

Campus News

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January 15, 2003

Published by the Office of University Relations for the Case Western Reserve University community

Dashboard to light up with vision success

Members of the Case Western Reserve University community soon will be able to gauge the university's success toward realizing its bold vision to become the world's most powerful learning environment—on a virtual dashboard.

With the start of a new year, a recently appointed team of faculty, staff and administrators, called the Vision Dashboard Steering Committee, will work with

members of the Case community to develop metrics to chart the university's advancements in seven visionary areas: undergraduate programs, graduate and professional programs, its academic medical center, new Vision Investment Centers, the campus environment, institutional culture and values and resources.

These measures will be aggregated and displayed this spring as a dashboard on a new Web site at

<http://www.case.edu/vision>. The site, devoted entirely to the university's mission and values, will be launched this month.

The virtual dashboard will provide a picture of what Case's most powerful learning environment actually looks like: a university that combines experiential learning with rigorous scholarship; invests in the arts, humanities and social sciences; pursues productive partnerships; builds on existing

strengths like engineering, biomedical sciences and professional education; and is guided by values that create a diverse, entrepreneurial, interdisciplinary, accountable environment.

"The vision dashboard will function much like the dashboard in a car," said Caryl Hess, assistant to the president for special projects, and chair of the Dashboard Steering Committee. "Members of the Case community will see various gauges,

such as a dial for undergraduate programs and resources, and know at a glance that we are making positive strides toward our institutional goals."

An earlier committee, the Vision Investment Committee, formed and chaired by Hossein Sadid, chief financial and administrative officer, determined that Case could attain its vision if it focused its efforts on these seven elements:

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Case names new provost

John L. Anderson, who has served as dean of Carnegie Mellon University's College of Engineering where he is also a professor of chemical engineering, will join Case Western Reserve University April 1 as provost and university vice president.

"Dr. Anderson is an incredible addition to the leadership team at Case," said university President Edward M. Hundert, M.D. "His national leadership in building a diverse faculty who excel in education, research and service; his development of a national alumni network; and his down-to-earth, consensus-building style will accelerate the achievement of Case's vision of creating the most powerful learning environment in the world."

Hundert formed a search committee in September to help select a new provost following James W. Wagner's appointment to

mandel school of Applied Social Sciences

president of Emory University in Atlanta. "I will work side-by-side with Dr. Anderson in a unique partnership that maximizes our collective abilities to empower a transformative university community," Hundert said.

"I would like to thank the search committee for such a highly successful national search and especially thank Dr. Lynn Singer for her service as interim provost during this important time in our university's history."

Anderson, who is a member of the National Academy of Engineering, received a bachelor's degree in chemical engineering from the University of Delaware, and his master's and doctorate degrees in chemical engineering from the University of Illinois,

where he was a National Institutes of Health pre-doctoral fellow.

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John L. Anderson



photo by Susan Griffith

Rare find

Jane Leitch (center), representing the Association for Continuing Education, presented Case Western Reserve University President Edward M. Hundert (left) and University Library Director Joanne Eustis (right) with a rare copy of the "The Simple Cobbler of Aggavam in America"—considered one of the first American satires. The book, one of four known copies, was discovered in a "run-of-the-mill" box of books donated anonymously to the annual Case Book Sale.

mandel school of Applied Social Sciences

Mandel School welcomes first undergraduates in two decades

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

Case Western Reserve University's Mandel School of Applied Social Sciences is seeing something this semester it has not seen in more than two decades—undergraduates.

For the first time since the 1980s, the school is offering courses for undergraduate students. They are SASS 391, Community Needs and Service Delivery, and SASS 390, Independent Study.

Grover C. "Cleve" Gilmore, dean

and professor of social work, said the Mandel School is taking the step in response to the university's new vision and recommendations made in the President's Commission on Undergraduate Education and Life (PCUEL).

"The commission's final report called for greater involvement of graduate and professional school faculty in undergraduate teaching and more emphasis on experiential learning. We believe this offering will achieve both goals," he said.

The courses are open to juniors and seniors with at least 12 course credits in the social sciences. Eight students have enrolled in SASS 391.

Gerald Strom, director of field placement at the Mandel School and a co-director of the course, said its focus will be on adoption.

Students enrolled in the class will attend a weekly seminar led by Strom and by David Crampton, assistant professor of social work.

The other segment of the course consists of spending six hours per

week at the Cuyahoga County Department of Children and Family Services, where students will be paired with an adoption social worker. Students will learn to read and assess the records of children eligible for adoption. They also will develop a "life book," chronicling the life's history of an adoption-eligible child.

"We think this will be a unique opportunity for our students, whether they choose later to go into social work or not," Strom

said. "Even if they do not, we think it will encourage them to become active as volunteers or board members in community organizations."

The Mandel School also is offering SASS 390, a course of independent study for undergraduates, which will include the opportunity to go to the Netherlands in March on a program led by Mark Fleisher, Begun Professor and director of the Begun Center for Violence Prevention Research and Education.

University, community to share their dreams in memory of Martin Luther King

Members of the Case Western Reserve University and Cleveland-area communities will have the opportunity to share their dreams for University Circle and Northeast Ohio during Case's 2004 Martin Luther King Jr. Celebration at noon January 22 in Strosacker Auditorium.

During the celebration, "Living the Dream: Ordinary Lives, Extraordinary Responses," audience members will note their personal hopes for the community—and the ways in which they are willing to help make those dreams reality—on anonymous forms in the

event's programs. Case theater students will present some of these thoughts—and additional ideas from faculty, staff, students and community members collected online—during the celebration.

All of these dreams later will be shared with university deans, faculty and administrators and published online.

In addition to the students' presentations of community hopes and dreams, Case's Martin Luther King Jr. Celebration will feature The Rev. Valentino Lassiter, author of the book

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Case to come together at concert celebration

Case Western Reserve University's President's Ball has been transformed into an exclusive—and more inclusive—Case Concert Celebration.

The private performance by the Cleveland Orchestra in honor of the entire Case community is at 8 p.m. January 23 in Severance Hall. The concert program will feature Beethoven's Symphony No. 2 in D major, op. 36 and Respighi's Church Windows. A reception precedes the concert at 6:30 p.m.

"With the Case Concert Celebration, the university wishes to create an event that includes more members of the university community—faculty, students, staff, trustees and special friends—to celebrate together, in contrast to the traditional President's Ball, at which space was limited," said Lara A. Kalafatis, associate vice president of Alumni Relations, Programs and Events.

"The pre-concert reception offers an opportunity for all these different university constituencies to interact, while the event itself is a wonderful way to maximize the

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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

Friday, January 23 . . . Music and Culture Lecture Series: Susan Cook Harkness Chapel, 4 p.m. <http://music.case.edu>.

Friday, January 23 . . . Raymond F. Boyer Lecture Series in Macromolecular Science and Engineering: "Environmentally Responsive Hydrogels with Tunable Rigidity Constructed via Peptide Folding and Self-Assembly;" Darrin J. Pochan. 108 Clapp Hall, 3 p.m.

Monday, January 26 . . . Susie Gharib Distinguished Lectureship in Journalism: "Journalism and Beyond: My Story of a Life in Journalism;" Jan Hopkins. 206 Clark Hall, noon. <http://www.case.edu/artsci/ghariblectures>. Contact: fredica.ward@case.edu.



Lunchtime meetings

Friday, January 16 . . . Public Affairs Forum: "The Russian Elections," Kelly McMann. Beverages and cookies provided. 14 Crawford Hall, noon. <http://www.case.edu/artsci/cps/PADG.htm>. Contact: jeffrey.bendix@case.edu, 368-6070.

Thursday, January 22 . . . 2004 Martin Luther King, Jr. Celebration: "Living the Dream: Ordinary Lives, Extraordinary Responses;" Valentino Lassiter. Strosacker Auditorium, noon. Contact: camella.gombatese@case.edu.

Thursday, January 22 . . . Staff Development Seminar: "The Role of Non-Verbal Cues in Communication;" Brown bag lunch. Staff development seminars are open to all employees at the University. Hatch Auditorium, Baker Building, noon. Contact: tina.jurcsin@case.edu.

Friday, January 23 . . . Public Affairs Forum: "Do We Need Copyright Laws in the Digital Age;" Raymond Ku. Beverages and cookies provided. 14 Crawford Hall, noon. <http://www.case.edu/artsci/cps/PADG.htm>. Contact: jeffrey.bendix@case.edu, 368-6070.

Wednesday, January 28 . . . Case Libraries Brown Bag Lunch Series: "Time Management: Not Procrastination;" Tina Jurcsin. 323, Mandel School of Applied Social Sciences, 12:30 p.m. Contact: jane.hund@case.edu, 368-0722.

Friday, January 30 . . . Center for Women: Faculty Brown Bag Lunch. Networking opportunities and informal discussion. Beverages and desserts provided. 303 Thwing Center, noon. <http://www.case.edu/provost/centerforwomen>. Contact: ginnette.boyaroko@case.edu, 368-0985.

Friday, January 30 . . . Public Affairs Forum: "The New Elderly;" Eva Kahana. Beverages and cookies provided. 14 Crawford Hall, noon. <http://www.case.edu/artsci/cps/PADG.htm>. Contact: jeffrey.bendix@case.edu, 368-6070.



Dissertation defenses

Friday, January 16 . . . "Probing Signal Design for the Model-Based Fault Detection Approach;" Ying Wang, electrical engineering and computer science. Adviser: Kenneth Loparo. 709 Olin Building, 3:30 p.m.

Tuesday, January 20 . . . "Ion Channel Basis for Alternans and Memory and Alternans Control in Cardiac Myocytes;" Mingyi Li, biomedical engineering. Adviser: Niels Otani. 525 Wickenden Building, 8:40 a.m.

Tuesday, January 20 . . . "Miscibility, Structure-Property Relationships and Crystallization Kinetics of Ethylene Copolymers;" Catherine H. Stephens, macromolecular engineering. Advisers: Anne Hiltner and Eric Baer. 442 Kent Hale Smith Building, 1 p.m.

Tuesday, January 20 . . . "Virtual Electrode Polarization Effects in Stimulation of Cardiac Tissue;" Aleksandre T. Sambelashvili,

biomedical engineering. Adviser: Igor Efimov. 525 Wickenden Building, 1 p.m.

Wednesday, January 21 . . . "Morphologies and Properties of Poly (vinyl Methyl Ether) Bulk Blends and Ultra-Thin Films Under Nano Confinement;" Dong Wang, macromolecular science. Adviser: Hatsuho Ishida. 146 Kent Hale Smith Building, 1:30 p.m.

Thursday, January 22 . . . "Integrin Expression and Fibronectin Matrix Assembly During In Vitro Chondrogenesis;" Douglas E. Pennington, anatomy. Adviser: Brian Johnstone. 10th Floor Conference Room, Biomedical Research Building, 9:30 a.m.

Friday, January 30 . . . "Learning to Change: Organizational Level Learning and Knowledge Transfer;" Janet K. Kiehl, organizational behavior. 418 Peter B. Lewis Building, 5:30 p.m.

Friday, January 30 . . . "Static and Electrically Actuated Shaped MEMS Mirrors;" Bin Mi, electrical engineering and computer science. Adviser: Stephen Phillips E519 Glennan Building, 10:45 p.m.



Seminars, meetings & conferences

Thursday, January 15 . . . Center for Women: Act III Round Table. Discussion group for women in or nearing retirement 303 Thwing Center, 4 p.m. <http://www.case.edu/provost/centerforwomen>. Contact: ginnette.boyaroko@case.edu, 368-0985.

Thursday, January 15 . . . Chemistry Colloquium: "Carbon Nanotube Fluorescence: Ideal IR Photon Emission;" Todd Krause. Refreshments, 4:15 p.m., Clapp Hall balcony. 108 Clapp Hall, 4:30 p.m. <http://www.case.edu/artsci/chem>. Contact: patricia.eland@case.edu, 368-3622.

Thursday, January 15 . . . Case/UH/CCF Musculoskeletal Research Seminar Series: "Designer Joints: Engineering the Natural History of Total Joint Replacement;" Clare Rinnac. "Articular Cartilage Resurfacing;" Anthony Miniaci. 105 Biomedical Research Building, 4 p.m. Contact: valerie.schmedler@uhhs.com.

Thursday, January 15 . . . Biochemistry Seminar: "Regulation of the B.subtilis tryptophan genes by TRAP an 11 subunit RNA binding protein;" Paul Gollnick. Host: Eckhard Jankowski. E501 School of Medicine, noon.

Thursdays, January 15, 22 and 29 . . . Supplemental Retirement Plan C Seminar: 209 Crawford Hall, 10 a.m. <http://www.case.edu/finacmin/humres/benefits/PlanC.html>.

Thursday, January 15 . . . Neurosciences Seminar: "Short Stop Coordinates Actin Microtubules and Translation to Effect Axon Extension and Guidance;" Peter Kolodziej. E609 School of Medicine, noon. <http://neurowww.cwrwu.edu>. Contact: gina.ventre@case.edu.

Friday, January 16 . . . Center for Women: "May the Force be WITHIN You!" Shirley Eisenberg. Learn about our energy, chakras and using healing touch. Light refreshments provided. Spartan Room, Thwing Center, 11:30 a.m. <http://www.case.edu/provost/centerforwomen>. Contact: ginnette.boyaroko@case.edu, 368-0985.

Tuesday, January 20 . . . Pharmacology Special Seminar: "Beyond Steroid Receptors: Hydroxysteroid Dehydrogenases as Targets for Selective Intracrine Modulators;" Trevor M. Penning. W344 School of Medicine, noon. <http://pharmacology.case.edu>. Contact: jackie.martin@case.edu.

Wednesday, January 21 . . . Center for Women Multicultural Series: "Multicultural Dating Issues Panel Discussion;" Refreshments served. Spartan Room, Thwing Center, 6 p.m. <http://www.case.edu/provost/centerforwomen>. Contact: ginnette.boyaroko@case.edu, 368-0985.

Wednesday, January 21 . . . Neurosciences Seminar: "The Ins and Outs of Neurotransmitter Transporters;" Susan Amara. E609 School of Medicine, noon. <http://neurowww.case.edu>. Contact: gina.ventre@case.edu.

Thursday, January 22 . . . Chemistry Colloquium: "Protein Folding Studied by Hydrogen Exchange and Mass;" Patrick Wintrop. Refreshments, 4:15 p.m., Clapp Hall balcony. 108 Clapp Hall, 4:30 p.m. <http://www.case.edu/artsci/chem>. Contact: patricia.eland@case.edu, 368-3622.

Thursday, January 22 . . . Neurosciences Special Seminar: "The Making of a Motor Neuron: From Transcriptional Codes to Inductive Signals;" Heather Broihier. noon. <http://neurowww.cwrwu.edu>. Contact: gina.ventre@case.edu.

Thursday, January 22 . . . Biochemistry Seminar: "Analysis of Factors that Control Transcription and Chromatin Structure in Yeast;" Fred Winston. Host: Cheng-Ming Chiang. E501 School of Medicine, noon.

Saturday, January 24 . . . Northeast Ohio Band Symposium. Cleveland State University 9 a.m. <http://music.case.edu>.

Saturday, January 24 . . . CIM New Music Festival: Composer Aaron Jay Kernis discusses his work. Cleveland Institute of Music, 2 p.m. <http://www.cim.edu>.

Monday, January 26 . . . Neurosciences Seminar: TBA. Speaker: Erica Westly. E609 School of Medicine, noon. <http://neurowww.case.edu>. Contact: gina.ventre@case.edu.

Tuesday, January 27 . . . Pharmacology Seminar: "Progress in Understanding O-glycan Structural Diversity;" Thomas Gerken. W344 School of Medicine, noon. <http://pharmacology.case.edu>. Contact: jackie.martin@case.edu.

Wednesday, January 28 . . . Neurosciences Seminar: "Cerebellar Purkinje Cell Signatures of Vestibulo-Ocular Reflex Gain;" Steve Highstein. E609 School of Medicine, noon. <http://neurowww.cwrwu.edu>. Contact: gina.ventre@case.edu.

Thursday, January 29 . . . ABI/INFORM Database Training Event: This training, conducted by ABI experts, will teach participants in how to access in-depth information regarding business conditions, trends, corporate strategies and tactics, management techniques, competitive and product information, 11:30 a.m. to 1 p.m., Kelvin Smith Library. <http://www.case.edu/UL/INFO/WhatsNew/whatsnew.htm#abi>. Contact: gail.reese@case.edu, 368-5291.

Thursday, January 29 . . . Chemistry Colloquium: "Nanocrystals: the Building Blocks of Nanoscience;" Stephen O'Brien. Refreshments, 4:15 p.m., Clapp Hall balcony. 108 Clapp Hall, 4:30 p.m. <http://www.case.edu/artsci/chem>. Contact: patricia.eland@case.edu, 368-3622.

Thursday, January 29 . . . Biochemistry Seminar: "DNA Helicase Mechanisms;" Kevin Raney. Host: Eckhard Jankowski. E501 School of Medicine, noon.

Thursday, January 29 . . . Neurosciences Special Seminar: "Spinner: Regulating Synaptic Growth From the Late Endosome;" Sean Sweeny. E609 School of Medicine, noon. <http://neurowww.case.edu>. Contact: gina.ventre@case.edu.



Computer classes

Registration and up to date class information for classes listed below is available on-line at <http://kslearn.cwrwu.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, January 15 . . . Library Research Strategies. 11:30 a.m.

Tuesday, January 20 . . . Basic Computers and Windows XP, 9 a.m. to noon; Outlook Basics, 1-4 p.m.



Film

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

Friday and Saturday, January 16 and 17 . . . 29th Annual Science Fiction Marathon. Tickets go on sale Friday at 6 p.m. Strosacker Auditorium.

Friday, January 23 . . . "The School of Rock." Strosacker Auditorium, 7 p.m., 9:30 p.m. and midnight.

Saturday, January 24 . . . "L'Auberge espagnole." Strosacker Auditorium, 7 p.m. and 9 p.m.

Friday, January 30 . . . "Once Upon a Time in Mexico." Strosacker Auditorium, 7 p.m., 9:30 p.m. and midnight.

Saturday, January 30 . . . "Once Upon a Time in the West." Strosacker Auditorium, 7 p.m. and 10:30 p.m.



Sports

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

Friday, January 16 . . . Basketball @ University of Chicago, Women's 6 p.m. and Men's 8 p.m. (CST); Swimming @ Ohio Wesleyan w/Xavier University, 6 p.m.

Saturday, January 17 . . . Wrestling-Case Quad (Olivet, ONU,

Mt. Union), 1 p.m.

Sunday, January 18 . . . Basketball @ Washington University (MO), Men's 1 p.m. and Women's 3 p.m. (CST)

Friday, January 23 . . . Basketball vs. Carnegie Mellon University: Women's 6 p.m., Men's 8 p.m.; Swimming vs. Denison University, 6 p.m.; Indoor Track @ Baldwin Wallace College Invitational, 5:30 p.m.

Saturday, January 24 . . . Wrestling@Manchester College Tournament, 9 a.m.; Swimming vs. Oberlin College, 1 p.m.

Sunday, January 25 . . . Basketball vs. University of Rochester: Men's 1 p.m., Women's 3 p.m.

Friday, January 30 . . . Basketball vs. Brandeis University: Women's 6 p.m., Men's 8 p.m.

Saturday, January 31 . . . Wrestling UAA Championships @ Chicago, 11 a.m. (CST); Swimming vs. Wittenberg University, 1 p.m.; Indoor Track Spartan Relays, TBA.



Concerts

Tuesday, January 17 . . . Annual OPCICA Conference Performance. Kulas Hall, Ohio Northern University, 2 p.m. <http://music.cwrwu.edu>.

Sunday, January 18 . . . CIM Faculty Recital: Sergei Babayan, conductor. Suren Bafrauni, cello, guest artist with members of the CIM Orchestra. Works by Arvo Part and Schnittke. Seating passes required. Cleveland Institute of Music, 8 p.m. <http://www.cim.edu>.

Friday, January 23 . . . Case Concert Celebration: A private performance by the Cleveland Orchestra in honor of the entire Case community. Tickets available on a first-come, first-served basis through the Severance Hall ticket office: \$10 for faculty and staff, \$5 for students. Shuttle buses available from the Veale Center parking garage, Wade Commons, West Quad and the corner of Bellflower Road Severance Hall, 8 p.m. <http://www.case.edu/events/ccc>. Contact: caseconcert@case.edu.

Sunday, January 25 . . . The First Annual Northeast Ohio Band Invitational. Featuring bands from Chardon, Medina, Shaker Heights and Mentor with the Case Symphonic Winds and the University Circle Wind Ensemble. Admission: \$10 at the door. For student tickets (\$5, 10 or more) call 368-0117 Severance Hall, 2:00 p.m. <http://music.case.edu>.

Wednesday, January 28 . . . The CIM Orchestra: Carl Topilow, conductor. Seating passes required. Cleveland Institute of Music, 8 p.m. <http://www.cim.edu>.

Friday, January 30 . . . CIM Faculty Recital: From the Pens of Presidents. Featuring music composed by past CIM directors and presidents. Seating passes required. Cleveland Institute of Music, 8 p.m. <http://www.cim.edu>.

Saturday, January 31 . . . Early Muses: The Case Performance Practice Collective. Harkness Chapel, 7:30 p.m. <http://music.case.edu>. Contact: 368-2402. Strosacker Auditorium, 7 and 10:30 p.m.



Other events

Thursday, January 15 . . . Tau Beta Pi Bookswap. Come early for the best deals. 102 Bingham Building, 9 a.m. to 4 p.m. Contact: ryan.may@case.edu.

Friday, January 16 . . . Awarding of Fall Degrees.

Friday, January 16 . . . Fall Awarding of Degrees.

Monday, January 19 . . . University Holiday.

Tuesday, January 20 . . . Center for Women: "White Oleander." Film showing followed by discussion. Pizza, popcorn, and soda provided. 309 Thwing Center, 8 p.m. <http://www.case.edu/provost/centerforwomen>. Contact: ginnette.boyaroko@case.edu, 368-0985.

Wednesday, Thursday and Friday, January 21, 22 and 23 . . . TIAA-CREF Individual Retirement Counseling Sessions. Reservations required. 209 Crawford Hall, 8 a.m. to 5 p.m. Contact: kay.fulk@case.edu, 1-877-209-3138.

Monday through Saturday, January 26 through 31 . . . Jason XV: Rainforests at the Crossroads. Five hour-long live broadcasts "Zooming in on the Isthmus of Panama." Volunteers are still needed. Special event on January 31, 2-3:30 p.m., sponsored by Staff Advisory Council. Reservations requested. 10 a.m., 11:30 a.m., 1 p.m., 2:30 p.m., 4 p.m. <http://www.case.edu/artsci/csm/jason/index.html>. Contact: katherine.kwiatkowski@case.edu, 368-5075.

FOR YOUR INFORMATION

Vonnegut tickets on sale now

Renowned American author Kurt Vonnegut will address the Case Western Reserve University community in an exclusive talk sponsored by the Case College Scholars Program at 4 p.m. February 4 at Severance Hall.

Tickets are \$10 for Case faculty and staff and \$5 for students with a valid university ID and are available on a first-come, first-served basis through the Severance Hall Ticket Office at 216-231-1111.

To learn more, go to <http://www.case.edu/events/vonnegut>.

Club to discuss new book

The Case Western Reserve University Center for Women Book Club will host a discussion of the book "The Hours" in conjunction with the AIDS Taskforce of Greater Cleveland from noon to 1 p.m. February 4 in room 13 of Crawford Hall.

The Pulitzer Prize-winning novel touches on personal relationships, women's roles and AIDS in the 21st century. Staff from the AIDS Taskforce will be on hand to answer questions.

The book club also will discuss "Nickel and Dime: On (Not) Getting By in America" by Barbara Ehrenreich March 3, "Woman of the Silk: A Novel" by Gail Tsukiyama April 7 and "Guns of August" by Barbara Tuchman May 5. All three meetings are from noon to 1 p.m. in room 720 of Crawford Hall.

For more information, contact Rosemary Alexander at 216-368-2008 or rosemary.alexander@case.edu.

Training to cover ABI/INFORM

The Case Western Reserve University Library is offering a free workshop on the premier business database, ABI/INFORM, from 11:30 a.m. to 1 p.m. January 29 at the Kelvin Smith Library.

The seminar will offer ABI expert training in searching business articles from 1918 to the present.

For details, go to <http://www.cwrwu.edu/UL/INFO/WhatsNew/whatsnew.htm>.

Yoga, spinning classes offered

Case Western Reserve University's department of physical education and athletics is offering two new fitness-wellness programs

this spring: hatha yoga and spinning.

For dates and times of classes or information on registration and fees, faculty and staff can go to <http://www.case.edu/athletics/wellness.htm> or e-mail Nancy Rahn at nancy.rahn@case.edu or Mina Moore at mina.moore@case.edu.

Bioethics research seminar slated

Case Western Reserve University's Office of Research Compliance is beginning a series of seminars relating to bioethics and research.

The first session in the series, "Informed Consent in Enhancement Research," presented by Max Mehlman, the Arthur E. Petersilge Professor of Law and director of the Case Law-Medicine Center, will be from 9-10:30 a.m. January 30 in the Toepfer Room of Adelbert Hall.

Register online for this event at <http://cres.case.edu/seminars>.

Library brown bags to return

The libraries of Case Western Reserve University are bringing back their series of brown bag lunch seminars.

The first in the spring series, Time Manage-

ment: Not Procrastination, is at 12:30 p.m. January 28 in room 323 of the Mandel School of Applied Social Sciences.

Beverages and dessert will be provided. To learn more or to reserve a seat, call June Hund at 216-368-0722.

Grand rounds to be conducted

Surgery grand rounds will be conducted on lower GI bleeding, acute metabolic response to surgery and the evidence-based approach to small bowel obstruction from 5:30-6:30 p.m. January 20 in the Rainbow Babies and Children's Hospital amphitheater.

For more information, e-mail Marla Miller at marla.miller@uhhs.com.

Medical ethics conference set

Case Western Reserve University's School of Medicine will sponsor the Mt. Sinai Health Care Foundation Conference, "Medical Ethics and the Jewish Tradition: End of Life Issues," from 7:30-9:30 p.m. January 27 and from 7:30 a.m. to noon January 28 at Siegal College. Go to <http://www.siegalcollege.edu> for details.

Breast cancer gene found

Special to Campus News
by Kimberly Bonvissuto

Researchers from the Case Western Reserve University School of Medicine have discovered a new breast cancer gene that may play a role in estrogen-induced breast cancers.

The lead researchers in this study, Monica M. Montano and doctoral student Bryan M. Wittmann in the Case department of pharmacology were searching for proteins that interact with the estrogen receptor when they discovered Estrogen Down-regulated Gene 1 (EDG1). EDG1 was found to suppress the normal function of estrogen receptors and inhibit breast cell growth, thereby possibly acting as a tumor suppressor.

The team's findings were published in a recent issue of "Cancer Research." The article, "Identification of a Novel Inhibitor of Breast Cell Growth That Is Down-Regulated by Estrogens and Decreased in Breast Tumors," was coauthored by Nancy Wang, a University Hospitals of Cleveland pathologist.

The study indicates that EDG1 levels are reduced by estrogens and show decreased expression in breast tumors. The link to estrogen is important because lifetime exposure to estrogen is a major risk factor for breast cancer. The growth of more than 95 percent of all breast cancers is initially dependent upon the presence and activation

of an estrogen receptor. Montano and her team are suggesting that reduced levels of genes like EDG1 play a role in estrogen-induced breast cancer development.

Wittmann analyzed the presence of EDG1 in breast tumor cells and compared it to the presence of the gene in normal breast cells in 43 patients. He found that EDG1 levels are significantly higher in normal breast cells as compared to breast tumor cells. He also found that tumor cells that express EDG1 are more likely to express the estrogen receptor. Tumors that are estrogen-receptor positive have a better prognosis, while breast cancer tumors that undergo high growth rates—and are less likely to express EDG1—have a worse prognosis.

"It's possible that by decreasing the levels of tumor suppressors like EDG1, estrogen is inducing breast tumor growth," Montano said. "Another possibility is that estrogen has DNA-damaging effects, thereby allowing for increased mutation rates."

More important, Montano said, is that EDG1 expression was found to be significantly lower in normal breast cells adjacent to Grade III tumors, which carry a worse prognosis, versus normal breast cells adjacent to Grade I and II tumors. She added that EDG1 could be used in the future as a tool in diagnosing breast cancer.

college of Arts and Sciences

Researchers find that aged cockroaches suffer from stiff joints



Angela Ridgel

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

Humans are not alone in suffering the ravages of aging. Cockroaches endure it, too.

Case Western Reserve University researchers reported in the "Journal of Experimental Biology" that as the roach's life wanes between 60–65 weeks after the onset of adulthood, the insect slows down, experiences stiff joints, has problems climbing and experiences decreased spontaneous fleeing response. Death comes shortly after the onset of these movement problems.

Angela Ridgel, a postdoctoral fellow at Case, was the lead author on the National Institute of Health-funded study that looked at

walking, climbing and righting behavior in the roach species, *Blaberus discoidalis*.

According to Ridgel, roaches reach adulthood after several molts. But after 60 weeks into adulthood, she observed in lab studies that elderly roach movement was much different from their younger adult counterparts.

Ridgel found that old roaches develop a "tarus catch" where the joint between its paw section and leg joint in the front (prothoracic) leg hardens causing the leg to list to almost 45 degrees. As the roach moves forward, the front leg catches on the middle (mesothoracic) leg, which causes the roach to trip and to struggle to regain its

tripod-like stance and gait.

This catch increased from 35 percent in the 60-week adults to 95 percent for 65-week adult roaches.

Changes in the sticky pads that help roaches climb walls or inclined surfaces also underwent a change from a supple, grey pads to hardened brown ones that eventually broke off, according to Ridgel. Removing a layer of cuticle in the roach paws, she also noted that tracheal tubes and a tendon that help create movement also hardened and browned, causing the paw to bend at the odd angle.

Ridgel said this study stresses the importance of multi-level approaches to the study of age-

related changes in behavior and the nervous system.

"If we looked at only one study, we would have a skewed view of movement in these adult roaches. You need to test animals in a whole bunch of locomotor situations to get an idea of the potential changes that occur," Ridgel said.

She wrote the paper, "Effects of Aging on Behavior and Leg Kinematics During Locomotion in Two Species of Cockroaches," with Roy Ritzmann, Case professor of biology, and Paul Schaefer, a former Case graduate student who studied *Periplaneta americana* and contributed information about the roach's central nervous system and escape behavior.

college of Arts and Sciences

Case holds patent to create skin equivalents

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

Case Western Reserve University biologists generating human skin equivalents in lab cultures have received a patent for new technology that has the potential to regenerate skin for medical uses and for testing new skin care products.

The patent, issued to Arnold Caplan, professor of biology, and Michael Sorrell, a senior research associate, evolved from more than 20 years of research in the Case College of Arts and Sciences department of biology and helps Case further its goal to license technology developed in university labs.

The biologists' research consists of uniquely layering the different cells found in the reticular dermis and papillary layers of the skin. The full dermis is the underlying layer of skin that is the matrix or structural support to the outer epidermis. It contains blood vessels, nerve endings, sweat glands, hair follicles and a specialized matrix that is the bulk of the dermis. The papillary layer is found between the epidermis, or outermost layer of skin, and the reticular dermis and sends instructions—like to repair damaged skin or ward off infections—to the epidermis.

"The patent involves putting together a layer of papillary cells and reticular cells to try to mimic the natural localization of these cells so that we can study how these cells interact with the epithelial cells," Caplan said.

Stem cells, which can grow into different parts of the body, also are used in the cultures to refabricate skin.

One problem the biologists have encountered in their research is that when dermal cells are taken from people between the ages of 60 to 80 years old and are refabricated in a Petri dish into a skin equivalent, the outcome results in fetal skin.

How to develop adult skin equivalents has driven research in Caplan's lab at Case and, in 1995, led to the start of ongoing collaboration of basic research science with the research division of L'Oreal of Paris, one of the world's major skin care corporations. The patent, "Skin Regeneration Using Mesenchymal Stem Cells," developed from experiments in the 1990s that preceded the L'Oreal collaboration.

mandel school of Applied Social Sciences

Grant to help enhance courses in aging, geriatric social services

Case Western Reserve University's Mandel School of Applied Social Sciences is enhancing its curriculum in the field of aging and geriatric services.

With a more than \$60,000 grant from the McGregor Foundation, M.C. "Terry" Hokenstad, the Ralph S. and Dorothy P. Schmitt Professor at the Mandel School, will establish the Program for Innovative Education in Aging.

"We will identify and examine innovative programs for meeting the health and social service needs of the elderly, both in the U.S. and abroad, and incorporate knowledge gained from these programs into the Mandel School curriculum," Hokenstad said.

A second element of the program will be to share best practices information with the leadership of Cuyahoga County agencies providing services to the elderly. The Mandel School expects to offer workshops for health and social services professionals in the fall of 2004 to share the information gathered under the program.

The Mandel School offers a concentration in aging as part of its MSSA degree, including courses in family caregiving, death and dying, aging policy and service delivery and social work serving older people.

JASON to give children taste of rainforests

Wonder what a meal worm tastes like? Nearly 4,000 Cleveland-area children are about to find out as they embark on JASON XV: Rainforests at the Crossroads science adventure between January 26 and February 6 at Ford Auditorium at Case Western Reserve University.

Children and their teachers will participate in numerous rainforest-related activities—including sampling meal worms—in the 30 minutes prior to each live interactive telepresence broadcast at 10 a.m., 11:30 a.m.,

1 p.m., 2:30 p.m. and 4 p.m. daily, except Sunday. No broadcasts will air February 1.

During the live televised science action, scientists and JASON students and teachers on location in the rainforests of the Isthmus of Panama will demonstrate how the tropical rainforest impacts the Earth's biosystems and how technology has influenced the geography, hydrology and biology of Panama.

The public is invited to attend the 4 p.m. broadcasts and any of the January 31 programs by calling 216-368-5075.

Carney joins campus planning office

Case Western Reserve University has hired a new assistant vice president for campus planning and design to lead the development, integration and implementation of the university's campus master plan.

Margaret M. Carney, formerly the director of programming and planning for Burt Hill Kosar Rittelmann Associates based in Butler, Pa., with offices in Cleveland, assumed the newly created position in the university's Office of Campus Planning and Operations last month.

Carney brings to Case extensive experience in higher education campus planning, including project management of an \$100 million research facility at Cornell University and 900,000 sq. ft. instructional and performance facilities at the University of Baghdad in Iraq.

She has been involved in the programming, planning and design of numerous buildings and campuses across the country, including a residence hall at New York University; athletic facilities at Cornell University, Smith College and Kent State University; and

classroom buildings at Cincinnati State, Bowling Green and Kent State universities.

Carney also has helped develop master plans for Gannon University; Mercyhurst College; Cornell's Physical Sciences Precinct in Ithaca, N.Y.; and Ohio University's 350-acre eastern campus. In addition, she has been involved in the development of urban design projects for several communities, including Erie, Pa., and Jubail, Saudi Arabia.

Before joining Burt Hill Kosar Rittelmann in 2001, Carney worked with Collins Gordon Bostwick Architects in Cleveland and Sasaki Associates, Benjamin Thompson Associates and the Architects Collaborative, all in Cambridge, Mass. She also worked in private practice with a variety of clients, including the Roman Catholic Archdiocese of Boston, for whom she led the development of a student center and mixed-use facility in Harvard Square.

Carney has been an adjunct professor at the Boston Architectural Center, Kent State and Cornell, where she earned a bachelor's degree in architecture.

In Memoriam:

Kruczek worked in information technology for three decades

Thomas J. Kruczek, who worked in information technology services at Case Western Reserve University for more than 30 years, died in December 2003. He was 54.

Kruczek, who began his career at Case in 1970, worked in a variety of positions, including operations manager, database administrator and programmer/analyst.

In 1997, Kruczek worked on the university's original PeopleSoft GL project, and he was very involved in the PeopleSoft upgrade in 2001. He left the university in October 2002.

SCOREBOARD

Women's Basketball

January 3:
Wilmington 92,
Case 73

January 7:
Case 64,
Kenyon 54

Men's Basketball

January 5:
Ohio Wesleyan 84,
Case 73

January 7:
Westminster 111,
Case 95

spartan Sports

New coach ahead of game in age, experience

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

Legendary Case Western Reserve University Coach Bill Sudeck was 28 years old when he was hired by the Case Institute of Technology back in 1954. Nearly 60 years later the man who has taken over Sudeck's office as men's basketball coach is the same age.

Unfortunately Sudeck, who died in 2000 after coaching at the university for over 40 years, and new head coach Sean McDonnell never met. But a lot of people who coached and played under Sudeck probably feel the same way about the Case legend as McDonnell feels about his two college basketball mentors.

"I have been real lucky about my two bosses," McDonnell said. "Jim O'Brien at Ohio State University and Dave Paulsen at Williams College have both been national coaches of the year—great people to have learned from, like I'm sure Sudeck was."

There is one significant difference between McDonnell, his former bosses and even Sudeck. McDonnell didn't play basketball at the collegiate level.

"Not playing in college is not something I brag about, but it's also something I am not ashamed of," McDonnell said. "I made a choice not to play in college."

McDonnell played three years of varsity basketball at Clinton Central High School in Clinton, N.Y., but upon graduation in 1992 made a choice that, ultimately, has taken him to where he is today—the new head coach of the Spartans.

"I look back on my times as an undergrad, often thinking I may have had a more fun experience if I had played," McDonnell said. "At the same time, there is no way I would be a head coach right now had I done so. I can't look back and wish I had done something else because there is nothing I'd rather be doing than coaching at Case."

As a student-athlete, McDonnell was recruited by a number of NCAA Division III schools in upstate New York but instead rolled the dice and

went to Division I Boston College (BC). He said he thought maybe there would be a place for him there, and there was—just not as a player.

"I played with the players all fall and knew right away that I could play with them, but I was not good enough to play for them," McDonnell said.

By attending practices, McDonnell got to know BC's head coach, O'Brien, and assistant coaches. The assistants ended up asking McDonnell if he wanted to stay involved with the team by helping them coach. Needless to say, he took them up on their offer.

So, at age 18 McDonnell began learning the collegiate coaching ropes in one of the country's top programs in one of the nation's best conference, the Big East.

"At BC there were six guys that went on to play in the NBA (National Basketball Association) that I was lucky enough to coach," McDonnell said. "And some of the assistant coaches I worked with have gone on to become head coaches as well."

McDonnell now enters his fourth season as a college head coach, and he hopes to help turn around a Spartan program that hasn't posted a winning season since 1998–1999 (17–9 under Sudeck).

The new Spartan coach became only the third head coach in Case history last fall, replacing Adam Hutchinson, who left the university for another head coaching position.

McDonnell's previous coaching record speaks for itself. While at Hiram, his teams made two North Coast Athletic Conference (NCAC) tournament appearances, and he developed and coached two All-NCAC players.

Before Hiram, McDonnell served as an assistant men's basketball coach at Williams College in Williamstown, Mass., and at Le Moyne College in Syracuse, N.Y. While McDonnell was on staff, Le Moyne made a trip to the NCAA Division II Tournament in 1997 and had a 20-win season in 1998.

Dashboard

(continued from page 1)

- **undergraduate programs:** new liberal learning, enrollment management, College of Arts and Sciences investments, SAGES, advising, experiential education and rigorous scholarship
- **graduate and professional programs:** selective investment, focus on quality and recognition, build on traditional strengths (engineering, biomedical sciences and professional education), faculty investment and graduate and postdoctoral support
- **academic medical center:** premier educational and research programs, Case Research Institute, Healthy Cleveland and synergistic affiliations with all Cleveland hospitals
- **new Vision Investment Centers:** Biomedical Engineering; Fuel Cells and Energy Systems; Business as an Agent of World Benefit; Technology, Innovation, Commercialization and Entrepreneurship (InTICE)
- **institutional culture and values:** excellence and leadership, Cleveland partnerships, empowerment, accountability, entrepreneurship, innovation, responsible risk taking, emphasis on technology transfer, diversity and efficiency

- **campus environment:** capacity and quality of space for research, education and campus life, master plan, college town, campus center, North Residential Village, information technology environment, enhanced University Circle partnerships and service orientation
 - **resources:** community partners, alumni relations, marketing and communications, development, government support, trustee support, corporate support and royalties and endowment growth
- In addition to Hess, members of the new Dashboard Steering Committee include: Don Feke, vice provost for planning and assessment; Colleen Gepperth, information systems administrator; Marty Gibbons, College of Arts and Sciences national development director; Mort Grusky, finance and administration vice dean; Jim Henson, institutional research specialist; Jayne Hoon, Case School of Engineering director of marketing; Debbie Joseph, Frances Payne Bolton School of Nursing director of marketing; Judy Lipton, School of Law Milton A Kramer Law Clinic Center professor; Diana Morris, associate professor of nursing and Center on Aging associate director; Ron Occhionero, School of Dental Medicine professor and associate

dean of clinical affairs; Dan Ornt, School of Medicine visiting faculty; Joe Pieri, undergraduate studies assistant dean; Jim Rebitzer, Weatherhead School of Management economics professor and chair; Barbara Sciulli, School of Dental Medicine registrar/financial aid adviser; John Smolik, School of

Dental Medicine director of finance and operations; Laura Tanski-Lockledge, director of budgets and financial planning; Betsy Tracy, Mandel School of Applied Social Sciences associate professor; and Aaron Weinberg, School of Dental Medicine associate professor.

"The university community will want to stay tuned for more details regarding the progress of the Dashboard Steering Committee," Hess said. "The committee's ongoing efforts will take Case one important step closer to realizing our mission, values and vision of being the most powerful learning environment in the world."

Provost

(continued from page 1)

"I have watched Case emerge over the years as one of the nation's premier research institutions," Anderson said. "Under Dr. Hundert's leadership, Case is setting a new standard for education, scholarship and societal contribution. I look forward to partnering with Dr. Hundert and the faculty, staff, alumni and friends of Case."

In 1996, Carnegie Mellon named Anderson dean of its College of Engineering. He also holds the Robert Mehrabian Professorship at Carnegie Mellon.

From 1980 to 1985, he was director of biomedical engineering and from 1983 to 1994 he was head of the chemical engineering department. He was named a university professor in 1994.

Dreams

(continued from page 1)

"Martin Luther King in the African-American Preaching Tradition." Lassiter, who will connect the legacy of King with how individuals can make a difference today in their communities, will be available to sign copies of his book following the event.

An assistant professor of religious studies at John Carroll University, Lassiter teaches courses in African-American theology, the life and theology of Martin Luther King Jr. and the theology of African-

American sacred music. He also is minister of the East View United Church of Christ in Shaker Heights.

Case's celebration in the memory of Martin Luther King Jr. is the first in a series of campus and community discussions and events focusing on the extraordinary responses of ordinary people. Details of future programs are forthcoming.

For more information on how to share hopes and dreams with the

university's deans, faculty and administrators through the Web, go to <http://www.case.edu/univcomm/univcomm.htm>.

In addition to submitting ideas online or at the celebration, anonymous notes can be dropped off through January 29 in "baskets of hope" at the Office of Multicultural Affairs in Nord Hall, the upper level of the bookstore in Thwing Center and at the Center for Community Partnerships in room 324 of the Baker Building.

Campus News

VOLUME 20, NUMBER 1, JANUARY 15, 2003

Campus News e-mail:
case-news@case.edu

Campus News Web page:
www.case.edu/pubs/cnews/cn-home.htm

Campus News is published by the **Office of University Relations** every Thursday during the academic year (except for short holiday breaks) and monthly in the summer.

Send written correspondence to 14 Adelbert Hall, Case, 10900 Euclid Avenue, Cleveland, OH 44106-7017.

U.S. subscriptions are available. Call 216-368-4443 for details.

In employment as in education, Case is committed to Affirmative Action and Equal Opportunity.

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Concert

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cultural offerings in University Circle," she added.

More than 1,200 tickets already have been sold for the Case Concert Celebration, which is supported by the Payne Fund. Tickets are \$10 for university faculty and staff and \$5 for students and are available on a first-come, first-served basis through the Severance Hall ticket office. An ID must be presented at the Severance Hall Ticket Office to purchase tickets at the student price.

Prior to the reception and concert, beginning at 6:10 p.m., shuttle service to Severance Hall will be available from the Veale Center parking garage, Wade Commons, West Quad and corner of Bellflower Road and Ford Drive.

For more information, e-mail caseconcert@case.edu or go to <http://www.case.edu/events/cc>.