Changing bioethics examines our greatest hopes, worst fears

Thirty years ago, bioethicists had many concerns about our future. Two of the greatest were psychotherapy and subliminal behavioral conditioning.

What was that last one?

“That’s when you walk into Parisian and you hear a voice telling you to go ahead and buy that Polo shirt or that dress and you can’t resist it,” says Gregory Pence, Ph.D., bioethicist. “We see how important both of those concerns turned out to be. It shows you just can’t imagine what’s coming.”

Pence will be speaking on this topic at the prestigious Federal University of Minas Gerais in Brazil on June 13, examining “Thirty Years of Bioethics: What Have We Learned, Where Do We Go From Here?” as part of the university’s Great Lecture Series.

A philosophy professor, Pence describes bioethics as ethical issues raised by biology in medicine. Pence, who also teaches medical ethics to first-year students in the UAB School of Medicine and directs the Early Medical School Acceptance Program, is looking forward to discussing some of the concerns he believes all will consider in the coming years.

Pence identifies nine areas that may cause future unease: global medical injustice, stopping the spread of AIDS and HIV, the bioethical implications of global warming, global research ethics, religion and bioethics, implications of allowing couples to choose against having children with genetic diseases, dying with dignity and drug companies’ coziness with doctors. Interestingly, another area of concern for Pence has recently received extensive news coverage — the ethics of emerging infectious diseases and the manner in which societies deal with them. Andrew Speaker, a 31-year-old personal injury lawyer from Atlanta, recently traveled through Italy, the Greek Isles and other spots in Europe for his wedding and honeymoon and then back to the United States after being diagnosed with...
Employee benefits statements en route

Financial Affairs has created an Emergency Purchase Order Hotline and raised the limit on incidental purchases to $1,500 to improve customer service. The Emergency P.O. Hotline – 996-9170 – will assist purchasers whose supplies are needed more quickly than the normal procurement timelines permit. The call line will be staffed 8 a.m. to 5 p.m. Monday through Friday (excluding holidays) with procurement specialists who will help determine the fastest way to get the needed supplies.

In addition, UAB is raising the limit on incidental purchases to $1,500 from $300. Generally, reimbursements can be paid within four days of receipt of the request and appropriate documentation. It is important to note that neither the call line nor reimbursement purchase procedures apply to travel-related expenses.

More information about UAB Procurement Services is available online at http://main.uab.edu/how.asp?urki=5326.

Banner guidelines, limitations reminder

The Office of Public Relations and Marketing wants to remind everyone that guidelines permit only UAB-sanctioned event banners to be displayed at crosswalks – and that those are subject to limitations on design and display.

Specifically, personal banners and banners advertising non-campus function banners are not permitted; also prohibited are banners on behalf of political candidates and advertising that promotes outside companies. In addition, banners must be professionally made: no handwritten or painted signage is allowed and restrictions on color, typography and size are enforced.

Banners must be approved by the Office of Public Relations & Marketing the Wednesday prior to the Monday they will be posted, and banner display time is limited to one week only.

To read the guidelines in detail, see the “Banners” entry in the UAB Style Guide: found online at http://main.uab.edu/how.asp?urki=7708. To contact the Office of Public Relations & Marketing regarding banner guidelines, call 934-8552 or e-mail ardavis@uab.edu.

Campus restaurants shift to summer hours

Hours of operation for campus restaurants have changed for the summer.

Blazer Cafe is now open 8 a.m. to 2 p.m. Monday through Friday through June 29. The Grill and Grab N’ Go is open from 8 a.m. to 2 p.m. The Deli, Sauté, Soup & Salad and Chick-Fil-A serve from 11 a.m. to 2 p.m. The SBS in a public forum Tuesday, June 12 at 10 a.m. in the Halsay Recital Hall. The candidate, Jean Ann Linney, is vice president and associate provost at the University of Notre Dame. All are welcome to attend.

During the campus visit, Linney also will participate in interviews and discussions, meet with varying groups and tour UAB and the city.

Direct any questions to Lori Miles at lmiles@uab.edu.

Corrections

A photo of a nurse showing children how to check blood pressure on a simulation patient was incorrectly identified on p. 2 of the May 28 edition of the UAB Reporter. The nurse was Karissa Mouser.

In the same issue, the location of the artwork created by artists with developmental disabilities was incorrectly identified on p. 6. The artwork is on display in the Civic International Research Center atrium at 719 6th Ave. South.

We regret the errors.

Vol. 31 No. 18

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Mission: The UAB Reporter is published biweekly by the University of Alabama at Birmingham Office of Public Relations & Marketing to highlight and explore the interests, successes and achievements of UAB and its faculty and staff.

Deadlines: News items must be submitted by noon Monday, the week prior to publication and are used at the discretion of the publication staff.

Contributions: The UAB Reporter is distributed free to UAB employees. Office-managers should report changes in the number of copies needed by calling 934-2040. Requests permitted with prior approval.

Online: The UAB Reporter can be found online at www.uab.edu/reporter, including the previous 12 months’ issues. Issues since September 2001 are online at www.ubmefull.uab.edu.

UAB Reporter June 11, 2007
2

New policy says data security responsibility of UAB community

As part of its ongoing efforts to ensure information security, UAB has updated its “Data Protection and Security Policy.”

Managing and protecting data are responsibilities of all members of the UAB community - faculty, staff, students, visitors, schools, departments, affiliates and/or other similar entities, including employees of contracted or outsourced non-UAB entities. Because availability of data is critical to conducting business, all parties should learn to protect their individual data and data under their control or use by viewing the online UAB General Data Security training program. They also should periodically review all applicable data security, confidentiality and acceptable use policies.

The new “Data Protection and Security Policy” can be found at www.isis.uab.edu/Policies/DataDsh.pdf. Also, a training course has been developed and is accessible via the Courses & Training tab of BlazerNET (blazernet.uab.edu). The course, “Security Training – Data Security Training 2007 – Security Awareness for All Computer Users,” can be found in the Training and Requirements Dashboard channel.

A finalist in the Social of Social & Behavioral Sciences (SBS) dean search will present her vision for SBS in a public forum Tuesday, June 12 at 10 a.m. in the Halsay Recital Hall. The candidate, Jean Ann Linney, is vice president and associate provost at the University of Notre Dame. All are welcome to attend.

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Direct any questions to Lori Miles at lmiles@uab.edu.

Volunteer Liza Ravello helped kids make ponchos at the UAB Spanish Summer Camp this past week. Thirty-two local children ages 6-12 spent the week learning to speak Spanish through games, music, arts and crafts and other fun activities. The camp is sponsored by the UAB Department of Foreign Languages and Literatures.
Hearing of sound is in the ears of the beholders

The song, an American classic, is instantly recognizable, and its recording in Muscle Shoals established it not only as a power player in soul music in the mid-1960s. In fact, Alabama recording studios were so popular after the song's release that many of the world's most famous acts, including the Rolling Stones and Bob Dylan, wanted to record their music there.

Listen to Percy Sledge sing “When a Man Loves a Woman” and you can feel the angst. The passion of the vocals gives the feeling that Sledge's heart is practically breaking as he belts out the painful lyrics.

“When a Man Loves a Woman” also is one of the worst sound recordings of a major hit record in history, says Andre Millard, Ph.D., professor of history in the School of Social & Behavioral Sciences and an expert on the history of sound recording.

“It is one of the worst recordings ever made,” Millard says, “but as a song, it will knock you over every time you hear it. You want to burst into tears because it’s such a soulful song.

“But if that was your final test for a class in music technology, you would flunk it.”

Recorded sound has improved dramatically since Sledge’s classic was cut 40-plus years ago, but no iPod can improve the quality of any of the oldies but goodies. Millard recently discussed the history and future of recorded sound with a documentary film crew from LaPalm & Company Productions, which is developing a television series exploring the relationship between modern society and its digital gadgets. Millard was tapped because of his knowledge of the phonograph, one of the first truly consumer electronic appliances.

Millard is a former Edison historian and editor of the Thomas Edison Papers, which has more than 3,000,000 pieces in its archive, and he has written a book about the inventor and two of his greatest inventions — the phonograph and motion pictures. (Thomas Edison constructed the phonograph in December 1877, and a patent was issued two months later.)

At first, Millard was interested in Edison’s work with electric light and power. But, as a lover of music and owner of a record collection approaching 1,000, Millard was drawn to studying the phonograph and the history of sound. “And here I am today,” he says.

Old school

Millard can’t remember whether the first record he bought was “You Really Got Me” by The Kinks, or “Louie, Louie” by The Kingsmen. Either way, it was a 7-inch, 45 rpm vinyl single.

There is something magical about the sound created by those old records, Millard says. And he understands why some say CDs can’t compare to vinyl when it comes to capturing sound.

“You can’t get any better than a well-mastered, high-end CD,” he says. “But having said that, I know plenty of people who listen to ‘78s who will swear on a stack of Bibles that it is better. Their main argument is warmth. Warmth is something you can’t measure.”

Millard says we hear what we want to hear, however. “I think you can fool yourself into thinking what does and doesn’t sound great,” he says.

So what is best for sound? The well-mastered, high-end CD is right at the top. DVDs contain the best sound, Millard says, because they can hold more information. If you’re looking for good sound, you don’t want to listen to a digital file — the most popular format for buying music today.

“I think when you compress a digital file you lose a lot of space and there is a certain flatness to the recording,” Millard says.

The future

Where is the future of sound going?

Most believe iPods and other handheld digital music players are here to stay for a while, especially with the increasing number of Internet downloads of music. The CD format is certainly nearing the end of its reign as the dominant format for commercial recordings. CD sales have plummeted more than 20 percent this year, negating gains in sales on iTunes and similar services, according to the New York Times.

Since Dolby 5.1 digital sound is far superior to any existing stereo sound system, such as that amplifier and two large speakers many of us have in our living rooms, Millard predicts the highest fidelity music will be issued on DVDs instead of CDs in the future. “DVDs have more digital info, more channels and everything will sound better,” Millard says.

In his 1995 book America on Record: A History of Recorded Sound (updated in 2005), Millard predicted we would move away from having separate instruments and machines for our media, whether it be communication, music or movies. Earlier this year, Apple introduced its iPhone. It’s a mobile phone, widescreen iPod with touch controls and Internet communications device with desktop-class e-mail, Web browsing and search functions in one, small and lightweight handheld device.

“I don’t think we’re far from having one handheld device that has our phone, music, movies, move camera, computer and our personal information on it,” Millard says. “It will be our ID.”

So does it appear as if the days of reading recording liner notes are nearing extinction?

“Maybe we can get them sent to us in an e-mail,” he says.

André Millard takes a break from recording an interview with a production company developing a television series that explores the relationship between modern society and its digital gadgets. Millard, a professor of history, was interviewed as an expert on the history of sound recording.

Pence

CONTINUED from page 1

Many ethical questions have been raised by Speaker’s trip.

Why was he allowed back into the United States by a border inspector who disregarded a computer warning to stop him and don protective gear? Did his new father-in-law Robert C. Cooksey, a CDC microbiologist whose specialty is TB and other bacteria, report to him federal health authorities? If not, why? If so, when? Did the CDC abandon Speaker by asking him to check into a health facility in Rome instead of returning to the United States for treatment, as he claims?

At the very least, says Pence, the incident is revealing the holes in global disease control.

“This certainly shows the shifting nature of bioterrorism,” Pence says. “Most of our discussions have been inside nation states, but things are global now. We live in a world that’s so much more connected, and things can move so quickly. And denial and secrecy don’t work, although those have been the policies of many places in the past, such as China with SARS.

“Can you imagine if Ebola came here?”

We don’t have the concept to deal with it right now.”

That’s why bioterrorism is also a key concern, Pence says. There are ethical choices to be considered that would be immediate in impact and very, very difficult to make.

“Let’s say there’s a lethal outbreak of some agent or disease, and the decision has to be made to kill 100 people to save 10 million. Someone will have to make that decision,” Pence says. “Even more scary is that someone would not be able to make that decision and 10 million would die. But we have not had a national discussion on it. And who wants to take the heat for making that decision?”

However, Pence says, not everything is doom and gloom. In fact, he says, hope lies in the expansion of bioethics beyond America’s borders during the past 30 years. Bioethics centers exist in Japan, Brazil, Nairob, Holland and other points around the globe. And, in 30 years the global community could look back on some of these issues and compare them to subliminal behavioral conditioning.

“Life will throw you some things that are just going to be different,” Pence says. “The one thing we know is that bioterrorism will be interesting. That’s a guarantee.”
New medical team brings emergency care to bedside

HSF grants funds simulation center to improve emergency team training

The new Department of Resuscitation at UAB Hospital’s has created a Medical Emergency Team (MET) that will bring critical care to the bedside when an urgent, life-threatening situation arises in a non-critical care area of the hospital. Team members trained in a new simulation center are expected to help set a new standard for national health-care delivery, department directors say.

“The goal is to provide the resources needed quickly and get the patient stabilized,” says Jennifer Davis, M.D., co-medical director of the department.

“There is literature that shows hospitals can have a significant decrease in in-hospital cardiopulmonary arrest, unexpected ICU admissions or readmissions and a decrease in the absolute number of non-DNR deaths by implementing MET teams,” Davis says. “If we can move in more quickly on these patients, we can reduce the overall hospital mortality.”

Andrew Edwards, M.D., co-medical director, said each team includes a physician, two registered nurses, a respiratory therapist and a pharmacist, each of whom will receive specialized training. This team will provide service to the hospital 24 hours a day, seven days a week. “At the end of the day, we believe this will greatly enhance patient safety,” says Edwards.

Nurses primarily will be the ones activating the MET. They will use several indicators, including changes in heart rate, blood pressure, levels of oxygen saturation, decreased level of consciousness and even just instinct or concern about their patient.

“The team can initiate resuscitation efforts and stabilize the situation with the goal of preventing a patient from developing full cardiac arrest,” said Mike Moran, nurse manager.

Other lead members of the department include Wanda Sandlin, administrative director of Medical Nursing, and Martha Farley, nurse educator.

Simulation Center

The Department of Resuscitation will provide training for team members and offer continuing medical education (CME) classes for health-care professionals in its simulation center. Davis and Edwards are co-principal investigators on a two-year, $250,000 grant provided by the UAB Health Systems Foundation General Endowment Fund to improve patient care through simulation training.

The center uses two, state-of-the-art, human-patient simulator manikins to help train staff in resuscitation techniques, assessment of disease processes and invasive procedures such as placement of central lines and chest tubes and difficult airway management. The manikins also can be programmed to simulate disease processes such as sepsis, pneumonia, bleeding ulcers and will respond to trainee interventions.

Cameras enable the teams to capture their training on video and follow up with discussion and review of the events in the debriefing room.

“You can see firsthand where you need to improve, either as a team or individually,” Davis says. “The debriefing session is probably the most valuable education tool in the whole process.”

Expanded uses

The simulation center also can be used to train house staff and many other groups on campus, Davis says.

“We’re going to extend it initially to house staff, primarily focusing on trying to reduce complications from procedures,” she says. “We hope to extend it to the medical school, as well. We believe it can benefit medical students, nurses, house staff and even attending physicians who want to practice skills they may not have used in a while.”

Davis says the center also will invite the community for CME courses and possibly train paramedics and firefighters.

“The resources of the hospital and expertise of the staff are expected to set a national standard for health-care delivery. We believe this department and the simulation center will help us achieve these goals,” says Davis.

Submit essays for Conner Prize in the History of Ideas

UAB is accepting submissions for the 2007 Frederick W. Conner Prize in the History of Ideas for the 2007-08 academic year. The Conner Prize is awarded for an essay in the history of ideas written by any member of the faculty or administration of UAB. The term “history of ideas” is to be interpreted liberally, as including a broad range of interdisciplinary concerns. The prize carries an award of $250.

An original and three copies of each essay must be submitted to Claire Peol, Ph.D., interim associate provost for Faculty Development and Faculty Affairs, send submissions to Peel in UAB Administration Building Room 374. The deadline for submission is Wednesday, Sept. 12.

The prize will be awarded in November, provided that three or more entries are received. If fewer than three entries are submitted, the prize will be awarded the following fall or at any succeeding fall when sufficient entries are received.

Published and unpublished essays may be submitted. Published essays should have appeared no earlier than August 2006. All entries should be submitted in a form suitable for publication, including standard footnotes and references.

The entries will be reviewed anonymously by a panel of judges; therefore, the author’s name should not appear anywhere in the essay. Submissions must be accompanied by a cover sheet that identifies the author.

The Conner Prize is named for Frederick W. Conner, former dean of the School of Arts & Humanities at UAB. Contact Peol at 934-0513 or e-mail peolc@uab.edu for more information.
Making the old new again
The physical part of the integration of OADI and the Entrepreneurial Center, which began a few years ago as a joint oper- ating contract between two separate entities to share staff, and achieve cost efficiencies, is evident in the renovated Sears building, a downtown Birmingham landmark at 1500 First Ave. North. Built in 1945 and once home to a jewelry store, the building is a hub of the city’s retail community, the decaying building – set conveniently between the city’s finan- cial district and UAB and near the future downtown Birmingham landmark at 1500 1st Ave. North – had been vacant for 20 years until tenants of Innovation Depot moved in late April.

The architectural firm of Williams-Blackstock modified the original box-style design of the building while making the best of its historic roots, including ter- razzo floors. Decorated in a high-energy color scheme with skylights in high ceilings, concrete columns and exposed ductwork, the 140,000-square-foot structure features a variety of different-sized and shaped-spaces and a feature-rich place to accommodate companies at varying stages of growth.

In addition to housing some 40 exist- ing tenants (star tenants and graduates include Magazine, Madison, Yvon, Viata Engineering and TransMolecular Inc.) and offering space for at least 25 more, the incu- bator has already helped Birmingham nurture a new corporate headquarters. Naivelle- based BioDtex Inc. said it plans to expand its research lab in Innovation Depot, and call the incubator home for its head office beginning in July. Production and distribu-

Economic impact
BioDtex can be considered a microcosm of the impact OADI-Entrepreneurial Center business incubation has on the greater Birmingham economy; combined, the two incubators have had a $1.3 billion economic impact on the area’s economy.

over the last five years. Much of that impact is attributable to companies that have been created through the licensing of technology through the UAB Research Foundation. The incubator, which was formed in 1987 to identify, assess and protect commercially viable intellectual property developed at UAB, has generated 31 start- up companies based on its technologies and completed more than 330 income-generating option and licensing agreements.

Also calling Innovation Depot home will be the new location of The Bakery at 1500 in Innovation Depot, which will open in fall 2007 with the public and feature baked goods, gelato and cater- ing not only for the building’s public spaces, but other businesses downtown, as well.

Along with the fun option of onsite coffee shops and cooks, the tenants are provided with the hard-core necessities needed to conduct their business: wireless hotspots in common areas, TV Internet connections, 20,000 square feet of wet lab space, de- ionized water, generator back-up for critical equipment and chemical fume hoods. Also, the co-working lab offers a large autoclave, high-speed centrifuge, minus-80 degree freezer, Cytoviva microscopic optics system and lab glassware dishwasher.

For more information about Innovation Depot, visit www.innovationdepot.net.
Syllabus

Monday, June 11

4 pm Laboratory Medicine Special Pathology Seminar. Transfusion therapy in sickle cell disease: Indications and adverse effects, Dr. Maria Brumit (Medical Director, American Red Cross Blood Services, Charlotte, NC); WP-E.

Tuesday, June 12

8 am Neurology GRs/ Women in Neurology GRs Series. Parkinsonism and sleep: Was it a vision or a walking dream? Dr. Cynthia Correll (Prof, Neurological Science Movement Disorders, Rush University Medical Center, Chicago, Ill); WP-E.

Wednesday, June 13

7 am Cardiology GRs. Clinical problem-solving; WP-E.

Thursday, June 14

5:25 pm Power Yoga; UAB Marshall Conference Center. For more info, call Fran 967-0303.

Friday, June 15

7:30 am Falun Dafa exercises. Friday, June 15

Sunday, June 17

10 am Catholic Mass: St Stephen Church, 1515 S 12th Ave. 933-2500.

Religion

Tuesday, June 12

12:10 pm UAB Resource Center Wellness Program. Stress management through meditation; The Resource Center. Call 4-2281 for more info or visit www.uab.edu/esp.

Thursday, June 14

12:10 pm UAB Resource Center Wellness Program. Stress management through movement; The Resource Center. Call 4-2281 for more info or visit www.uab.edu/esp.

Friday, June 15

7 am Falun Dafa exercises, an ancient Chinese exercise that brings harmony & health. UAB Mini Park, 4-8295.

Final Defenses

Thursday, June 14

2 pm Biology. Characterization, community structure and ecological importance of sponge-associated bacteria, Candidate Patrick Erwin; CH-274.

Friday, June 15

10 am Cell Biology. Parallel in TRNA primer acquisition by lentiviruses, Candidate Maureen Kelly; BBRB-170.

Friday, June 15

2 pm American Academy of Professional Coders. Breast procedures, Asst Prof Helen Krontiras (Surgery); John Whitaker Bldg. 2 CEUs available.

Monday, June 11

5:25 pm Power Yoga; UAB Marshall Conference Center. For more info, call Fran 967-0303.

Tuesday, June 12

Noon Employee-led Bible Study. Interfaith Chapel-West Pavilion. 12:15 pm Latter-day Saints Student Association. Scripture study and discussion; HUG-413. All welcome. For more info, Andrew 822-9336.

Wednesday, June 13

10 am Catholic Mass: St Stephen Church, 1515 S 12th Ave. 933-2500.

5 pm Catholic Mass: St Stephen Church, 1515 S 12th Ave. 933-2500.

5 pm UAB Hindu Student Council. We will have a session on singing and feasting the Hare Krishna way where everyone is welcome to join. For more info, Varadraj Prabhu 383-9805. 1501 15th Ave S, Apt 20, Birmingham.
Exhibits
Mervyn H. Sterne Library. The Czech Republic. Show runs through May 31. Library hours: 7:30 am-11 pm Mon-Thurs; 7:30 am-7 pm Fri; 9 am-5 pm Sat; 1-11 pm Sun. The Samuel Ullman Museum. Home of prominent Birmingham civic leader and poet. Open by appointment only, 4-3328.
Visual Arts Gallery. The Third Dimension: Sculpture and 3D Objects from the Collection. 900 13th St. S. Admission is free. Call 4-0815.
Alabama Museum of the Health Sciences. 2007 UASOM Art Show featuring Student, Resident and Faculty entries. LHL-3rd Fl. For info, call 4-4475.

WBHM-FM, 90.3
Fresh Air with Terry Gross can be heard 3-4 pm Wed. and Thurs. and noon-1 pm Saturdays. The immortal fantasy tales adapted from Ursula K. LeGuin’s novel “The Left Hand of Darkness” will be the focus of a course Tuesday, June 26 from 11 a.m. to 1 p.m. in Spain Auditorium.

Special events
Tuesday, June 12
10 am School of Social & Behavioral Sciences/Dean Search. Jean Ann Linney, vice president and associate provost at the University of Notre Dame, will present her vision for SBS in a public, Hulsy Recital Hall. All are welcome to attend. During the campus visit, Linney also will participate in interviews and discussions, meet with varying groups and tour UAB and the city. Direct any questions to Lori Miles at lmiles@uab.edu.

Standing seminars suspended for summer
CNRC/Nutrition Sciences Noon Seminar will resume in Aug.
Endocrine Conference will resume Sept. 6. Geographic Medicine GRs will resume Sept. 10. GI/Hepatology GRs will resume Sept. 10. Hematology/Oncology GRs will resume in Sept. Hematology Oncology Research Conference will resume Sept. 10.
Vascular Biology/Hypertension Program Seminar will resume Sept. 7.

Going Greek can be a healthy diet change
Could eating the way the Greeks and Italians do improve your health and add years to your life? Possibly, but going Greek requires a lot more than adding a glass of red wine to your daily diet.
Find out what Mediterranean-style eating is and if it’s right for you during the Healthy Living brown-bag seminar offered by the Commission of the Status of Women. Monday, June 25 from 11:30 a.m. until 12:30 p.m. in the Lister Hill Library Ireland Room.
Seating is limited to 40, and drinks and dessert will be provided. Registration will be handled on a first-come, first-served basis. To register, e-mail or call Cassandra Walker at walkerc@uab.edu or 934-8810.

Research compliance is June 26 course topic
“Understanding Research Compliance at UAB” will be the focus of a course Tuesday, June 26 from 11 a.m. to 1 p.m. in Spain Auditorium.
Included will be presentations from the Institutional Animal Care and Use Committee (IACUC), the Office of the Institutional Review Board (IRB) for Human Use and the Office of Grants and Contracts Administration (OGCA).
The session will examine:
• Compliance issues for conducting research with animals and people
• Walking an extramural application through the OGC
• Obtaining authorization from the IACUC and IRB
• Requirements for IACUC and IRB training
• The NIH conversion to electronic applications
This course is part of the Scientific Writing Seminar Series and is being sponsored by the UAB K30 Program; lunch will be offered. To register, contact Laurel Hitchcock (lhitch@uab.edu) by a 10 a.m. Wednesday, June 20.

Legend of locations
AB Administration Bldg.
BDB Bevill Biomedical Research Bldg.
BHBB BBRB Bevill Biomedical Research Bldg.
CH Campbell Hall
CHCS Business Health Services Bldg.
CMF Center for Psychiatric Medicine
HUC Hill University Ctr
JTI Jefferson Tower
K HGKB Kiah Human Genetics Research Bldg.
LHK Lister Hill Library
LHR Lyons-Harrison Research
MCLM McCaulum Building
MCSA Margaret Cameron Spain Aud.
NAP North Pavilion
RB Rivals Building
SB Scrutiny Building
SMHL Shelby Biomedical Research Building
SOD School of Dentistry
SOE School of Education
SON School of Nursing
SOO School of Optometry
SRC Spain Rehabilitation
TCVA The Children’s Hospital
TU Hospital of Alabama
TRC The Kirklin Clinic
UM University of Alabama at Birmingham Office Bldg.
USM UAB Office Bldg.
WL Walker Hall
WM West Pavilion
WBB 2nd Floor Building
ZRB Ziegler Building

From Alabama governor to appellate judge: Wier takes a look at John Patterson’s career
On Monday, June 18 at 8 p.m., UAB Communication Studies adjunct instructor and film producer Tommy V. Wier’s documentary “John Patterson: In The Wake of the Assassins” will debut on Alabama Public Television.
The documentary film co-produced and directed by Alabama filmmaker Robert Clem examines the life and career of John Patterson, the young Phoenix City attorney who launched onto the public stage in 1954 after the murder of his crusading father, Albert Patterson, who was assassinated while running for Alabama Attorney General in 1954. John Patterson would serve four years as attorney general in his father’s place and then run successfully for governor of Alabama in 1958. The film chronicles Patterson’s rise in state politics to become governor, his role in the Bay of Pigs Invasion and his struggles to deal with the civil rights movement.
Patterson has had a long and distinguished career as an appellate judge since he left the governor’s office in 1963 at the age of 41. Among other topics he will discuss is his recent service as chief judge of the panel reviewing the dismissal of Roy Moore as chief judge of the Alabama Supreme Court in 2004. Patterson will explain the legal basis of his panel’s decision to affirm Judge Moore’s dismissal, and will discuss how Alabama politics has changed since the ‘50s and ‘60s.
The documentary will air again Tuesday, June 26 at 8 p.m.
Parcak uses satellites to reveal ancient civilizations

If you are the type of person to drop change on the ground or misplace your car keys, you might want to call Sarah Parcak, Ph.D. to see if she can help. She has knack for finding hidden things.

“I’ve always been good at finding things,” Parcak says. “When I was little, if someone dropped a quarter on the street, I would find it. If you show me a patch of clover, I’ll find the four-leaf clover.”

These days, Parcak, an assistant professor in the UAB Department of Anthropology, is trying to unearth great- er things. She’s leading archaeologists in a race against time to uncover sites in Egypt that are being destroyed by war, development, urban sprawl and looting. By her estimates, only 1/100th of 1 per cent of these archaeological sites have been uncovered in one of the world’s oldest civilizations, which dates back more than 6,000 years and covers a landmass of 387,000 square miles.

“There are thousands, tens of thousands, of cities and villages yet to be discov- ered,” Parcak says. “People have focused on years for tombs, and we know how kings, queens and princesses lived. So what? How did everyday people live? How did they function on a day-to-day basis? These are questions you can only answer by looking at settlements.”

But finding such settlements isn’t easy. In the Middle East, the remains of many ancient towns and settlements lie beneath modern towns. It makes the ancient sites—or “tell”—difficult to locate with conventional archaeological surveying techniques. Instead, Parcak relies on sat- ellite remote-sensing technology to locate them.

A different space race

Currently more than a dozen orbiting satellites provide data crucial to improving knowledge of the Earth’s atmosphere, oceans, ice, snow and land, according to the International  Earth Science Information Network. Egyptologists now are employing the same technology geologists, meteorolo- gists and other scientists have used for years. With satellite remote sensing, sen-sors mounted onto satellites measure the energy reflected from the earth’s surface. The data is displayed as a digital image that shows environmental changes, agri-cultural activities, water temperatures and erosion.

“There are a number of computer programs you can use to analyze this imagery, and it’s extremely beneficial in locating sites,” Parcak says. “With this technology, I kind of have a sixth sense about what will work and what won’t.”

Parcak uses special satellites to locate sites in Egypt that are being destroyed by war, development, urban sprawl and looting.

For example, in 2003-2004, Parcak located 132 ancient sites, some dating as far back as 3,000 B.C. Previous surveys and excavations recorded only 59, and 83 other sites had never been visited or recorded. She even found 15 sites once believed destroyed. Still, “I’m only uncov- ering a fraction of what’s even using this technology,” she says.

Site loss

One of the areas in which Parcak has been able to see the results of erosion, for example, is at a site in Tell Telleb. In the early 1800s, Parcak says the site measured 1,000 by 1,000 meters in size. Today, the same site measures 360 by 300 meters in size.

“It’s massive site loss,” she says. “In another 10-15 years the site will be gone, and it dates to around 600 B.C.”

Two other things that greatly complicate excavation are population pressures and private ownership of many sites. Often, families are forced to remove an archaeo- logical site to build their house and turn a field over to growing their food.

“This is not just happening in Egypt,” Parcak says. “It’s a global problem.”

Still exciting

Parcak and her husband Greg Mumford, Ph.D., an instructor in anthropology, typ- ically make trips to Egypt twice a year. Parcak is a field director for the Middle Egypt Survey project, based out of Tell El-Amarna, Egypt’s most well preserved city.

Parcak says the thrill of the unknown still most excites her about a site, and that her specific interest in Egypt stems from a childhood experience. She remem- bers that her family was supposed to go to New York to a King Tut exhibit but had to cancel at the last minute.

“I guess I claim my career as a sort of revenge,” she says, laughing. “It makes no sense that a girl from Bangor, Maine, would have an interest in Egypt. But I do, and I love it.”

Sarah Parcak pauses for picture in front of an ancient sphinx at a site in Giza, Cairo, in the spring of 2006. Parcak is leading archaeologists in a race against time to uncover sites in Egypt that are being destroyed by war, development, urban sprawl and looting.

Geiger

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assist Special Olympics Alabama with its “Healthy Athletes” initiative.

The mission of Healthy Athletes is to improve athletes’ ability to train and com- pete by improving their health and fitness. Special Olympics sponsors and volunteers work with events across America and around the world to provide the athletes with a variety of health screenings and services presented in a fun, welcoming environment.

“Often we find people with these intellec- tual and developmental disabilities have had very little health education presented to them in a way they can understand it, so the message is lost,” Geiger says. “These screenings offer a chance to help them and their families better understand their bodies and the need for self-care.”

The initiative includes seven disciplines: Fit People (podiatry), FUNfitness (exercise science), Healthy Hearing (hearing), Health Promotion (nutrition, bone density, tobacco use and skin assessment), Opening Eyes (eyes), MEDfit (sports physical) and Special Smiles (dentistry). Three of these (Healthy Hearing, organization has mobilized to attract vol- unteers.

“This is one of the most unique approa- ches to bringing those who need services and those who are willing to pro- vide services together in a non-traditional setting that also is cost-effective,” Wagner says. “To date, more than 500,000 screen- ings have been conducted worldwide, and the Healthy Athletes program continues to expand as new volunteers like Dr. Geiger are trained and initiate screenings in their communities. Dr. Geiger joins more than 30,000 health professionals worldwide who are leading this initiative in their local, state or national Special Olympics Programs.”

FUNfitness and Fit Feet are the first screenings Geiger hopes to implement. He is confident UAB can play an important role in this outreach project.

“Within the School of Education we have health education/high promotion, spe- cial education and exercise science degree programs. Both faculty and students will benefit from participation in Healthy Athletes,” he says. “The School of Dentis- try has helped with this program in the past, as has the Alabama Optometric Association.

“I think the potential for students to learn through active service is enormous. There also are future opportunities for research and scholarship.”

One of the reasons is that the data from the Healthy Athletes venues are entered into a Web-based software application called Healthy Athletes Software System (HAS). It constitutes the largest database of health data about athletes with intel- lectual disabilities.

The information on the athletes is review- ed by health professionals who can then contact the athletes or their families and give them recommendations regarding any kind of treatment they need.

“The health data gathered at these events are important for planning programs, gaining support, improving policies and research,” Geiger says. “We’re collecting information on a population that’s not well studied.”

If you would like to learn more about how to help with the Healthy Athletes program in Alabama, contact Geiger at bggeiger@uab.edu or 934-8326.
Women

Would you like to know about an investigational treatment for women who have recently stopped drinking? Treatment will examine the safety and effectiveness of an oral medication for alcohol dependence. Compensation up to $120. Call 996-2193.

Have you been in a monogamous relationship for 1 year or more? You & your partner may be eligible to participate in this study for up to 2 years. Compensated. Up to $300. Call 996-2780.

Adults aged 45 and older are being invited to participate in a study to evaluate the relationship between neurologic exam and bladder function. Compensation. 4-9281.

African-American men/women ages 55-90 required for an 8-week study on weight loss. Participants must be overweight or obese and have a BMI of 30-45. Meet with project coordinator to determine if you qualify. Call 4-9967/jhigg@uab.edu. Compensated up to $250.

Healthy caucasian and African-American women age 19-45 recently diagnosed with herpes? You may be eligible to participate in a study that is being conducted at the UAB School of Dentistry. A research study of an investigational herpes vaccine. Call 996-2780. Compensated up to $460. 5-6914/herpe

Men

Incontinence study compares two treatments for urinary incontinence after surgery for prostate cancer. You may be eligible if you are still experiencing urinary leakage more than a year after their prostate surgery. Call 7-6933-816. Compensated $500.

Healthy African-American men age 19 and older needed for an 8-week study on weight and diabetes outcomes. Must have type 2 diabetes and be eligible for medication therapy. Meet with project coordinator to determine if you qualify. Call 996-2780. Compensated. 5-6914/herpe.

Clinical Trials

UAB Adolecience Medicine is looking for teens and parents to join their monthly advisory council. Call 996-2193.

We want to serve children with autism and severe behavioral problems, such as tantrums, aggression and self-injurious behavior, who may be eligible for a research study that is being conducted by the UAB Department of Psychiatry Clinic. Compensation. 334-483-2484. All study related procedures are done at no cost to participants.

Do you have children who are self-identified lesbians and are not taking hormone replacement therapy. Cheryl 996-6270. Compensated.

Men age 30 and older with, or at-risk for, osteoporosis needed for a 1-year study on bone health. Evaluation at no cost. Compensation. Jo Ann 4-1765.

African-American women over the age of 60 needed to participate in a study at UAB to evaluate the role of estrogen in cardiovascular disease. Meet with project coordinator to determine if you qualify. Call 502-857-8721. Compensation.

Healthy African-American, Caucasian, and Hispanic children ages 7-12 needed for diabetes research. Receive information on blood sugar levels, body composition, and bladder function. Meet with project coordinator to determine if you qualify. Call 996-2780. Compensation.

Healthy girls 10-17 years old needed for a research study of normal vaginal flora. Two visits. Meet with project coordinator to determine if you qualify. Call 996-2780.

Healthy women age 19-45 and are not taking hormone replacement therapy. Must have normal periods, not be pregnant, and are not taking hormone replacement. Meet with project coordinator to determine if you qualify. Call 996-2780. Compensation 1-877-210-9723.

Healthy women age 19-45 and are not taking hormone replacement therapy. You may be eligible for a research study to identify predictors of menopausal symptoms. Meet with project coordinator to determine if you qualify. Call 996-2780. Compensation.
Appliances & Electronics
Kenmore gas stove, very good condition, for 1.5 years, $500/nego; Large wedding size, $150 each; wall oven, $60/nego; prom dress, red, with jacket/tail, size 16, $165/nego. Debbie 541-2156.

Whirlpool dryer, white, few months old, exc cond. $200 o/b. ASHAR 871-6010. Shermika 788-4454 sanberry@uabmc.com.

Automobiles
‘04 Chevy Colorado truck, blue, 9000 mi very good cond, standard shift, CD, no sell price negotiable. 644-6822/664-7554.

‘05 Toyota Camry LX, 8000 mi, ac, cruise, PW, PL, AM/FM CD & aux, excellent ac, AC, alloy wheels, roof rack, $7000. Chris 4-8492/880-3597.

‘09 Ford Five Hundred Limited, 4-dr, all power, exc cond, exc condition, $2000 o/b. Wheels: $100 each. Lavonbeard@hotmail.com.

“04 Jeep wrangler, mbblackmon@uabmc.edu.

Wash System, like new, used 11 hours, $200; cub cadet lawn tractor with bagger unblemished, $75; sample available on-cam.

stairs

2 concord liberty stair lifts for straight stairs, 13000 mi, 2-dr, manual, 1 year warranty, $200 each. For sale/available info: GrassRoots@uabmc.com.

Miscellaneous
‘08 Honda VTX1300s, chrome on black, 14000 mi, very good condition, $3300.

‘05 Suzuki GSX-R1000, red & silver, 5000 mi, good condition, $1600.

Ex-Z-20 golf cart, battery operated, white, cargo box, $450. 449-7289-0573/283-6367.

Sports & Fitness

For Sale
Alabaster—FISB, Wynlake, 4 BR, 2.5 BA, at brick, as oil, fenced, private, wooded lot, only 4.5 miles off of 1-65, cut de-sac, $249,900, forsale-bymower.com 33635.

Afford area—spaceous 4 BR, 3.5 BR, 93 PRICED TO SELL TO UAB, granite counters, stainless appliances, all cabinets new, floor new, 2 doors, new 94, Heat pump, new paint, move in ready. 859-617-2579.

Altamont Parkway Condos—very private stucco patio, great for pets and children, 3 bedrooms, 3 bathrooms, in floor, $250/night. Indian Jeff 602-2525.

Centerpoint—3 BR, 2.5 BA home on large lot, new vinyl siding, new kitchen floor, new floor, new HVAC, new paint, $20,000 o/b, move in ready. 904-707-6612.

Centerpoint—3 BR 1/2 BA Title or mortgage free, designer colors in kitchen, freshly painted in/out, new carpet through out. All utilities included Brand new+ brand new appliances, laundry area, deck and storage area for small boats or furnishings. At $525.

Chattahoochee—2 BR, 2 BA, 6000 sq ft, unit 202, 1550 mt to old town, $3500.

Clay—FISB, 4 BR, 2 BA, 224-2483.

Clay/Chattahoochee—built in in 2003, 3 BR 2 BA, brick house, 2 BR, front and back, $200/night. Adriana 4-7011, 4-7011.

Crestline Gardens—FISB, 3, 5 BA, 1/2 acre, beautiful lot, full basement, large deck, full kitchen, $136,500. MLS# 314829. 219-5769.

Greenbriar-I—2 BR, 2 BA cottage on 50-acre lot, $1000/month. Debbie 541-2316.

Greystone—2 BR 2.5 BA, full basement, full garage, $121,000. John 527-7624.

Gulf Shores—2 BR, 2 BA townhome, all furnished, sleeps 6, pool, tennis, no pets, next owner, $475/obo. sherricka53@hotmail.com.

Ingram Gardens—FISB, 4 BR, 2 BA, 2 BR/3.5 BA, all brick, built in '01; barn w/tack room, BA and storage facilities, wood fenced property, $190,000. 251-716-5282/lavonbeard@hotmail.com.

Junction City—FISB, 4 BR, 3 BA, family room, LR, 2-car garage, fenced backyard, $189,000; seller will not sell unless you can sell the pool. 585-6116. MLS#: 340761 Tracy 862-2946.

Kiva Dunes Golf Plantation—top-floor luxury condo, city view, 2 BR, 2 BA, sleeps 6, $450/mo. 467-7080.

Kiva Dunes Resort—2 BR, 2 BA unit (sleeps 6), (1) 3 BR/3 BA unit (sleeps 8) or 1 BR/1 BA ($500/wk, 8 people) or 1 BA ($300/wk, 4 people). Pics avail. Lynn 4-6101/realumbc.com.

Kiva Dunes Resort—2 BR, 2 BA, great room with FP, large screen TV, balcony, views of the lagoon, $950/mo. 458-8626.

Kiva Dunes Resort—2 BR, 2 BA, new carport, fenced backyard, $189,000; seller will not sell unless you can sell the pool. 585-6116. MLS#: 340761 Tracy 862-2946.

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In tumor treatment, there’s a thin line between destroying cancer cells and saving the good cells nearby. That’s why UAB is working every day to make advances in radiosurgery. Radiosurgery, including Gamma Knife® and tomotherapy, targets a tumor using techniques that require no surgical incision. These treatments can precisely pinpoint tumor cells while sparing healthy tissue, getting you back to your life a little faster.

UAB was the first in the area to offer radiosurgery, and we’ve treated thousands of patients. This expertise allows us to offer the widest array of radiosurgery options, to treat more types of conditions. Visit uabhealth.org/radiosurgery, and discover what UAB can mean to your life.