booster doses" of cardiac rehabilitation, where

patients can return every two months for follow-up.

The research findings were presented recently at the annual meeting of the American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR) in Kansas City.

Study co-authors from the Bolton School are Jacqueline M. Charvat, Beverly L. Roberts and Mary A. Dolansky. They were joined by Paul M. Ribisl from Wake Forest University.

Stage

(continued from page 1)

Just the second person to earn a master's of fine arts degree in design from Case's department of theater arts (now theater and dance), Clay has designed costumes for shows at Eldred Theater, Lyric Opera Cleveland, Cleveland Sign Stage, Cleveland Play House Children's Theater and Factory Theater.

She said the most challenging of all the shows with which she has been involved so far was "The Invisible Man," which she worked on as an intern at the Cleveland Play House.

Not only had she overbooked herself, working on two shows at once, but Clay said costumes had to be duplicated, and some made in triples, in order to accommodate the different riggings for creating the illusion of a character who wasn't actually there.

While earning her degree at Case, Clay had the opportunity to work a number of internships at the

Cleveland Play House.

"The Cleveland Play House has a very workable and collaborative attitude toward theater," Clay said.

Clay identified that "collaborative art form" aspect of the theater as the element that most appeals to her. She described it as a "team sport" in the arts.

"It becomes very exciting to watch something grow, change, really become beautiful and hit the mark but to really do it with a lot of people involved," she said.

At Case, Clay said she enjoys—even more than the costumes and the process—the students who surround her.

"They're new and ready to take on the world," she said.

Tickets to "Our Country's Good" are \$10 for general admission, \$7 for seniors or Case employees and \$5 for students. For reservations, call 368-6262.

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Editor

Paula J. Baughn
(paula.baughn@case.edu)

Contributing writers

Laura Massie (laura.massie@case.edu)
Jeff Bendix (jeff.bendix@case.edu)
Susan Griffith (susan.griffith@case.edu)
Marc Hersh (marci.hersh@case.edu)
Creg Jantz (creg.jantz@case.edu)
George Stamatidis
(george.stamatidis@case.edu)

Editorial assistant

Maria Wolf (maria.wolf@case.edu)