

Fate or fortune?

USC physician's life-saving act foretold long ago

Twenty years ago, a fortuneteller told Moscow resident Tamara Rzhanchinskaya that an older man named Volodya from a faraway land would one day save her life.

Call it fate or just plain old good luck, but when Rzhanchinskaya collapsed in total cardiac arrest in Moscow's Ministry of Health on July 20, it was USC's Dr. Vladimir Zelman—Volodya to his friends—who rushed to her side and performed life-saving CPR.

"Zelman did a fantastic job—he saved that woman's life," said John Thurgood, director of USC's Office of Contracts and Grants.

Zelman, co-chair of USC's Department of Anesthesiology, and Thurgood were part of a USC delegation who went to Moscow on July 19 to lay the groundwork for a cooperative effort to share knowledge about AIDS treatments and other common medical interests.

Joseph Van Der Meulen, vice president of health affairs, Alexandra Levine, professor and chief of hematology, and Pablo Valencia, director of technology transfer for the School of Medicine, completed the USC delegation.

Zelman, a native of the Ukraine who cared for officials and VIPs in the Kremlin before immigrating to America in 1976, was recruited for the Moscow mission for his invaluable knowledge and lifelong contacts in the Russian health care system. For instance, Zelman had his local contacts arrange a crucial meeting with Guennady Onyschenko, head medical officer for health for the Russian Federation.

"We could not have made this trip and had it be as productive as it was without Dr. Zelman," Thurgood said.

And that was before Rzhanchinskaya collapsed.

It was a hot, muggy July morning when Rzhanchinskaya—the delegation's energetic guide—

See **PROPHECY**, Page 2

Amid flashing cameras, waving relatives and the melodic keys of a piano, 150 first-year medical students marched out of Mayer Auditorium last Friday one step closer on their journey to becoming physicians.

Now, at least, they have the wardrobe — as well as a basic understanding of the responsibilities that come with donning the crisp white coats that symbolize the medical profession.

Celebrated for the third year, the White Coat Ceremony remains a relatively new tradition for the 113-year-old School of Medicine. It is intended to initiate first year students into the profession of medicine and to reinforce the concepts of ethics and honor in the medical art.

At the end of the ceremony, the class recited the Hippocratic oath, the traditional code of conduct for physicians.

Organizers gave the event a new twist by including faculty teaching awards in the ceremony for the first time this year.

"We want to welcome this outstanding group, the Class of 2002, into the field of medicine," said Clive Taylor, the medical school's senior associate dean for academic affairs, in his address to the crowd of students, family, friends and others.

"We are also here to recognize the excellence of the faculty, who show by their example what it means to be an outstanding physician."

Part of the reason for the White Coat Ceremony is that new medical students now begin working with patients much earlier in their training than in the past.

"Our intent is to foster professionalism and humanism, and emphasize the importance of the physician-patient relationship from the start," said Peter Katsufakis, associate dean for student affairs.

Outlining the medical school's three priorities — patient care, research and education — Stephen J. Ryan, dean of the School of Medicine, said that the ceremony, by combining an official welcome of new students and a recognition of faculty teaching, celebrated USC's commitment to its mission of teaching the next generation of physicians.

The ceremony was sponsored by the Salerni Collegium, an organization of alumni, faculty, parents and friends of the medical school, and the Arnold P. Gold Foundation, a public foundation dedicated to fostering humanism in medicine.

Ceremony honors top teachers, new class of doctors-to-be



Top, 150 new students accepted their white coats and took the Hippocratic oath as part of a new tradition. Above, Rebecca Breed (left) and Paola Barrientos cheer their peers receiving their coats. Above right, Carl Chang accepts his coat from School of Medicine Dean Stephen J. Ryan.

Appearing sans his white coat, keynote speaker Peter Crookes, assistant professor of surgery and winner of the 1998 Kaiser Teaching Award, joked that he had entered the "post-white coat" stage of medicine, "I've given up treating patients and just turn up once a week and bark at residents."

Crookes compared the four years of medical school to a journey to the polar regions, saying it attracts people eager to endure difficulty for the promise of one day earning honor.

The rewards, he says, are that the medicine is one of the few kinds of work that "gives you energy."

Thirty-three instructors were recognized for their teaching efforts by last year's medical students. "I know it seems like there are a lot of awards, but there are a lot of good teachers," Taylor said.

Keynote speaker Alexandra Levine, professor and chief of hematology, advised students to be compassionate, respectful and grateful to the people they care for in the next four years. "Everything you learn about the practice of medicine, the patients will teach you," she said.

"It seems like it's official now," said one aptly-named first-year student,

Vishal Shishir Doctor, who appears to take jibes about his name and chosen career with exceptional grace. "I'm used to it. Ever since I decided to be pre-med, people would mention it."

Student Reena Kaul enjoyed the ceremony, saying "it's a nice way to mark the beginning of a long process." Kaul will work with patients for the first time soon. Will she wear her white coat? "I think we have to," she said.

—Eva Emerson

See **AWARDS** page 3 for list of teaching award recipients.

Advanced surgical techniques offer patient a new lease on life

A few weeks ago, Oscar Gonzalez didn't have much of a future to think about.

He came to Los Angeles County+USC Medical Center in early August with two aneurysms on his aorta — ticking time bombs that could kill him in an instant.

The prognosis was grim. His kidneys were failing. Major surgery was possible, but the odds were high that a complicated and bloody operation would push his kidneys or liver to total failure, paralyze or even kill the 49-year-old apartment manager.

Enter USC physicians Darwin Eton and Michael Katz. For six months, Eton, associate professor of surgery, and Katz, associate professor of radiology, had been preparing to perform a new, less-intrusive procedure to treat exactly this type of case.

On Aug. 26, the duo performed the first-ever thoracic aortic endovascular graft at LAC+USC Medical Center. The procedure requires a surgeon to navigate a sheath containing a self-deploy-

ing graft to the damaged area and deploy it to seal the impending rupture. Because the incision is only 5 cm long — eight times smaller than in traditional surgery — Gonzalez was free to walk out of the hospital to his 4-year-old granddaughter, Catherine, after only a few days instead of weeks.

"I'm thankful. I feel good," Gonzalez said last week from his home in Los Angeles. "I have some slight pains here and there, but otherwise I'm doing just fine."

Eton and Katz are ecstatic. Combining their skills, research and cutting-edge medical procedures, they saved a man's life and cleared the way for more less-invasive and inexpensive surgery for future USC patients.

"This was a remarkable case," Eton said. "He essentially had a fatal combination of problems. So we just tackled them one by one."

Since 1990, Eton has been among a handful of vascular surgeons seeking new ways to repair aortic aneurysms using endovascular stent-grafts, cylin-

dric conduits that attach themselves to the wall of the aorta and patch a potentially lethal rupture.

He and Katz began preparing to do a procedure earlier this year. They gathered the best equipment and constructed their own grafts, Dacron material sutured into self-expanding stents that hold the graft in place.

Gonzalez proved an ideal candidate. The precarious condition of his kidneys meant traditional surgery was a major risk. He agreed to try the endovascular graft.

Eton decided to attack Gonzalez' myriad problems in two steps.

On Aug. 12, Eton and his chief resident, Johnathan Kuehne, repaired the smaller aortic aneurysm below Gonzalez' kidneys, restored the blood supply to the kidneys and colon and straightened some tortuous arteries that might have impeded the endovascular graft.

On Aug. 28, Eton teamed with Katz to insert the graft in a sheath through a small incision in Gonzalez' groin.



Darwin Eton displays the stent graft used to repair an aortic aneurysm.

Anesthesiology team headed by Earl Moore-Jeffries, assistant professor of anesthesiology, slowed Gonzalez' heart almost to a stop — so that the heart's pumping action wouldn't deflect the movement of the cylindrical conduit and to aid radiologists in tracking the operation. Because traditional imaging methods had the potential to harm Gonzalez' already weakened kidneys, Katz used carbon dioxide angiography — an imaging technique pioneered at USC — to help Eton see the procedure. While carbon dioxide is less sensitive and provides a less detailed internal

images, it also is less harmful. It worked well.

"We had outstanding imaging, and we were able to get us the view we needed to position the graft into the aorta," Eton said.

The graft deployed perfectly. The critical steps of the operation took less than 30 minutes.

After a few days of tests, Gonzalez went home to his family. He is still recuperating, but he's also started thinking about a future again. He plans to begin tinkering with cars and eventually return to his job as an apartment manager.

Meanwhile, the surgical team that saved him didn't pause to rest on its laurels.

The day after Gonzalez' surgery, the same team performed a similar procedure on a seriously injured elderly woman's subclavian artery—which provides crucial blood flow to the brain and arms. The operation also was a success.

—Phil Davis

PROPHECY: Physician proves he's a life-saver in more ways than one

Continued from page 1

shepherded the USC team through Moscow traffic to the Ministry of Health.

Zelman was headed into a meeting when Rzhanchinskaya collapsed. What first looked to be a seizure turned out to be far more serious as Rzhanchinskaya's face turned pallid—"like a cadaver," Zelman recalled—and she stopped breathing.

"Vladimir just jumped right in and started CPR," Thurgood said.

For several minutes Zelman worked furiously to restart Rzhanchinskaya's heart. He didn't even notice when he cut his lip on her teeth.

"I can't tell you how long it was, but we were all starting to worry that he wouldn't be able to bring her back," Thurgood said.

Finally, Rzhanchinskaya took a few shallow breaths on her own. One of the first things she told Zelman after regaining consciousness was the story of the fortuneteller's prophecy.

She was lucky Zelman was there—the first emergency medical team arrived more than an hour after she collapsed.

"We took care of her," Zelman said with a proud smile.

Zelman's good deeds didn't stop there, either. Despite her serious condition—possibly trig-



Left, Vladimir Zelman, co-chair of the Department of Anesthesiology, joins the woman whose life he saved, Tamara Rzhanchinskaya, and Joseph Van Der Meulen, vice president for health affairs.

gered by use of diet pills and a combination of medical maladies—and the fact she collapsed in the Ministry of Health, Moscow hospitals declined to take her because all their beds were full.

Zelman got on the phone with an old friend at the Burdenko Neurosurgery Institute who used his influence to make sure Rzhanchinskaya was admitted to Moscow's best hospital.

She made a full recovery. Rzhanchinskaya had planned to visit Zelman this week, but the Russian economic crisis forced her to cut short a trip to San Diego last week so she could return to Moscow and attend to her business.

Zelman returns to Russia next month for an anesthesiology conference.

Meanwhile, Thurgood is working to finalize

formal relationships with the city of Moscow, the Academy of Medical Sciences and several independent states.

He credits the successful visit to Zelman's local knowledge and connections—and also his spectacular life-saving CPR.

"We got off to a great start," Thurgood said. "What better way to demonstrate your wares?"

—Phil Davis

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Grants available for novel cancer research projects

The USC/Norris Cancer Center has available funds from the American Cancer Society Institutional Research Grant to provide up to \$15,000 for beginning cancer research projects.

The grants are intended as seed money to permit the exploration of new projects or novel ideas by junior faculty.

Support of investigators who have a competitive national research grant or who have received prior support from the Institutional Research Grant is prohibited.

Allocations are made by the Peter Jones, Cancer Center director, based upon the recommendations of the Norris Scientific Review Committee.

Projects in any area of cancer research — basic, clinical, epidemiological, behavioral — will be considered.

Deadline for application submissions is Oct. 16. Review of proposals takes up to six weeks.

For more information or to get an application, contact Phyllis Rideout at 865-0801.

For cancer care-givers, the job can be heart-wrenching, but also rewarding

Pamela Merriam loves her job — but she has lost count of the number of times she has been asked how she possibly could.

“Most of the people scrunch their eyes up when I tell them what I do, or they just say, ‘Oh, that’s nice,’ and then there’s this awkward silence,” she says.

Merriam, an advanced practice nurse for the USC/Norris Comprehensive Cancer Center’s Pain Management Service, says that because she deals primarily with cancer patients, “I have to explain myself on a regular basis to people who think it must be so depressing because often patients die.

“They ask, ‘Isn’t that hard? How do you do it?’ But the fact is, my job is very rewarding,” she says.

Merriam, is one of dozens of nurses, social workers, volunteers and others at the USC/Norris who find inspiration and personal gratification in working in a field that many outsiders consider too emotionally draining to even contemplate, let alone join.

But Merriam, whose job includes teaching patients about their illnesses and treatments, says her patients also give her valuable lessons as well.

“I learn and grow from working with them. They’re always teaching me about life. They have a commitment to fighting their disease and they don’t play games,” she says.

Merriam says her work keeps her grounded and focused on the quality moments in life, adding: “I’m not super-human. I have my bad days too, but when I see what my patients are going through, it provides me with an appreciation of what I have.”

One of the best parts of her job, Merriam says, is teaching patients about their treatment so they take an active role in battling their disease.



Pamela Merriam, left, and Jane Ruiterman find inspiration and personal gratification in working in with cancer patients.

“I love to teach adults who are interested in learning and want to make an informed decision that will affect their quality of life. Many times you can’t promise them quantity, but you can help them achieve quality,” she says.

She says that simply spending time with patients, showing that she cares about them, brings rewards beyond description — even when the patient is beyond medical help.

“Some patients are fairly alone, so your presence, or a soft touch, is often what is meaningful. I’ve had patients die in my arms and it is a gift when they say, ‘Thank you, you’ve made a difference. Thanks for holding my hand,’” Merriam says.

At the end of the day, Merriam says, knowing that “I touched their lives and they’ve touched mine is what nursing is all about. That is what makes nursing special.”

Clinical social worker Jane Ruiterman, agrees that the work can be emotionally challenging, but she adds, “It is worth it. There is a lot of

satisfaction in knowing I’ve helped somebody.”

Her job includes helping patients and their families deal with the psychological and emotional aspects of cancer and also guiding them through the minefield of medical and financial challenges the illness can bring.

“I help with many aspects of how cancer can affect a person’s life — from transportation, to how to pay bills, how to talk to your children about cancer or how to put your life in order if you’re going to die,” she says.

“I’d be lying if I said it was easy or fun. Sometimes you cry and you leave work and hope you don’t take the sadness home with you. But there are times when a family lets me help them deal with death and dying and there’s a connection there, something spiritual and hard to describe. You do leave work drained, but there is that point at which you know you’re helping the patient and family through,” Ruiterman says.

“Even though you may only know a

patient or a family for a short time, they become like a friend. As social workers, we keep professional boundaries, but we’re still human. I promised myself that if I ever became cold and callused, I’d walk away from the job. If I can’t shed a tear and show them that I care about them, I can’t do my job,” she says.

Jackie Feinstein began volunteering a year ago because her husband and daughter work at the USC/Norris and give it high marks for job satisfaction. Feinstein says she did not originally volunteer to work with cancer patients.

“I wanted to do something hands-on — not raising money or going to lunches. I started out sorting X-ray films, but that wasn’t for me. So I began working with the patients and it has been simply wonderful,” she says.

In retrospect, she says the death of her mother from cancer paved the way for her present work.

“I was with my mother when she died a few years ago. She was in her 90s and it happened very quickly. She died very gracefully. It seems now that was a kind of benediction from her to me,” providing a way to connect emotionally with others dealing with cancer, says Feinstein.

“The part of the job I love is interacting with patients and their families, and also the staff. The Norris is a great hospital with a great staff — and certainly the patients think so.”

Now, Feinstein spends a few hours each Tuesday and Thursday bringing food to patients and chatting with them and their families.

“They’re all so appreciative and it’s nice to feel appreciated — so I guess I love the job for selfish reasons,” she says with a laugh. “But I don’t find it depressing at all. It’s uplifting and I’ve made a lot of good friends.”

—Jon Nalick

Etcetera



Jim Helsper, center, was one of three USC cancer specialists to attend the International Union Against Cancer’s recent meeting in Rio de Janeiro.

Three USC physicians recently attended the International Union Against Cancer’s quadrennial meeting, held Aug. 23-28 in Rio de Janeiro.

Jim Helsper, professor of clinical surgery, **Robert Beart**, chief of colon and rectal surgery, and **Richard Cote**, associate professor of pathology, participated in the conference, giving lectures on a wide range of cancer topics.

Helsper, one of 20 official delegates from the U.S., spoke on unknown primary tumor cancers and also on minor salivary cancers. Beart described the management of recurrent colorectal cancer, and offered an optimistic assessment of evidence showing the power of new drugs and aggressive surgery to control the disease. Cote lectured on micrometastases and their value in predicting recurrent disease.

More than 3,000 people attended the conference, which is designed to bring together physicians, oncology nurses, social workers and others interested in cancer management.



Two USC physicians were among the “bloodless surgery” experts who spoke Sept. 11 and 12 at the third annual Transfusion-Free Medicine and Surgery International Conference at Good Samaritan Hospital.

Robert Selby, associate professor of surgery, and **Nicolas Jabbour**, assistant professor of surgery, discussed liver resection and transplantation procedures that do not require the use of blood.

More than 300 physicians from around the world attended the conference.

1998 Faculty Teaching Awards

Year I Faculty Awards

Roscoe Atkinson, assistant clinical professor of pathology
Robert Farley, professor of physiology and biophysics
Vijay Kalra, professor of biochemistry and molecular biology
Joel Schechter, professor of cell and neurobiology
Bernard Slavin, associate professor of cell and neurobiology

Year I Non-Faculty Award

Tamara Lammlein, graduate student in cell and neurobiology

Year II Faculty Awards

James Dixon, professor of pathology
Astrid Heger, associate clinical professor of pediatrics
Anthony Keyser, professor of pathology
Alexandra Levine, professor and chief of hematology
Pamela Sylvestre, assistant clinical professor of pathology

Year III Faculty Awards

Ron Ben-Ari, assistant clinical professor of medicine

Nicolas Jabbour, assistant professor of surgery
Ismael Nuno, assistant clinical professor of cardiothoracic surgery
Eila Skinner, associate clinical professor of urology
Sajjad Yacoob, assistant professor of pediatrics

Year IV Faculty Awards

David Berman, emeritus professor of cell and neurobiology
Demetrios Demetriades, professor of surgery
Jonathan LoPresti, associate professor of medicine

Outstanding Basic Science Courses

Year I
Microanatomy, Course Coordinator Joel Schechter, professor of cell and neurobiology

Year II

Pathology, course coordinator James Dixon, professor of pathology

Outstanding Required Clerkship

Pediatrics, Course Coordinator Donna Elliot, associate clinical professor of pediatrics

Outstanding Selective/Elective Clerkship

Endocrinology, Course Coordinator Jonathan

LoPresti, associate professor of medicine

Outstanding Teaching as a House Officer

Afshin Bahador, resident, obstetrics and gynecology
Peter Burrows, resident, urology
Peyman Sadaat, resident, obstetrics and gynecology
Ross Bremmer, resident, cardiothoracic surgery
Leo Garcia, resident, internal medicine
Jason Zommick, resident, urology

Outstanding Graduate Student Teaching

W. French Anderson, professor of biochemistry and molecular biology
Stanley Tahara, associate professor of molecular microbiology and immunology

Outstanding Teaching in ICM

Year I
Pamela Schaff, associate professor of family medicine
Year II
Paul Geller, clinical professor of medicine

Additional details in story, Page 1

An artist's fusion of science and art unveiled at IGM

In a melding of art and science, USC's Institute for Genetic Medicine will host an exhibition of artist Robert Farber's silkscreens from Sept. 22 through Dec. 12.

The exhibit, a satellite of "Robert Farber: A Retrospective" at the Fisher Gallery on University Park Campus, will begin with a reception on Sept. 22, from 4:30 to 6:30 p.m. on the second floor of the IGM.

This is the first showing of the screens

since the artist's death in 1995, from AIDS-related causes.

"Robert Farber knew he was dying of AIDS and his work reflected it," said Jennifer Jaskowiak, exhibit coordinator and curator.

The exhibit at the IGM will consist of about 30 silkscreens, which were used to create the Western Blot series on display at the Fisher Gallery.

These works take their name from one of the two tests used to detect the

HIV virus. Within each picture in the series, text and images together offer visual representations of the connection between AIDS and the Black Death of 1348.

Knowing he would die mid-career and following guidelines recommended by the Estate Project for Artists with AIDS, he established the Robert D. Farber Foundation to preserve and distribute after his death a select body of his work to hospitals, AIDS hos-

pices and prominent museum collections.

Laurence Kedes, director of the IGM and the William M. Keck Professor and chair of Biochemistry and Molecular Biology, and Selma Holo, director of the Fisher Gallery and professor of art history, collaborated to bring this work to the Health Sciences Campus.

They have also planned cross-disciplinary programming in conjunction with the exhibit. Kedes will present a

program on World AIDS Day, Dec. 1, called "A look at art and medicine through the exploration of the artist's silkscreens."

All USC faculty and staff are invited to attend the Sept. 22 reception and to view the exhibit Monday through Friday from 8:30 a.m. to 5 p.m. at the IGM through Dec. 12.

For more information on the exhibit or the Dec. 1 program, call 740-4561.

—Mary Ellen Stumpff

Calendar

Saturday, Sept. 19

3 p.m. Circle of Hope. "Spiritual Support for People Living with HIV/AIDS, Cancer or Dealing with Grief or Imprisonment," Sister Nancy Bartasavich, USC. St. Camillus Chapel, 1911 Zonal Ave. Info: 225-4461

Monday, Sept. 21

Noon. "The Overactive Bladder: Solutions to an Urgent Problem," John Klutke, USC. Univ. Hospital, Salerno Room A & B. Info: 442-2960

Tuesday, Sept. 22

8 a.m. Pathology Grand Rounds. "HIV Disease: Historical, Clinical, and Laboratory Aspects," Tom Sherwood, SmithKline Beecham Laboratories. GNH 1645. Info: 226-7151

8:30 a.m. - 5:00 p.m. "Robert Farber: A Retrospective," Satellite Exhibition. Reception from 4:30 - 6:30 p.m. Exhibition runs through Dec. 12. CSC. Info: 442-1144

9 a.m. New Staff Orientation, KAM 308. Info: 442-1010

Noon. "Genetics of Tumorigenesis & Tumor Response in Gastrointestinal Cancer," Peter Danenberg, USC. Norris Tower 7th Floor Conf. Ctr. Info: 865-0800

12:15 p.m. Department of Psychiatry. "Mental Health Law Review and Update," Timothy Botello, USC. Hoffman Hall, Hastings Aud. Info: (626) 457-4180

Wednesday, Sept. 23

7 a.m. Medical Grand Rounds. "Hypothyroidism," Jonathan Lopresti and Marilyn Li, USC. GNH 1645. Info: 226-7556

Noon. Cell and Neurobiology Seminar. "Early Events in Skin Appendage Formation," Cheng-Ming Chuong, USC. AHC Aud., Room 102. Info: 442-2116

Thursday, Sept. 24

Noon. "Prognostic Indicators in Colon

Cancer," Heinz-Josef Lenz, USC. AHC Aud., Room 102. Info: 442-3109

Noon. Health, Behavior and Aging Colloquium Series. "Consequences of Managed Care for Minority Elderly," Stephen Wallace, UCLA. Ethel Percy Andrus Gerontology Center Room 224. Info: 740-8242

Noon. Department of Pharmaceutical Sciences. "Anticancer Cueleoside Analogs: Mechanisms of Action and Clinical Implications," Peng Huang, Univ. of Texas. PSC 104. Info: 442-3400

Saturday, Sept. 26

3 p.m. Circle of Hope. "Spiritual Support for People Living with HIV/AIDS, Cancer or Dealing with Grief or Imprisonment," Sister Nancy Bartasavich, USC. St. Camillus Chapel, 1911 Zonal Ave. Info: 225-4461

Monday, Sept. 28

Noon. "Depression in the Elderly," Loren Lipson, USC. Univ. Hospital, Salerno Room A & B. Info: 442-2960

Noon. "BMP Signaling Pathways in Skeletal Development," Karen Lyons, UCLA. Norris Tower 7th Floor Conf. Ctr. Info: 442-1145

Tuesday, Sept. 29

9 a.m. New Staff Orientation, KAM 308. Info: 442-1010

Noon. "Maternal Use of Prenatal Vitamins and Risk of Childhood Brain Tumors: Results from an International Study," Susan Preston-Martin, USC. Norris Tower 7th Floor Conf. Ctr. Info: 865-0800

12:15 p.m. Department of Psychiatry. "The Genetics of Schizophrenia: An Update," Douglas Levinson, Allegheny Univ. Hoffman Hall, Hastings Aud. Info: (626) 457-4180

Wednesday, Sept. 30

7 a.m. Medical Grand Rounds. "Lacrative Colitis," Michael Kline and Bahaa Girgis, USC. 1645. Info: 226-7556

Noon. Cell and Neurobiology Seminar. "Agrin Expression in the Brain: Who Needs It?" Martin Smith, UCI. AHC Aud., Room 102. Info: 442-2116

Thursday, Oct. 1

8:30 a.m. - 5:00 p.m. "Robert Farber: A Retrospective," Satellite Exhibition on display until Dec. 12. CSC. Info: 442-1144

Noon. "Epidemiology of Hepatocellular Carcinoma," Mimi Yu, USC. AHC Aud., Room 102. Info: 442-3109

Friday, Oct. 2

Noon. "Presentation of Self Antigens to T Cells by Class II MHC Molecules," Susan Kovats, City of Hope. Norris Tower 7th Floor Conf. Ctr. Info: 442-2337

Saturday, Oct. 3

3 p.m. Circle of Hope. "Spiritual Support for People Living with HIV/AIDS, Cancer or Dealing with Grief or Imprisonment," Sister Nancy Bartasavich, USC. St. Camillus Chapel, 1911 Zonal Ave. Info: 225-4461

Tuesday, Oct. 6

9 a.m. New Staff Orientation, KAM 308. Info: 442-1010

Wednesday, Oct. 7

Noon. Cell and Neurobiology Seminar. "Molecular Mechanism of Visual Plasticity and the Study of Visual Diseases in Animals," Silvia Reid, UCLA. AHC Aud., Room 102. Info: 442-2116

Thursday, Oct. 8

Noon. Health, Behavior and Aging Colloquium Series. "Innovations on the Information Super Highway in Health, Behavior, and Aging," Carl Renold, USC. Ethel Percy Andrus Gerontology Center. Info:

740-8242

Saturday, Oct. 10

3 p.m. Circle of Hope. "Spiritual Support for People Living with HIV/AIDS, Cancer or Dealing with Grief or Imprisonment," Sister Nancy Bartasavich, USC. St. Camillus Chapel, 1911 Zonal Ave. Info: 225-4461

Tuesday, Oct. 13

9 a.m. New Staff Orientation, KAM 308. Info: 442-1010

Wednesday, Oct. 14

Noon. Cell and Neurobiology Seminar. "The Role of Oxidative Stress and Apoptosis in Neuronal Cell Death," Julie Andersen, USC. AHC Aud., Room 102. Info: 442-2116

Saturday, Oct. 17

3 p.m. Circle of Hope. "Spiritual Support for People Living with HIV/AIDS, Cancer or Dealing with Grief or Imprisonment," Sister Nancy Bartasavich, USC. St. Camillus Chapel, 1911 Zonal Ave. Info: 225-4461

Tuesday, Oct. 20

9 a.m. New Staff Orientation, KAM 308. Info: 442-1010

Notice: Deadline for calendar submission is 4 p.m. Tuesday to be considered for that week's issue. Please note that timely submission does not guarantee an item will be printed. Send calendar items to *HSC Weekly*, DEI 2510 or fax to 442-2832, or e-mail to hscwkly@hsc.usc.edu. *Entries must include day, date, time, title of talk, first and last name of speaker, affiliation of speaker, location and a phone number for information.*

USC Health Sciences
Public Relations
1450 San Pablo Street
DEI 2510
Los Angeles, CA 90033

Wednesday, Oct. 21

Noon. Cell and Neurobiology Seminar. "Replication and Assembly of Enveloped RNA Viruses," James Strauss, Cal Tech. AHC Aud., Room 102. 442-2116

Thursday, Oct. 22

Noon. Health, Behavior and Aging Colloquium Series. "Aging with a Disability," Bryan Kemp, USC. Ethel Percy Andrus Gerontology Center Room 224. Info: 740-8242

Saturday, Oct. 24

3 p.m. Circle of Hope. "Spiritual Support for People Living with HIV/AIDS, Cancer or Dealing with Grief or Imprisonment," Sister Nancy Bartasavich, USC. St. Camillus Chapel, 1911 Zonal Ave. Info: 225-4461

Tuesday, Oct. 27

9 a.m. New Staff Orientation, KAM 308. Info: 442-1010

Wednesday, Oct. 28

Noon. Cell and Neurobiology Seminar. "HIV cDNA Integration," Rick Bushman, Salk Inst. AHC Aud., Room 102. Info: 442-2116

Non-Profit Organization
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Upcoming event: USC Spectrum will present Khana, a musical group that mixes Caribbean and Brazilian rhythms, rock, jazz and funk. The band will play on Oct. 2 on the HSC quad starting at noon.