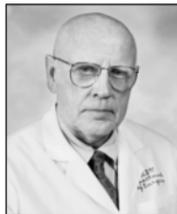




# ON THE INSIDE

LSU Health Sciences Center in Shreveport

## Chancellor John McDonald Receives Distinguished Award



On May 2<sup>nd</sup>, John C. McDonald, M.D., Chancellor and Dean of LSU Health Sciences Center in Shreveport will be honored as the 55<sup>th</sup> recipient of the Roswell Park Medal.

The Buffalo Surgical Society awards the Roswell Park Medal annually to a recipient who has contributed significantly to the Art and Science of Surgery.

Established in 1947, this prize honors Dr. Roswell Park, master surgeon, scientist, and pioneer in surgical research, along with a long list of previous medallists.

Among Roswell Park Medal recipients have been Drs. Allan Whipple, Michael DeBakey, Denton Cooley, Norman Shumway and Thomas Starzl.

Dr. McDonald received his Doctor of Medicine degree from Tulane University School of Medicine. He then completed his surgery residency at State University of New York at Buffalo.

Dr. McDonald has greatly impacted the medical fields of surgery, especially in the areas of transplantation. He performed the second kidney transplant in New York State. During his career, he performed between 1,000 and 2,000 kidney, liver, and pancreatic transplants.

Since named Chancellor in November 2000, Dr. McDonald has made tremendous strides in developing the LSU Health Sciences Center in Shreveport into the premiere university teaching hospital it is today. ■

## LSUHSC-S Converts to a Powder-Free Environment

In the face of the growing concerns over the health hazards posed by powdered medical gloves, LSU Hospital in Shreveport has been the first hospital in North Louisiana to convert to a powder-free environment, according to Jean Humphrey, BSN, RN, CNOR, Director of Perioperative Nursing in Operating Room.

There is strong evidence that starch glove powder can carry allergens into the air, contaminate procedures and cause post-operative complications. Cornstarch powder, the most commonly used powder, is now associated with a number of post-operative complications such as abdominal adhesions, surgical wound infections and allergic reactions.

Natural rubber latex (NRL) causes proteins that either affect the skin directly or adhere to the starch powder and are inhaled by patients and professionals. These NRL proteins, some of which are allergens, may cause health problems ranging from mild skin reactions to life-threatening anaphylactic shock.

The Operating Room was the first area within the hospital to convert to a powder-free environment. The OR management and staff wanted to take a pro-active approach toward this issue, according to Ms. Humphrey.

"This is a safety issue for staff and for our patients. There are studies with proven results that glove powder contribute to post-surgical adhesion," said Ms. Humphrey.

A growing number of hospitals nationwide are converting to a powder-free environment. LSU Hospital in Shreveport is at the forefront of that national trend. ■



Graduating LSU Medical students cheered for their classmates Thursday, March 21 at LSUHSC-S as they learned their futures at Match Day.

## Microbiology Faculty Bring NIH Awards of \$2.4 Million to Campus

Two new major grants from the National Institutes of Health are funding the research of faculty members of the Department of Microbiology and Immunology.

Kenneth Peterson, Ph.D., Associate Professor of Microbiology and Immunology, has received a 5-year grant for a total amount of \$1,293,750 from the NIH to study the cholera. Cholera is a severe diarrheal disease caused by the bacterium *Vibrio cholerae*.

*Vibrio cholerae* produces toxin that is responsible for the explosive watery diarrhea characteristic of Asiatic cholera. During full-blown cholera, a patient may lose 20 liters of fluid within a day or two, leading to severe dehydration, anuria, and fatal shock.

Dr. Peterson's research seeks to determine the sequence of events at the molecular level that are involved in the infection process.

Dr. Peterson has worked on cholera pathogenesis at LSUHSC for 12 years. He completed a postdoctoral fellowship in molecular genetics at Harvard University Medical School under the direction of Eli Lilly awardee Dr. John Mekalanos.

In addition, two faculty newly recruited to the Department of Microbiology and Immunology have brought NIH

research funding of \$1,076,703 with them to continue their work at LSUHSC-S.

William Klimstra, Ph.D., and Katherine Ryman, Ph.D., both Assistant Professors of Microbiology and Immunology, are transferring three years of a five-year NIH grant. Dr. Klimstra, principal investigator, and Dr. Ryman, co-principal investigator, came here from the University of North Carolina School of Medicine. Dr. Ryman will also hold an appointment in the Feist-Weiller Cancer Center.

Their research addresses the mechanism of disease mediated by a virus of the *Togaviridae* family and how reactions of the immune system to virus infection play a role in the disease process.

Drs. Klimstra and Ryman are interested primarily in the innate immune response to infections with viruses transmitted to humans by various mosquito species. One particular virus type is *Alphavirus*.

According to Dr. Ryman, the grant funds will be used to study the disease that are actually caused by these *Alphaviruses*, such as Yellow Fever and Encephalitis, with the idea that eventually they could look at therapeutics for early stages of the disease caused by those viruses. ■

## Arts in Medicine Program Provides the Art of Healing

The newly developed Arts in Medicine (AIM) program at the Feist-Weiller Cancer Center at LSU Health Sciences Center in Shreveport is dedicated to exploring the relationship between the art of creativity and the art of healing.

AIM is a volunteer program that uses visual, literary, musical, hands-on and performing arts to enhance the physical, mental, emotional and spiritual health of our patients. This program is designed to affirm the artist in every person and serves as a field for research of the art's effect on health.

According to Anne Higdon, Development Coordinator of Feist-Weiller Cancer Center, there are several parts to the AIM program. The first step included transforming the cancer patient rooms from a sterile, impersonal setting to one of color and inspiration.

For the past three years, art from the community has been a key component of the program at LSUHSC-S. Area artists have loaned their work on a rotating basis to display in the hospital rooms where cancer patients are treated.

In addition to the adult art, Feist-Weiller also uses works by winners of the Shreveport Regional Arts Council's ArtBreak. Gary Burton, M.D., Professor of Medicine, selects approximately 20 works by youth artists at ArtBreak to frame and display for one year in the hospital. Youth artists are honored at a reception each year during which the previous year's winners have their work returned.

The newly developed component of AIM expanded from hospital exhibitions to actually bringing artists to the bedside to work with patients.

Jane Crandell-Glass, chair of the community group that has help establish this program, along with Carol Boucher, the supervising artist, work with patients every Friday from 10 a.m. to noon.

"I think the patients really enjoy painting, even if they think they can not paint or even hold a paintbrush. All patients have a different style," said Ms. Crandell-Glass.

The purpose of the art is to bring joy and life to the hospitalized cancer patients.

The Feist-Weiller Cancer Center is moving to expand its art program to areas such as dance and music. "Eventually we would like to have AIM everyday," said Ms. Higdon. ■



Mr. Printis Ridley participates in bedside paint therapy with Mrs. Jane Crandell-Glass, Chair of AIM project.

Current and past issues of "On the Inside" can be viewed on the LSUHSC-S web site at <http://www.sh.lsuhscc.edu/our.html>.

## Civic Leader Harrison Heads Cancer Center Board

O. Delton Harrison Jr. is the new head of the Community Advisory Board for the Feist-Weiller Cancer Center of LSU Health Sciences Center in Shreveport.

A well-known civic leader who has chaired many civic boards, Mr. Harrison succeeds Joe Hargrove as head of the Feist-Weiller Cancer Center Community Advisory Board.

Armand L. Roos is vice president and Claude G. Rives IV will continue to serve as vice president for development. Becky DeKay has been named chair of the 2002 fundraising event.

New board members are Richard Seale, Mike Kantrow and Ascension Smith.

## Faculty Senate Schedule

The LSUHSC-S Faculty Senate will meet monthly at 4:30 p.m. in the Surgery Conference Room, 3-201. Meetings are April 15, May 20, June 17.

*On the Inside* is published monthly by the Office of Information Services for employees, students and friends of the LSU Health Sciences Center in Shreveport. Please contact Jessica Thompson, editor, at 318-675-5408 or [jthomp13@lsuhsc.edu](mailto:jthomp13@lsuhsc.edu) to submit information, comments or suggestions.

## Urology Residency Pilot Project Recognized Nationally

A Department of Urology pilot project for assessing the education LSUHSC-S Urology residents are receiving, as well as their competence as physicians, is being showcased nationally.

Last month, the Accreditation Council for Graduate Medical Education (ACGME) showcased on its web page the LSUHSC-S Urology Department's pilot project focused on resident education and assessment of clinical competencies.

The project, "Using Senior Level Residents as Role-playing, Standardized Patients (SP's)," is one of three pilot programs nationally to be highlighted in the premiere posting. They are part of the Recognized Success Via Implementation (RSVP) section of the ACGME's Clinical Competency Outcomes Project web page: (<http://www.acgme.org/outcome/implement/rsvp.asp>).

The goal of the requirements is to develop accreditation procedures that take into account not only whether residency programs provide residents with adequate opportunities to learn but also whether a program's residents actually develop into competent patient care providers and professionals.

The ACGME believes that this project will lead to better ways to measure the quality of graduate medical education.

"It is no longer adequate for residency programs merely to provide an educational and training environment. Programs must now develop new and innovative learning situations and assessment tools to verify that each trainee has actually acquired certain specific required skills and clinical competence goals," said Dennis Venable, M.D., Professor and Head of Urology at LSUHSC-S. "Our pilot project is an attempt to develop one such training tool to assist in this education and evaluation process."

A more detailed description of LSUHSC-S Urology Department's pilot project is also scheduled for publication in the next issue of the ACGME's "Bulletin," which is due out any day for distribution to all residency training program directors and Deans of medical schools.

The initiatives are in keeping with the increasing expectations of patients, their families, and those who pay for health care the Accreditation Council for Graduate Medical Education and the American Board of Medical Specialties (ABMS) are collaborating on new educational requirements regarding assessment of clinical competence of physicians. ■

## What's Up Doc?

LSU Health Sciences Foundation will host its popular "What's Up Doc" annual event, on April 22 from 6:30 to 9 p.m. at The Shreveport Club.

The signature fund-raiser brings together LSUHSC-S faculty and members of the community in an informal dinner setting. The event is designed to broaden the community's awareness of the outstanding programs offered at LSU Health Sciences Center in Shreveport.

Various doctors serve as table hosts, providing a variety of topics. Guests have the opportunity to discuss a pre-determine medical topic with their table hosts and gain insight into the newest research treatment for that topic.

Funds raised will help keep LSUHSC-S at the forefront of healthcare advances and maintain its excellence in education, patient care and research.

Information and tickets can be obtained from LSU Health Sciences Foundation's office by calling Sherry Sandidge at 675-5174.

Faculty table hosts for this year will be: Daniel Banks, M.D., Medicine; Joseph Bocchini, M.D., Pediatrics; Andrew Chesson, M.D., Neurology; Randall Cork, M.D., Anesthesiology; Marshall Cunningham, M.D., Surgery; Arthur Fort, M.D., Family Medicine and Comprehensive Care; Arthur Freeman, M.D., Psychiatry; G.E. Ghali, D.D.S., M.D., Oral and Maxillofacial Surgery; Jonathan Glass, M.D., Medicine; Roger Kelley, M.D., Neurology; Ernest Kiel, M.D., Pediatrics and Cardiology; Steve Levine, M.D., Medicine; Ben Li, M.D., Surgery; Lynn Lloyd, M.D., Pediatrics; James Lu, M.D., Medicine; Anil Nanda, M.D., Neurosurgery; Keith Payne, M.D., Medicine; Thomas Redens, M.D., Ophthalmology; James Sikes, M.D., Oral and Maxillofacial Surgery; Kevin Sittig, M.D., Surgery; Todd Thoma, M.D., Clinical Family Medicine and Emergency Medicine; Richard Turnage, M.D., Surgery; John McDonald, M.D. Chancellor and Dean. ■

## New Faculty, February 2002

Justin Beard, P.A., Physician Assistant in Radiology  
Jerry McLarty, M.D., Professor of Medicine  
Reinhold Munker, M.D., Associate Professor of Medicine

## Department of Pathology Faculty Make National Presentations

Papers prepared by faculty and residents and staff of the Department of Pathology at LSU Health Sciences Center in Shreveport were presented at the recent spring meeting of the world's largest pathology organization, the United States Academy of Pathology.

The papers are also included as abstracts in *Modern Pathology*, volume 15, No 1, January 2002.

The papers presented and their LSUHSC-S authors were:

"P53 protein over expression correlates with increased ki-67 proliferative activity in urothelial dysplasia of bladder," Wei Sun, M.D., PGY 3; Ping Zhang, M.D., Assistant Professor; and Guillermo Herrera, M.D., Professor and Head.

"Comparison of E-cadherin expression in high grade urothelial dysplasia/carcinoma in situ, superficial papillary and invasive transitional cell carcinoma," Drs. Sun and Herrera.

"Characterization of the lymphoid stroma in Warthin's tumor of salivary gland by immunohistochemistry, heavy chain gene and bcl-2 gene rearrangement," Dr. Sun; Mary Lowery-Nordberg, Ph.D., Assistant Professor; Alisa Farner, MT (ASCP); Sherry Martin, MT (ASCP) MHS; James Cotelingam, D.M.D., Professor.

"Expression of p16 tumor suppressor gene in epithelial ovarian cancer," Ailing Li, M.D., PGY 2; Fleurette Abreo, M.D., Associate Professor; Elba Turbat-Herrera, M.D., Associate Professor; Rakesh Singal, M.D., Assistant Professor of Medicine; Benjamin Li, M.D., Associate

Professor of Surgery; Herb Yu, M.D., Assistant Professor of Medicine.

"Expression of p53 protein in cardiac allograft rejection," Bernadette McLaren, M.D., PGY 3; Dr. Zhang; and Marjorie Fowler, M.D., Professor.

"Clinical correlation of C677T mutations in MTHFR with plasma homocysteine concentration," Shahnila Latif, M.D., PGY 1; Diana Veillon, M.D., Associate Professor; Dr. Cotelingam; Dr. Lowery-Nordberg.

"Renal pathologic spectrum in an autopsy series of patients with plasma cell dyscrasia," L Joseph, Xin Gu, M.D., PGY 4; Dr. Herrera.

"Light chain crystal deposition as the initial manifestation of plasma cell dyscrasia. The role of immunoelectron microscopy," Dr. Herrera.

"Fluorescence in situ hybridization (FISH) as an adjunct technique to cytology in evaluating urine samples," Ravindra Veeramachaneni, M.D., PGY 4; Dr. Lowery-Nordberg; Dr. Herrera; Dr. Turbat-Herrera.

"Unusual cervical carcinomas of Mexican women: HPV types by PCR and line blot analysis," Dr. Tuurbat-Herrera; Dr. Herrera; Janice Mathews-Greer, M.D., Assistant Professor of Research, Pediatrics.

"Fluorescence in situ hybridization (FISH) and Immunocyt - an adjunct to urine cytology to improve the detection and diagnosis of urothelial neoplasms," Eileen Velez, M.D. PGY 6; Dr. Lowery-Nordberg; Charles Tudor, CT (ASCP); Dr. Herrera; Dr. Turbat-Herrera. ■



State Representative Jane Smith (left), a volunteer at LSUHSC-S Read Across America celebration, reads to Anastacia Jones (center) and Camryn Faucheaux (right) during their well-child visit at the Women's and Children clinic. The LSUHSC-S Reach out and Read Early Literacy program participated in the Read Across America campaign last month.

## Pediatric Resident Raises Funds for VCRs



Young patients in the Children's Hospital within a Hospital of LSUHSC-S now will have a VCR in their rooms, thanks to the efforts of pediatric residents at LSUHSC-S.

Marlene Broussard, M.D., a third-year resident who coordinated fundraising efforts, almost single-handedly raised more than \$1,800 by selling Children Hospital logo T-shirts. More than 400 T-shirts were

sold to faculty and staff at LSUHSC-S.

"I am thankful for everyone who pitched in to raise money for the Pediatric Department by buying a T-shirt," said Dr. Broussard. The funds raised contributed to the purchasing of VCRs for every patient room on the hospital's pediatric floor.

According to Tamela Blocker, Pediatric Child Life Specialist, VCR films will help assure the quality of television entertainment available to the hospitalized children.

"We decided that this would be a positive thing for the kids, especially the younger children who are interested in cartoons or education programs such as Sesame Street," said Ms. Blocker.

While the VCRs will be used primarily for distraction and diversion entertainment purposes, they also provide educational viewing for children and their families in regards to their diagnosis.

In addition to the VCRs, employees, friends and the LSU Health Sciences Foundation in Shreveport as well as the Biomedical Research Foundation of Northwest Louisiana donated money to purchase brackets needed to mount the new VCRs. ■

## Renovation of Home Helps Burn Victims' Families

A \$25,000 grant has been obtained by the non-profit Percy R. Johnson Burn Foundation to help renovate a house, located on the 1400 block of Claiborne, for families of patients in the Regional Burn Center of LSU Hospital in Shreveport.

The out-of-town families of burn patients who can't afford hotels for extended stays will soon have a place to stay within walking distance from LSUHSC-S, thanks to the grant from the Community Foundation of Shreveport-Bossier.

The funds will be used to renovate the two-bedroom house into four bedrooms. When completed, house will accommodate three families and a facility overseer. Plans call for completion this fall.

The home will probably will be named for Charles "Boo" Chalier and for the Red River Street Rod Association, both responsible for the fundraisers to purchase the house.

Burn Center Medical Director Kevin Sittig, M.D., Associate Professor of Surgery at LSUHSC-S, believes that the renovation will be beneficial to his patients' families. According to Dr. Sittig, the burn center admits 200 to 260 burn victims a year. A patient with burns over 60 percent of the body could expect to be hospitalized for six weeks, an example of the need for families to remain near the hospital for prolonged periods.

## Free Head and Neck Cancer Screening

LSUHSC-Shreveport

Friday, April 19<sup>th</sup>

9 a.m. - 3 p.m.

To make an appointment call 675-6262