Benefactor News

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Message to the Alumni
Steve Lott, Ph.D.
President 2004-2005
GSBS Alumni Association

The Schissler Foundation Board of Directors: left to right family members Richard (Rick) Schissler III, Laura Jenkins, Nan Schissler, Richard (Dick) Schissler, Jr., Lynn Red, and accountant, Steve Cordill.

“I enjoy the people,” notes Dick Schissler, patriarch of the Schissler family as well as the family foundation, and the person his family calls “The Catalyst.” Mr. Schissler, his wife Nan, son Rick, and daughters Lynn and Laura, have always chosen to do things personally with a special warmth and awareness as to what is important in life. “We want to help others grow,” were his words, and to that end, The Schissler Foundation has provided remarkable support to The University of Texas Graduate School of Biomedical Sciences at Houston.

It was important to the family to make a meaningful contribution to the community, and because of their good fortune in life, they chose to start funding full stipend fellowships annually in the Graduate School. These fellowships are for exceptional students whose research studies are in the human genetics of common diseases. Recently, however, the Schissler Foundation committed a second $100,000 pledge to support those graduate students at UT M. D. Anderson Cancer Center. This pledge runs concurrently with a previous $100,000 gift that continues to provide two yearly fellowships to GSBS students whose research studies are in the genetics of common human disease. Over the last ten years of support, The Schissler Foundation has contributed to students whose focus has included heart disease, arthritis, diabetes, asthma, and vision. Now, additional support will be provided specifically for the battle against cancer.

GSBS Dean George Stancel, particularly aware of the cutting-edge research this generous gift enables through a student in a professor’s lab, and how it hastens the solutions of the future, speaks of this visionary partnership with much praise: “The Schissler Foundation is a mainstay of extraordinary student support. Much in the way that the Schissler Fellowships currently do for many chronic diseases, this new opportunity will further the cause at a very grassroots level, and enable a depth and continuity in the area of research for cancer cures.”

Cover photo: George and Cynthia Mitchell Basic Sciences Research Building, new home for The University of Texas Graduate School of Biomedical Sciences in the June and Virgil Waggoner Academic Hall.

Inadvertently omitted: Dr. Joy Marshall’s name, degree and dissertation title from the Previous list of 2004 graduates receiving their degrees.

Joy Marshall, Ph.D. (Samuel Kaplan, Ph.D.)
Regulation and Transcript Analysis of the cer Operon Responsible for Quorum Sensing in Rhodobacter sphaeroides 2.4.1
Dean’s Notes

On the occasion of moving into our new home in the George and Cynthia Mitchell Basic Sciences Research Building I extended open-ended invitations to Presidents Mendelsohn and Willerson to contribute their thoughts about the future of the graduate school to this issue of GSBS News. Their full comments are on following pages, but I was struck by the similarity of the messages that they sent independently. Both focused on “collaboration,” especially between our parent organizations, emphasizing the interdisciplinary and intra-institutional nature of GSBS. Clearly, both Presidents highly value our collaborative interactions and encourage us to expand them in the future.

This in turn prompted me to think about what is necessary for an institution like GSBS to be successful in interdisciplinary and intra-institutional efforts. Management and organizational experts could write volumes on this topic, but I believe three things are absolutely essential. First, we must have very strong programs in the core biomedical disciplines. Interdisciplinary programs are certainly built upon the premise (to which I ascribe) that the whole is greater than the sum of parts, but a strong foundation of individual programs is an essential starting point. Second, we must retain and recruit faculty who are outstanding in their individual areas and want to work in interdisciplinary teams; we must learn how to do a better job of supporting and rewarding collaborative efforts if we want to excel at them. Third, within the context of our overall institutional missions, specific collaborations must be largely faculty driven to be successful. One can foster, but not force, productive collaborations between creative scientists.

GSBS has a long history of interdisciplinary research training, but what should we do in the future to continue and enhance productive collaborations? Certainly we should continue to require that students demonstrate depth and breadth of knowledge in the biomedical sciences, but we must increase our efforts to evaluate how effectively we achieve these twin goals and use outcomes assessment to guide our planning efforts. These planning efforts must include provision of financial resources to support excellence in our educational mission. We should also do all we can to make it easy for people to initiate and maintain collaborative research training activities. GSBS has developed extensive databases on applicants, programs, and graduates so that this information can be provided in a user-friendly fashion to support faculty members who prepare training grants or individual fellowship applications. Most importantly, we must provide a forum that continually encourages open, serious discussion by the faculty about how to improve our already strong programs. We will initiate an extensive planning effort within the coming academic year to insure that GSBS remains a leader in interdisciplinary educational programs that effectively train the scientific workforce of the future. Achieving this aim will require collaboration above all else.
The University of Texas Health Science Center at Houston
Office of the President

Collaboration is the Key

Collaboration is the key to the future of the Texas Medical Center. Competition may have powered its early growth, but collaboration will be the vehicle that carries the world’s largest medical center to the new frontiers of health and wellness. All of us who live and work in this remarkable place must be committed to the principles of collaboration in education, research and clinical care. Excellence above all must become our watchword.

The Graduate School of Biomedical Sciences is one of the crown jewels of collaboration in the Texas Medical Center. Mandated by the state legislature, and jointly operated by The University of Texas Health Science Center at Houston and The University of Texas M. D. Anderson Cancer Center, the GSBS is uniquely interdisciplinary and intra-institutional in its nature and function. Faculty members are drawn primarily from UT Health Science Center, M. D. Anderson and the Texas A&M Institute of Biosciences and Technology. Moreover, GSBS maintains community partnerships throughout the Houston area. These partners include

- Baylor College of Medicine
- Rice University
- University of Houston
- NASA-Johnson Space Center
- Prairie View A&M University
- Texas Women’s University
- Texas Southern University
- The University of Texas Medical Branch at Galveston
- Houston Independent School District
- Fort Bend Independent School District
- Spring Branch Independent School District

I firmly believe that the best days in scientific inquiry are before us. This is truly a new age of discovery. The University of Texas Health Science Center at Houston, utilizing the distinctive capabilities of its six schools and the Institute of Molecular Medicine, seeks to become an acknowledged leader in the quest to conquer the human diseases of our time. If we are successful, however, it will be due to our commitment to collaboration—bringing the rich talents of all our researchers in medicine, nursing, dentistry, health information systems, public health and biomedical sciences—to bear on the problem.

I commend the GSBS for leading the way in modeling collaboration. It is one of our finest examples and a benchmark for all of us who are working to make collaboration the trademark of the Texas Medical Center. It is an honor to work within the collaborative environment that GSBS demonstrates.

James Willerson, M.D.
The University of Texas M. D. Anderson Cancer Center
Office of the President

Collaboration

Last year M. D. Anderson issued our Strategic Vision: 2005 – 2010, which outlines seven ambitious goals we have set for the future. These goals reflect our top priorities. Four concern our mission areas: patient care, research, education and prevention. Two others address stewardship of resources and our commitment to creating a supportive environment for all who work here. The seventh focuses on “collaboration.”

Why is collaboration such an important part of our Strategic Vision? Because as strong and successful as M. D. Anderson has become, we can only achieve our mission of eliminating cancer by collaborating with others. Advances in the early diagnosis, treatment and prevention of disease require application of sophisticated new technologies and discoveries in all fields of science. We can best leverage the expertise of our faculty by drawing on the skills and knowledge of other outstanding investigators whose ideas complement and challenge our own.

While we collaborate with major universities and research institutes worldwide, our focus has been on working with institutions in the greater Houston area. One excellent mechanism for this is the Gulf Coast Consortia, consisting of Rice University, Baylor College of Medicine, University of Houston, UT Medical Branch-Galveston, UT Health Science Center-Houston and UT M. D. Anderson. This alliance has been fruitful in creating research programs in structural biology, biostatistics and informatics, and nanotechnology, all of which have direct relevance to cancer.

Among all collaborations, however, our strongest is with the UT Health Science Center. Dr. James Willerson and I have “linked arms” in agreement to expand the outstanding programs of the two UT components in the Texas Medical Center. Perhaps the most important of these collaborations is our joint Graduate School of Biomedical Sciences, which provides training for our 500 students preparing for careers in biomedical research.

For many years the GSBS was housed in space south of Holcombe Boulevard. When plans were being developed for the new George and Cynthia Mitchell Basic Sciences Research Building, there was general agreement that the best location for this important educational program would be in this fine new facility. Its state-of-the-art research laboratories and vivarium complement the two floors of classrooms and administrative offices set aside for the GSBS.

Dean George Stancel, who reports to both Dr. Willerson and me, has been instrumental in strengthening the quality of our teaching program and our students. Today, biotechnology, nanotechnology, bioengineering, genomics, proteomics, informatics and other new disciplines are adding to the richness of the research opportunities in classical areas such as molecular genetics, experimental therapeutics, biology, immunology and chemistry. There have never been more exciting opportunities for graduate students to pursue careers in academia or in the growing biotechnology and pharmaceutical research industry.

The new GSBS facility says something else that is very important. It is, I think, a strong symbol for current and prospective students that the University of Texas is serious about providing the highest-caliber graduate education. It tells the present faculty, and those we will recruit to join them, that this university is prepared to invest significant resources in the infrastructure they need for teaching and research. And it reflects the fact that we are well prepared to actively participate in the most productive and exciting period in the history of biomedical research.

John Mendelsohn, M.D.
Six years and many, many meetings and footsteps later, classrooms and administrative offices of The University of Texas Graduate School of Biomedical Sciences at Houston finally reside in the June and Virgil Waggoner Academic Hall, on the third floor of the George and Cynthia Mitchell Basic Sciences Research Building (Mitchell BSRB), and just down the way from the state-of-the-art, 223-seat, Onstead Auditorium. GSBS occupies approximately 15,500 square feet of the 505,000 square foot Mitchell building, and the Graduate School is most appreciative of this ‘ready for the future’ basic sciences research facility.
The Mitchell BSRB will have six floors of dedicated research space, and office space on twelve floors. A vivarium will occupy the basement and first floor. Programs scheduled to be housed in the establishment are epidemiology; molecular genetics; biochemistry and molecular biology; and neuro-oncology, neuropathology and neurosurgery which comprise the Brain Program. Many of the photos displayed are from the February 18, 2005, Open House hosted by the GSBS for friends, faculty, students and staff. An invitation is extended to all of you to visit.
Entering Students

April Abbott  
Indiana University

Richard Aguilar  
University of Texas-El Paso

Angela Alexander  
University of Delaware

Guillermo Armaiz Pena  
University of Puerto Rico

Kristal Atkins  
Xavier University

Faiza Baameur  
University of Oran

Brandi Baird  
Stephen F Austin State University

Christopher Bekie  
Long Island University

Michael Bligh  
Southern Methodist University

Margarita Bonilla-Claudio  
University of Puerto Rico

Tylithia Burks  
Xavier University

Kendra Carmon  
Clarkson University

Richard Castillo  
Trinity University

Zhe Chang  
Nanjing Medical University

Chantale Charo  
American University of Beirut

Yi Chun Chen  
National Cheng Kung University

Pai-Chun Chi  
McMaster University

Megan Clair  
Knox College

Leigh Curtis  
University of Houston-Clear Lake

Nina Das  
University of Calcutta

Rebecca Davis  
Rice University

Binbin Deng  
Chinese Academy of Science

Ivey Denham  
Texas A&M University-College Station

Wonli Dong  
University of Houston

Audrey Ester  
Texas A&M University-College Station

Karina Falbo  
University of Buenos Aires

Danielle Fontenot  
Louisiana State University-Baton Rouge

Kristina Fox  
Central Michigan University

Xyanthine Gilmore  
Prairie View A&M University

Toni Greene  
University of Houston-Downtown

Daneen Grossman  
Cedar Crest College

Dongmin Gu  
Nanjing Medical University

Diego Gutnisky  
University of Buenos Aires

Yasmine Haddad  
University of Texas Dental School

Brian Hammann  
University of Missouri

Jade Hatley  
University of Texas-Austin

Ryan Hecox  
Southwestern University

Louisiana State University-Baton Rouge

Jay Herman  
University of Alabama

Joseph Hernandez  
University of New Mexico

Marianna Horz  
Texas A&M University-College Station

Jung-Mao Hsu  
National Cheng Kung University

Yen-Ming Hsu  
University of California-Berkeley

Albert Huang  
Miao Huang

Ly Huynh  
Suzhou Medical College

Lori Jackson  
University of St. Thomas

Abilene Christian University

Kathleen Jensen  
Sam Houston State University

Joo Ha Jeong  
Marshall University

Cameron Jeter  
Kansas State University

Humam Kadara  
American University of Beirut

Georgios Kalantzis  
University of Athens

Brian Kalmbach  
Western Washington University

Aparna Kamat  
Seth G. S. Medical College

Jennifer Kerr  
Wesleyan College

Shannon Kidd  
University of Texas-Austin

William Kothmann  
Southwestern University

Famouros Kourouma  
EMA University

Hsu-Ping Kuo  
National Taiwan University

Svitlana Kurinna  
Taras Shevchenko Kyiv University

Gabriel Lazarin  
Stanford University

Pei-Chun Lin  
National Taiwan University

Dorothy Long  
University of Texas-Austin

Jun Lu  
Nanjing University

Kimberly Mankiewicz  
Marquette University

James Meadows  
University of Texas at Arlington

Stacey Miller  
Rockhurst University

Xi Mo  
University of Science/Technology-China

Venkata Mogatalakala  
University of Kentucky-Lexington

Jennifer Molina  
Columbia University

Angela Nanos  
Texas A&M University-College Station

Angela Nanos  
Texas A&M University-College Station

Stephanie Napier  
University of South Carolina

Joshua Neumuebel  
Texas A&M University-College Station

Lich Thi Nguyen  
Queensland University of Technology

Thang Van Nguyen  
Institute of International Education

Haiying Pang  
Peking University

Eunmi Park  
The University of Texas-Austin

Serk In Park  
The University of the Virgin Islands

Adam Pettway  
University of Arkansas

Kathryn Pflughoft  
University of South Carolina

Adam Pettway  
University of Arkansas

Kathryn Pflughoft  
University of South Carolina

Cornel Phillips  
The University of the Virgin Islands

Ashley Pierre  
Dillard University

Lillian Pinzon  
University of Antioquia

Maria Ramírez  
University of Puerto Rico

Cana Ross  
Texas A&M University-Commerce

Leticia Sansores  
University of Veracruz

Gopal Sapparapu  
University of Florida

Alicia Sherrell  
Delaware State University
This Friday Afternoon Club coincided with the end of Orientation Week for our new incoming students. Everyone relaxed and visited on the pool deck of the Crowne Plaza Hotel in the Texas Medical Center.
Assistant Professor
Kent W. Christopherson II
leukemias, hematopoiesis and molecular genetics of malignancies; gene expression; cell cycle; Nfkappa B activity in hematologic research.

Assistant Professor
Carlos E. Bueso-Ramos
radiation biology; radiation oncology.

Assistant Professor
Constance T. Albarracin
Ph.D., Indiana University School of Medicine, 2001
Research interests: stem cell biology; mobilization of hematopoietic stem and progenitor cells; hematopoietic stem cell homing and engraftment during transplantation; umbilical cord blood stem cell; mobilized stem cell; bone marrow stem cell biology; transplant immunology; chemokine biology.

Associate Professor
Valentin Dragoi
M. D. Anderson Cancer Center
Ph.D., Duke University, 1997
Research interests: corticosteroid system; cytokines and transduction in the immune system and mammalian physiology; cytokines and inflammation; tumor immunology.

Assistant Professor
Scott M. Drouin
Institute of Molecular Medicine
Ph.D., University of Alabama at Birmingham, 1997
Research interests: regulation of airway epithelial cells by mediators of the innate immune system; lung; asthma; COPD; complement system; immunology; cell biology; molecular biology.

Assistant Professor
Pauline Jackie Duke
Professor
Orthodontics
UT-Houston Dental Branch
Ph.D., Emory University, 1977
Research interests: tissue engineering; gravitational effects on development; craniofacial development; skeletal growth, space biology.

Assistant Professor
Francisco J. Esteve
Associate Professor
Breast Medical Oncology
Ph.D., University of Zaragoza (Spain), 1988, 2001
Research interests: breast cancer; targeted therapy; tumor markers; signal transduction; drug resistance; apoptosis.

Assistant Professor
Dr. Stephanie S. Watowich

Dr. Timothy J. McDonnell

Dr. Richard R. Behringer

Dr. Laurence D. Etkin

Dr. Dale Hereld

Dr. Theresa M. Kochler

Dr. Randy J. Legerski

Dr. Hope Northrup

Dr. Ann-Bin Shyu

Dr. Miles F. Wilkinson

Members Reappointed

with Commendation

Dr. Randy J. Legerski

Dr. Hope Northrup

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Members Reappointed

Chen Dong
Associate Professor
M. D. Anderson Cancer Center
Ph.D., University of Alabama at Birmingham, 1996
Research interests: immune tolerance and autoimmune mechanisms; signal transduction in the immune system and mammalian physiology; cytokines and inflammation; tumor immunology.

Assistant Professor
M. D. Anderson Cancer Center
Ph.D., Southern Methodist University, 1999
Research interests: genetic linkage; statistical genetics; meta analysis; cancer epidemiology; genetic epidemiology; multiple imputation; risk assessment models; tree models; recursive partitioning; Bayesian analyses.

Assistant Professor
Elsa Flores
M. D. Anderson Cancer Center
Ph.D., University of Wisconsin-Madison, 1999
Research interests: tumor suppressor genes, DNA damage, apoptosis, gene expression, transcriptional regulation, mouse genetics.

Assistant Professor
Guillermo Garcia-Manero
M. D. Anderson Cancer Center
Ph.D., University of Zaragoza, 1991

Professor and Chairman
Juri G. Gelovani
M. D. Anderson Cancer Center
Ph.D., Tartu University (Estonia), 1986, 1989
Research interests: molecular-genetic imaging; cellular imaging; innovative diagnostics; imaging technologies that allow for early detection of cancer; monitoring anticancer genetic and cellular therapies; translational research.

Assistant Professor
Michael Z. Gilcrease
M. D. Anderson Cancer Center
Ph.D., Vanderbilt Medical School/ Vanderbilt Graduate School, 1991, 1989
Research interests: breast cancer; cell adhesion molecules; integrins; signal transduction; molecular markers

W. Keith Hoots
Professor
UT-Houston Pediatrics
M.D., University of North Carolina, 1975
Research interests: mechanisms of disseminated intravascular coagulation; (DIC); immune response and inhibitor development in Hemophilia A; thrombin generation and thromboelastography in women with von Willebrand’s disease

Patrick Hwu
Professor and Chairman
Melanoma Medical Oncology
M. D. Anderson Cancer Center
M.D., Medical College of Pennsylvania, 1987
Research interests: immunology; tumor immunotherapy; cancer vaccines; adoptive immunotherapy; dendritic cells

Gary L. Johanning
Associate Professor
Veterinary Sciences
M. D. Anderson Cancer Center
Ph.D., University of Missouri (Columbia), 1978
Research interests: vitamins and resistance to cancer chemotherapy; cancer chemoprevention; nutrition and cancer; nutrition and gene expression; viral etiology of cancer; human endogenous retrovirus; human papillomavirus

Alexander J. F. Lazar
Assistant Professor
Pathology
M. D. Anderson Cancer Center
M.D., Ph.D., UT Southwestern Medical Center, 2000
Research interests: cutaneous neoplasia and stem cells; skin adnexal tumors; cutaneous lymphoma and melanoma; sarcoma tumor biology

Cheng Chi Lee
Associate Professor
Biochemistry and Molecular Biology
UT-Houston Medical School
Ph.D., University of Otago (New Zealand), 1986
Research interests: genetics of mammalian circadian rhythm; circadian regulation of cell cycle and cancer; therapeutic molecules for circadian rhythm; gene targeting in mice

Ho-Young Lee
Assistant Professor
Thoracic Head and Neck Medical Oncology
M. D. Anderson Cancer Center
Ph.D., Ewha Womans University (Korea), 1992
Research interests: signaling mechanism; chemoprevention and chemo- or gene therapy in aerodigestive cancer; transgenic mice; pharmacogenetics

Shiaw-Yih Lin
Assistant Professor
Molecular Therapeutics
M. D. Anderson Cancer Center
Ph.D., UT Graduate School of Biomedical Sciences at Houston, 1999
Research interests: cellular immortalization; genomic instability; cancer metastasis; mammalian genetic screens

Xin Lin
Associate Professor
Molecular and Cellular Oncology
M. D. Anderson Cancer Center
Ph.D., UT Graduate School of Biomedical Sciences at Houston, 1995
Research interests: signal transduction; activation of NF-kB family of transcription factors; protein phosphorylation; lymphocyte activation, development, and differentiation; cell proliferation and tumorigenesis

Joseph B. McCormick
Professor
Epidemiology
UT-Houston School of Public Health
M.D., Duke University, 1971
Research interests: tuberculosis; early immunologic and microbiologic events in infection; molecular epidemiology (MDR TB); HIV glycoprotein chemistry and immunology; genetic susceptibility to infectious diseases

Laura Mitchell
Associate Professor
Center for Environmental and Genetic Medicine
Texas A&M University - Institute of Biosciences and Technology
Ph.D., Yale University, 1991
Research interests: genetic determination of congenital malformations; maternal genetic effects; gene-environment interactions; statistical genetics

Alanna C. Morrison
Assistant Professor
Human Genetics Center
UT-Houston School of Public Health
Ph.D., UT-Houston Graduate School of Biomedical Sciences, 2001
Research interests: human genetics; genetic epidemiology; cardiovascular disease; statistical methodology

Yasuhiro Nishiyama
Associate Professor
Pathology & Laboratory Medicine
UT-Houston Medical School
Ph.D., Kobe Gakuin University, 1995
Research interests: artificial immunogens to promote peptidolytic antibody production; selective inhibitors of pathogenic antibodies; peptide and protein chemistry

Tinsu Pan
Associate Professor
Imaging Physics
M. D. Anderson Cancer Center
Ph.D., University of Michigan, 1991
Research interests: 4D PET/CT imaging; image guided radiation therapy; cardiac CT and cardiac PET; perfusion imaging

Prahlad T. Ram
Assistant Professor
Molecular Therapeutics
M. D. Anderson Cancer Center
Ph.D., Tulane University, 1997
Research interests: signal transduction; signaling networks; computational modeling; targeted molecular therapeutics; proteomics; cancer biology

Andrei S. Rodin
Assistant Professor
Human Genetics Center
UT-Houston School of Public Health
Ph.D., UT Graduate School of Biomedical Sciences at Houston, 1999
Research interests: genetic epidemiology; computational biology; data mining; machine learning; artificial intelligence; molecular evolution

Kimberly S. Schluns
Assistant Professor
Immunology
M. D. Anderson Cancer Center
Ph.D., Loyola University (Chicago), 1997
Research interests: regulation of T cell homeostasis; CD8 T cell responses to infections; generation and maintenance of memory CD8 T cells; development of intestinal lymphocyte populations
Ph.D., UT Graduate School of
M. D. Anderson Cancer Center
Radiation Physics
Assistant Professor
Peter Balter

Research interests: systems biology; computational biology; genomics; signal and image processing; machine learning

R. Jason Stafford
Assistant Professor
Imaging Physics
M. D. Anderson Cancer Center
Ph.D., UT-Houston Graduate School of Biomedical Sciences, 2001
Research interests: image guided therapy; thermal therapy; hyperthermia; magnetic resonance imaging; interventional imaging; ultrasound quality assurance and contrast

Steven W. Wang
Assistant Professor
Ophthalmology and Visual Science
UT-Houston Medical School
Ph.D., University of California (Davis), 1995
Research interests: retina; stem cells; retinal ganglion cells; neural differentiation; eye development genetics; cell biology; mouse

Charles E. Willis
Associate Professor
Imaging Physics
M. D. Anderson Cancer Center
Ph.D., University of Houston, 1984
Research interests: computed radiography; digital radiography; direct digital radiography; storage phosphor radiography; stimulable phosphor radiography

Martin E. Young
Assistant Professor
UT-Houston Institute of Molecular Medicine
Research interests: cardiovascular disease; diabetes; insulin resistance; cardiac and skeletal muscle metabolism; cardiac and skeletal muscle gene expression; circadian clocks

Ilya Shmulevich
Assistant Professor
Pathology
M. D. Anderson Cancer Center
Ph.D., Purdue University, 1997
Research interests: respiratory correlated imaging (4DCT); 4D treatment planning for radiation therapy; image guided radiation therapy

Biomedical Sciences, 2003
Research interests: Respiratory correlated imaging (4DCT); 4D treatment planning for radiation therapy; image guided radiation therapy

D. Michael Hallman
Assistant Professor
Human Genetics Center
UT-Houston School of Public Health
Ph.D., UT-Houston Graduate School of Biomedical Sciences, 1994
Research interests: genetic epidemiology; genetics of chronic diseases; cardiovascular disease; diabetes

Lisa M. Hollier
Assistant Professor
Obstetrics & Gynecology
UT-Houston Medical School
M.D., Tulane University School of Medicine, 1991
Research interests: syphilis; herpes simplex virus type II; preterm labor; maternal immune response; prenatal diagnosis

Eric Jonasch
Assistant Professor
Genitourinary Medical Oncology
M. D. Anderson Cancer Center
M.D., McGill University, 1992
Research interests: renal cell carcinoma; pathology; carcinogenesis; tissue microarray; molecular biology; protein phosphorylation

Rajat J. Kudchadker
Assistant Professor
Radiation Physics
M. D. Anderson Cancer Center
Ph.D., University of Missour, 1996
Research interests: radiation dosimetry, imaging and image fusion, clinical development, treatment machines

Thomas C. Prager
Professor
Ophthalmology and Visual Science
UT-Houston Medical School
Ph.D., Tulane University, 1978
Research interests: clinical electrophysiology, vision development in infants, quality of care in medicine

N. Venkat Prasad
Assistant Professor
Pathology and Laboratory Medicine
UT-Houston Medical School
Ph.D., University of Madras, 1992
Research interests: immunology of tuberculosis; murine model and human tuberculosis; vaccine and immunotherapeutic modalities in tuberculosis

Rajagopal Ramesh
Assistant Professor
Thoracic & Cardiovascular Surgery
M. D. Anderson Cancer Center
Ph.D., All India Institute of Medical Sciences, 1994
Research interests: non-viral mediated gene delivery; tumor-suppressor genes; angiogenesis; apoptosis; inflammation; molecular signaling

Narayan Sahoo
Assistant Professor
Gynecologic Oncology
M. D. Anderson Cancer Center
Ph.D., University of New York at Albany, 1986
Research interests: radiation dosimetry; Monte Carlo simulations; biophysical aspects of radiation therapy; radiation therapy treatment plan optimization and evaluation; structure and properties of bio-molecules

Rosemarie E. Semandt
Assistant Professor
Genitourinary Medical Oncology
M. D. Anderson Cancer Center
Ph.D., University of Toronto, 1996
Research interests: protein kinases; signal transduction, molecular biology of ovarian cancer, therapeutic targets

Jihong Wang
Associate Professor
Imaging Physics
M. D. Anderson Cancer Center
Ph.D., University of Colorado (Boulder), 1994
Research interests: human perception and human-computer interaction in medical imaging; functional MR imaging; softcopy image display

Guosheng Yin
Assistant Professor
Biostatistics and Applied Mathematics
M. D. Anderson Cancer Center
Ph.D., University of North Carolina at Chapel Hill, 2003
Research interests: survival analysis; longitudinal data and random effect models; nonparametric and semi-parametric methods; clinical trials; Bayesian computation and inference; microarray data in genetic statistics and bioinformatics
Dean George Stancel acknowledges Jack Waymire, Ph.D., outgoing GSBS Faculty President, with an honoring plaque for his efforts on behalf of graduate education.

**Congratulations!**

To Roger Barber, Ph.D., upon his retirement.

To William Dowhan, Ph.D., for winning The American Society for Biochemistry and Molecular Biology Avanti Award in Lipids in San Diego, CA.

The Graduate School of Biomedical Sciences has established a unique and innovative collaboration with Texas Southern University (TSU), a historically black university, to define a relationship that will lead to attracting talented undergraduate students into careers that focus on prostate cancer research. This collaboration is funded for three years by a grant from the Department of Defense Prostate Cancer Research Program, with a leader in prostate cancer research and long time GSBS faculty member, Timothy J. McDonnell, M.D., Ph.D., serving as P.I. Drs. George Stancel, GSBS Dean, and Thomas J. Goka, GSBS Assistant Dean, initiated the Collaborative and will coordinate the efforts and provide administrative support for it.

The design of this collaboration includes the creation of a mini-course on prostate cancer to be taught on the TSU campus by GSBS faculty; a summer research and education program for four TSU undergraduates (sophomores or juniors) who will work with GSBS faculty who conduct research in prostate cancer; the further exposure of these students to the community and career of prostate cancer research including seminars, journal clubs, and a national meeting; sponsoring a visit and seminar at the TSU campus of a nationally recognized leader in prostate cancer research; and the training of a young TSU faculty member in prostate cancer research. All these efforts are designed to add significantly to the understanding of prostate cancer through education, research, and exposing selected undergraduate students to prostate cancer research.

Already underway is the mini-course with over 50 TSU students and a dozen TSU faculty attending the first two seminars. Four TSU students will be selected in a competitive process to receive a $4,000 stipend for 12 weeks this summer. They will register as non-degree students in a GSBS Special Projects course on biomedical research and prostate cancer where they will not only receive information on procedures and perspectives of prostate cancer research but also instructions on careers, applying to medical and graduate schools. In addition, they will attend seminars on current topics in prostate cancer. During their following academic year at TSU, these students will continue their relationship with the summer mentor and the GSBS, and will have the opportunity to attend a national scientific meeting with a major focus on prostate cancer research. Further, Dr. Palur Gunaseka, an assistant professor in biology at TSU, is already involved in this collaboration and will be working this summer in Dr. McDonnell’s laboratory. He will also be on campus to mentor the students from the summer program.

— Thomas Goka, Ph.D., Assistant Dean for Outreach and Minority Affairs

Thanks to a gift from a previous GSBS staff member, Melva S. Ramsay, and matched by the GSBS to honor her years of serving with loyalty and energy, GSBS Dean, George Stancel established the Melva S. Ramsay Award. This endowed award honors exemplary service by a GSBS staff member to faculty, students and the GSBS. Year 2005 marks the first time the Ramsay Award was presented, and the first recipient was Cheryl Spitzenberger, director of faculty affairs for the Graduate School. Shown here, Pierre McCrea, Faculty President, left, with ‘Spitz’ and Ms. Melva Ramsay.
Undergraduate Research Competition presenters, L-R, Gloria Li, Anadita Pal, Todd Triplett, Imene Bokhetache and Allison Hall, were each recipients of $200 awards honoring their top scientific posters exhibited during the 10th annual UT Health Science Center Research Day. The Undergrad Research Competition was originated and chaired by Kendra Woods, Ph.D. (1995) and co-chaired by Brenda Whaley, Ph.D. (1995). GSBS Alumni hosted 25 presenters from Texas and across the country as well as 35 undergrad visitors many of whom served as peer reviewers for the competition. Alumni and current GSBS students also served as judges. A breakfast was sponsored by M. D. Anderson Cancer Center, with an awards banquet at the GSBS.

Alumni Kudos

Sharon Beresford, Ph.D. (2001)
New patent attorney in Austin, TX

Manu V. Chakravarthy, M.D., Ph.D. (2000)
Fellow, Washington University School of Medicine
St. Louis, MO

Esther Cheung, Ph.D. (1985), MBA
now in the New Product Planning Division at GlaxoSmithKline, Philadelphia, PA

appointed assistant professor at State University of New York at Buffalo, NY

Erin Lagow, Ph.D. (2002)
Fellow, Ordway Research Institute Cancer Center
Albany, NY

Madhu Purewal, Ph.D. (1990), J.D.
New associate legal officer
M. D. Anderson Cancer Center, Houston, TX

Brenda Whaley, Ph.D. (1995)
Selected as Houston Baptist University Minnie Stevens Piper Foundation Professor honoree 2004-2005, and will represent HBU in the statewide selection process, Houston, TX

Introducing our Alumni In-Reach Mentors

The invaluable Alumni In-Reach Mentor Program, sponsored by the GSBS Alumni Association, provides electronic information to GSBS students who ask about various career paths in the biomedical sciences. What follows is a very informal update about two of our In-Reach mentors, with the thought that all will be introduced as time goes by. To volunteer to serve as a mentor contact bwhaley@hbu.org

Introducing Chris Friedrich, Ph.D., (1986)

I am currently a faculty member in the Division of Medical Genetics at The University of Mississippi Medical Center in Jackson. My main research interests have been in the area of adult-onset genetic diseases, especially lipid disorders. I previously developed an adult genetics clinic at Penn, and have been expanding that here. We provide diagnostic testing and interpretations and counseling for hereditary cancers, neurogenetic diseases, and premature coronary artery disease. My newest project is to try to develop an educational tool to make sophisticated genetic concepts understood by those who are illiterate.

For those who want to make a career of generating new ideas and knowledge, which means upsetting the status quo on a regular basis, I offer this quote from George Bernard Shaw:

"Reasonable people adapt themselves to the world. Unreasonable people attempt to adapt the world to themselves. All progress, therefore, depends on unreasonable people."

Introducing Hector Garcia, Ph.D., (1979)

As my current employment, I have been a Senior Scientist (Toxicologist) at Johnson Space Center since 1990, working for Wyle Laboratories Life Sciences Systems and Services, a contractor to NASA. My duties include establishing safe exposure limits for levels of contaminants in spacecraft air and water and assessing the toxicity hazard levels of chemicals that fly on manned spacecraft missions.

One of my favorite quotes is taken from a country song, but applies equally well to career plans: “Some of God’s greatest gifts are unanswered prayers.” Best regards.

If you would like to submit a kudo for the next Alumni News, please send your submission to: Linda.M.Carter@uth.tmc.edu
This year, the American Legion Auxiliary (ALA), Department of Texas, hit the $1,000,000 milestone in raising support for GSBS fellowships in cancer research. Over 90 individuals attended the fall awards presentation, with both national and statewide Auxiliary officers coming in for the event. Since 1971 this phenomenal accomplishment has been achieved through the work of women across the state of Texas, and the only such project of its kind in the country. On behalf of the GSBS they have contributed to graduate students doing the highest quality work in their research studies in all kinds of cancer. See here are scholars and representatives from the American Legion Auxiliary including officers immediate past president, Ms. Lynda Horton, left of Dean Stancel center front row, and current president, Ms. Vicki Pollard and current Department commander, Mr. Dellano Simmons, to the right.

**American Legion Auxiliary Fellowships**

<table>
<thead>
<tr>
<th>Student</th>
<th>Supervisory Professor</th>
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<tr>
<td>Gregory Aune</td>
<td>Dr. Zahid Siddik</td>
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<tr>
<td>Jennifer Carew</td>
<td>Dr. Peng Huang</td>
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<td>Jennifer Carter</td>
<td>Dr. Subrata Sen</td>
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<td>Jennifer Cook</td>
<td>Dr. Cheryl Walker</td>
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<td>Geoffrey Kannan</td>
<td>Dr. Eugenie Kleinerman</td>
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<td>Shreya Kant</td>
<td>Dr. Jeffrey Molldrem</td>
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<tr>
<td>Sanaz Khanbolooki</td>
<td>Dr. David McConkey</td>
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<td>Joanna Koch</td>
<td>Dr. Guillermina Lozano</td>
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<td>Jon Lyons</td>
<td>Dr. Pierre McCrea</td>
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<td>Jason Mitchell</td>
<td>Dr. Bradley McIntyre</td>
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<td>Steffan Nawrocki</td>
<td>Dr. David McConkey</td>
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<td>Jennifer O’Daniel</td>
<td>Dr. Lei Dong</td>
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<td>Athanasia Panopoulos</td>
<td>Dr. Stephanie Watowich</td>
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**Aaron Blanchard Research Award in Medical Physics**

Named in memory of Aaron M. Blanchard, a GSBS student in the Medical Physics Program who succumbed to brain cancer in 1998, this $300 cash award recognizes a Medical Physics graduate (M.S. or Ph.D.) for completion of an outstanding thesis or dissertation judged to make a significant contribution to cancer therapy or diagnosis. Award Recipient for 2005-2006 is:

<table>
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<th>Student</th>
<th>Supervisory Professor</th>
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<tr>
<td>Kent Gifford</td>
<td>Dr. John Horton</td>
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**R. W. (Bill) Butcher Achievement Award 2004**

The R. W. (Bill) Butcher Fund was established in 1977 and provides for these annual awards of $2,000 each. The award is presented to a student who demonstrates excellence in research, has a commitment to a career in biomedical research and makes a professional contribution to the community or has faced a particular challenge. Meghan Minard is this year’s recipient of the R. W. (Bill) Butcher Achievement Award for her exemplary efforts in community outreach.

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<th>Student</th>
<th>Supervisory Professor</th>
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<tr>
<td>Meghan Minard</td>
<td>Dr. Gary Gallick</td>
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</table>
**Harry S. & Isabel C. Cameron Foundation Fellowship**

The Cameron Foundation fellowship provides $10,000 to an exceptional GSBS student working in research fields related to Alzheimer’s or cardiovascular diseases. The $10,000 gift is matched by GSBS in 2004-2005, giving a total of $20,000 stipend support to the student. The 2004-2005 recipient Maglie Leduc, whose studies are focused on Alzheimer’s disease, is shown here with Ms. Diane Guiberteau, a representative from the Harry S. & Isabel C. Cameron Foundation and trust officer for Bank of America.

**Student**
Maglie Leduc

**Supervisory Professor**
Dr. James Hixson

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**T. C. Hsu Endowed Memorial Scholarship**

In 2004, the first T. C. Hsu Endowed Memorial Scholar was named, thanks to the generosity of many: his former students, faculty colleagues, his daughter Margaret, and M. D. Anderson Cancer Center Foundation. The scholarship is a living testimony to Dr. Hsu’s memory, and serves to acknowledge the stellar research accomplishments of graduate students focusing on genetics or cell biology. The inaugural T. C. Hsu Memorial Scholar is Meghan Minard, whose research studies are in the field of colon cancer, and receives this $4,000 endowed scholarship. Shown here center, with Ms. Margaret Hsu left, and Dr. Gary Gallick, right.

**Student**
Meghan Minard

**Supervisory Professor**
Dr. Gary Gallick

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**Barbara L. Kennedy Endowed Memorial Scholar**

Established by the WINGS Chapter of the American Business Women’s Association (ABWA) 2004-2005 marks the third anniversary of the award named for the deceased member and sister, Barbara Kennedy, whose interest in the field of genetic counseling provided the focus for this honor. Here, Tamara Soloman is this year’s recipient:

**Student**
Tamara Soloman

**Supervisory Professors**
Ms. Cathy Wicklund and Ms. Aimee Williams
Alfred G. Knudson, Jr., Outstanding Dissertation

Named for the distinguished individual known for his record contributions to the field of genetics, Dr. Knudson was Dean and Professor of Medical Genetics at the GSBS from 1969-1976 as well as Associate Director of Education at M. D. Anderson Cancer Center. Established by the Faculty Senate, the $1,000 award recognizes original research conducted by a student working toward a doctor of philosophy degree at The University of Texas Graduate School of Biomedical Sciences at Houston. The award also acknowledges the important scientific supervision that M. D. Anderson faculty members provide for GSBS students. Shown here, GSBS Dean, George Stancel presents the award to the 2004-2005 honoree:

**Student**
Dr. Sandeep Dayal

**Supervisory Professor**
Dr. William Klein

John P. Mc Govern GSBS Scientific Poster Competition 2004-2005

In its 23rd year, the McGovern Scientific Poster Competition plays an integral part in The University of Texas Health Science Center at Houston Research Day. Awards are based on research excellence and presentation and were selected this year by a GSBS Faculty committee including Drs. Subrata Sen, Seiji Kondo, Kapil Mehta, Ke-He Ruan, Thomas Goka, Mandri Obeyesekere, Anil Kulkarni, Shritkanth Reddy, Victoria Knutson, Rajagopal Ramesh, Kevin Morano, Nachum Dafny, and Jeffrey Gershenwald. The 2004-2005 poster recipients in each category receive $400, $300, and $200 for First Place, Second Place and Third Place, respectively.

**M.S. Category**
- **Student**: Cana Ross
- **Award**: 1st
- **Supervisory Professor**: Dr. Theresa Koehler

- **Student**: Jay Herman
- **Award**: 2nd
- **Supervisory Professor**: Dr. Kapil Mehta

**Ph.D. Pre-candidacy Category**
- **Student**: Laura Nolden
- **Award**: 1st
- **Supervisory Professor**: Dr. Gordon Mills

- **Student**: Julie Robertson
- **Award**: 2nd
- **Supervisory Professor**: Dr. Yahuan Lou

- **Student**: Joseph Taube
- **Award**: 3rd
- **Supervisory Professor**: Dr. Michelle Barton

**Ph.D. Post-candidacy Category**
- **Student**: Jing Zhao
- **Award**: 1st
- **Supervisory Professor**: Dr. Pramod Dash

Minority Faculty Association Awards

**Minority Faculty Association Scholarship**

**Student**
Amber Johnson

**Supervisory Professor**
Dr. Michelle Barton

**Jones/Wharton Scholarship for Cancer Research**

**Student**
Stacey Ruiz

**Supervisory Professor**
Dr. David McConkey
Dee S. & Patricia Osborne

Endowed Scholarship in the Neurosciences

Established by the Linda and Ronny Finger Foundation in 2001-2002, this endowed scholarship honors former University of Texas Health Science Center at Houston Development Board president, Dee Osborne and his wife Patricia. Through the endowment an award of $500 is provided to the winning presenter in the graduate student category at the Annual Neuroscience Scientific Poster Session. This award is given during Brain Awareness Week. The 2004-2005 Osborne Scholar is

**Student**

Diego Gutnisky

**Supervisory Professor**

Dr. Valentin Dragoi

---

Presidents’ Merit Scholars 2004-2005

Through generous funding from President James T. Willerson, The University of Texas Health Science Center at Houston, and President John Mendelsohn, M. D. Anderson Cancer Center, recognition is given to advanced GSBS students who have demonstrated excellence in research. The applications are reviewed by a committee consisting of five past, present and future presidents of the Graduate Faculty, including this year, Dr. Stephen Daiger, Dr. William Dowhan, Dr. William Plunkett, Dr. Grady Saunders and Dr. George Weinstock. This year’s Scholars each received a cash award of $5,000. Shown here left to right: Pamela Yang, Auinash Kalsotra, Jennifer Carew, Steffan Nawrocki, and April Hebert.

**Student**

April Hebert  
Auinash Kalsotra  
Jennifer Carew  
Pamela Yang  
Steffan Nawrocki

**Supervisory Professor**

Dr. Pramod Dash  
Dr. Henry Strobel  
Dr. Peng Huang  
Dr. Alan Swann and Dr. Nachum Dafny  
Dr. David McConkey

---

The Schissler Foundation Fellowships 2004-2005

The Schissler Foundation is a major benefactor of the Graduate School. Now in its tenth year, the Foundation has chosen to continue to support excellence through its awards to top students involved in research in the human genetics of common diseases. In addition, this year a new Schissler Foundation Fellowship is also being awarded to graduate students working in the area of cancer research and cures, specifically at The University of Texas M. D. Anderson Cancer Center. Each of these Schissler Foundation Fellows receives a $20,800 stipend. Shown here left to right are Yasmine Valentin, Catherine Moya and Lisa Vincent.

**Student**

Yasmine Valentin  
Lisa Vincent  
Catherine Moya

**Supervisory Professor**

Dr. Guillermina Lozano  
Dr. Dianna Milewicz  
Dr. Renata Pasqualini
Andrew Sowell-Wade Huggins Endowed Scholars
and The Cancer Answers/Sylvan Rodriguez Scholar

Joann Sowell and Marcia Huggins Jahncke established the Andrew Sowell-Wade Huggins Endowed Scholarship in 1991 at The University of Texas Graduate School of Biomedical Sciences at Houston to celebrate the successful recovery of their sons from cancer. Through personal donations and those of family and friends, support for their mission of ‘finding cancer answers’ through innovative research and educational training of GSBS students, continued to grow. In 1996 they created Cancer Answers, a charitable organization, which acts as the fund raising arm of the Sowell-Huggins Endowment. In 1999 the Sylvan Rodriguez Foundation partnered with Cancer Answers to share in the effort of support for one $2,000 scholarship, The Cancer Answers/Sylvan Rodriguez Scholarship, honors the memory of Sylvan Rodriguez, a local newscaster who died of pancreatic cancer in 2001. Today, as many as five Sowell-Huggins $2,000 scholarships are offered annually, along with a three year renewable $20,000 stipend for the recipient of the Andrew Sowell-Wade Huggins Professor/Fellow Award. Photo left to right, 2004-2005 awards recipients are:

**Students**
- Stacey Ruiz, Cancer Answers/Sylvan Rodriguez Scholar
- Meghan Minard, Andrew Sowell-Wade Huggins Scholar
- Aditi Hazra, Andrew Sowell-Wade Huggins Scholar
- Illyssa Okrent Gordon, Andrew Sowell-Wade Huggins Scholar
- Jennifer Carew, Andrew Sowell-Wade Huggins Scholar

**Supervisory Professor**
- Dr. David McConkey
- Dr. Gary Gallick
- Dr. Xifeng Wu
- Dr. Ralph Freedman
- Dr. Peng Huang

Sam Taub/Beatrice Burton Endowed Fellowship

Thanks to the increased generosity of sisters Mary Wright and Joanna Ross, the first Sam Taub and Beatrice Burton Endowed Fellowship was presented for the 2004-2005 academic year. Established to honor their grandfather and great aunt, when completed the Taub/Burton Fellowship will serve to provide an award in perpetuity of at least $2,000 towards tuition for graduate students working in the area of sight-related vision problems, and the genetics and potential therapies involved. The inaugural recipient, Nicholas Koch, whose research studies are related to therapy-delivery mechanism for cancer of the eye, is shown here second from left, with GSBS Dean, George Stancel, Ms. Mary Wright, and Dr. Wayne Newhauser.

**Student**
- Nicholas Koch

**Supervisory Professor**
- Dr. Wayne Newhauser

Roberta M. & Jean M. Worsham Endowed Scholarship
In the Behavioral and Neurosciences

This endowed award fosters exceptional students working in the fields of the behavioral or neurosciences with focus on the areas of addiction or obsessive/compulsive behavior. This unique scholarship is for $1,000, and will be formally presented during Brain Awareness Week. The 2004-2005 scholar is:

**Student**
- Sylvain Nouvion

**Supervisory Professor**
- Dr. Don Cherek
P.E.O. (Philanthropic Educational Organization) Scholar Award for 2005

Raegan Hunt, (Advisor, C.S. Ramam, Ph.D.) continues a history of GSBS recipients of this highly competitive, prestigious and valuable ($10,000) national award. Previously, Ruth Ann Barkley and Pamela Yang were named to this award in 2003, 2004 respectively. In 1991 the P.E.O. National Scholarship Awards were established. They are one-time honors for women of the United States and Canada who are pursuing a graduate degree, undertaking advanced study or research. Since that time over 900 women have become P.E.O. Scholars selected, in part, for their potential to excel. Raegan Hunt was the nominee of Chapter AC of the P.E.O. in Houston.

2005 Lewis Hine Award for Service to Youth

GSBS student, Chirag Patel, is one of 10 national recipients of this award administered by the National Child Labor Committee. Each recipient receives $1,000 and a trip to the awards ceremony. Patel is designating his monetary award to the Indian Ocean tsunami relief efforts. Previous recipients include Harry Belafonte, Michael Bolton, Hillary Clinton and Oprah Winfrey. The award is named after photographer Lewis Wickes Hine, a photographer whose efforts helped enact laws to protect the rights of children. (Scoop, 1/21/05.)

Medical School Dean’s Awards to Graduate Students

<table>
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<tr>
<th>Student</th>
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<tr>
<td>Sonya Blum</td>
<td>Dr. Pramod Dash</td>
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<td>April Hebert</td>
<td>Dr. Pramod Dash</td>
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<td>Auinash Kalsotra</td>
<td>Dr. Henry Strobel</td>
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<td>Bao Nguyen</td>
<td>Dr. Carmen Dessauer</td>
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<td>Amy Trot</td>
<td>Dr. Kevin Morano</td>
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<td>Pamela Yang</td>
<td>Dr. Alan Swann</td>
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<td>and Dr. Nachum Dafny</td>
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NIAID Travel Award

Jaime Estrella, GSBS student of Dr. Susan Fisher-Hoch, in Brownsville, TX, received the Ruth L. Kirschstein National Science Research Award from NIH. For her research studies in tuberculosis, this award totals $160,000 over five years.

Community Awards

Colin Lathrop, a first-year student in the D.D.S/Ph.D. program won the award for the most outstanding basic science presentation at the 10th Annual Hinman Student Research Symposium, Memphis, TN.

Sigma Xi Annual Thesis Prize

The Rice-Texas Medical Center Chapter of Sigma Xi Scientific Research Society made its 2004-2005 awards in the biological sciences and medicine to two GSBS students: First and second Place $350, $150 respectively.

Sally Kim (Advising Professor, M. Neal Waxham, Ph.D.) 1st Place
“The Dynamics of Calmodulin Signaling Revealed using Optical Methods”

Sayeepriyadarshini Anakk (Advising Professor, Henry Strobel, Ph.D.) 2nd Place
“Female-specific Regulation of Cytochrome P450 3As and their Response to Xenobiotic Stress”
Special Thanks and Gratitude

Special Thanks to our Benefactors

Steven J. Allen
Harry S. & Isabel C. Cameron Foundation
Cancer Answers Inc.
Robert Greer
Elizabeth Grimm
Diana Hawkins
Geoffrey Ibbott
Jefferson-Pilot Foundation
John P. McGovern Foundation
Kevin Morano
Peggy O’Neil
Janet Price
Melva Ramsay
Doris Ross
Schissler Foundation
Douglas Stickle
Charles & Judy Tate
Mary Ruth & Tom Williams
WINGS Chapter, ABWA
Jean & Roberta Worsham
Wei Yu

With Gratitude to our Donors

Sandeep Agarwal
Melissa Aldrich
John Antolak
Marilyn Arnott
Donna Badgwell
Lois Baker
Michele Barton
Sonia Bergh
Roger Bick
Carol Blanchard
Valentine Boving
Bill and Joan Butcher
Dan Carson
Betsy Chadderdon-Frantz
Zhong Chen
Esther Cheung
Paul Cizdziel
Gil Cote
Deborah Croft
Stephen Daiger
Peter Davies
Donna DiPaolo
Kimberly Dodge
Herbert DuPont
Anuradha Dutt
Julie Ellerhorst
Cindie Ewell
Frank Falusco
Isaiah Fidar
Susan Fitzpatrick
Ralph Freedman
Emil Freireich
Rhonda Friedberg
Jeffrey Frost
Gregory Fuller
Yasuhide Furuta
Gary Gallick
Varsha Gandhi
Brenda Gaughan
Alberta Glassman
Siew-Ging Gong
Joe Grant
Robert Greer
Erin Grothey
Yi-Zhong Gu
Elizabeth Gum
Dianne Hammond
John Herman
Walter Hittelmann
Dah Hsi & Beng Ho
Jacqueline Peltier Horn
Glenn Housholder
Jun-Tzaw Huang
Vicki Huff
Mien-Chie Hung
Gary Johanning
Faye Johnson
Jeffrey Johnson
Quita Cruciger
Dan Jones
Kathleen Jones
Rodney Kellens
Sally Kim
Robert Kirken
William Klein
Daisy Kone
John Kopchick
Richard Kulmacz
Mark Kunkel
Tien Kuo
John Kurland
Lawrence Lachman
Anand & Sandhya Lagoo
Eriel Lago
Jack Lee
George Leventon
Yun Lin
Pu Liu
Karim Loftin
Kathryn Louie
Katherine Loveland
Gailen Marshall
Jeanelle Martinez
Tom and Nancy Matney
Pierre McCreath
David Mellenberg
Mercedes Meyer
Raymond Meyn
Shirlette Milton
Debra Moss
JoAnn Moulds
Stephen Nadler
Wayne Newhauser
Sarah Noblin
Kathy O’Keefe
Jeffrey Palmer
Nickolas Papadopoulos
Steven Patierno
Betty Petrie
Thomas Poorman
Rand Posmantur
John Powers
Potu Rao
Ellen Richie
Isaac Rosen
Jeffrey Safran
Barbara Sanborn
Grady & Priscilla Saunders
Jack Schull
Stan Schultz
Bart Sheinberg
Donna Shewach
Ann-Bin Shyu
Michael Siciliano
Malcolm Skolnick
Cheryl Spitzengerger
George Starkschall
Gulnar Surveyor
Lixuan Tackett
Henrich Taegtmeyer
Filemon Tan
Ming Tan
Dean Tang
Jane Tew
Stephen Tomasovic
Janet Travis
Ah-Lim Tsai
Ifeoma Umeh
Deidre Vedder
Dengang Wang
Kishor Wasan
Deborah Woodhouse
Edward Yeh
Dihua Yu
Daniel Zabcik
Wei Zhang
Leonard Zwelling

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Dear Alumni and other friends,

What an amazing year! The GSBS has moved from the far reaches of the Texas Medical Center to its very core, and as you may imagine, is loving their new home in the concrete and marble George and Cynthia Mitchell Basic Sciences Research Building, June and Virgil Waggoner Academic Hall.

Thank you for the honor of being your Alumni Association president. Two of the most significant events that took place last fall included the first ever, alumni sponsored, Undergraduate Research Competition, and the 2004-2005 Alumni Reunion. The Undergraduate Research Competition was well supported by the GSBS, and attended by 40 students from across Texas and the United States. Nineteen undergrads presented scientific posters and 21 others were peer reviewers. The Competition was a featured part of the University of Texas Health Science Center at Houston’s 10th Annual Research Day, and the students were hosted at a breakfast in The University of Texas M. D. Anderson Cancer Center. Special thanks go to the very able chairpersons, Kendra Woods, Ph.D. (1995) and Brenda Whaley, Ph.D. (1995), to Joya Chandra, Ph.D. (1998) for heading the poster selection, to Maureen Goode, Ph.D. (1985) who wrote the abstract template, to Dorrie Lamb, Ph.D. (1980) for shepherding the undergrad advisors, and to Ben Thomas, Ph.D. (1973) who headed the panel of alumni judges. (Photos of the top five poster creators are inside this newsletter.) I had the fun of guiding a very enthusiastic group of peer reviewers.

The 2004-2005 Reunion reception and dinner were a wonderful success with a record turnout of 135 people. Trevisio Restaurant, looking out over the Texas Medical Center was the setting, and Dr. Ron Duman, our GSBS Distinguished Alumnus from Yale (look him up on the website at http://gsbs.uth.tmc.edu/alumni/distinguished_alum.html) regaled us with ‘Lessons of Life and Research.’ Joya Chandra, Ph.D., was elected vice-president/treasurer, which means she will have the thrill of serving as your president next year. The plan for the 2005-2006 Reunion is to give you an opportunity to see the Graduate School, up close and personal, in its exhilarating (and permanent) location. This will be a great chance to visit with colleagues and faculty, so I look forward to seeing you there. Molly Bray, Ph.D. (1998), Vicki Estrera, Ph.D. (2001) and Mustafa Ozen, Ph.D. (1999) will be on hand as the newest Alumni Steering Committee members. Not to be forgotten is outgoing president, Dorrie Lamb, Ph.D., who handed me the ‘presidential brick’ and finished presiding over this busy group—everyone applauded her many efforts.

I invite you to become involved; the experience is priceless.

Steven Lott, Ph.D. (1997)
President, 2004-2005
GSBS Alumni Association