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.”
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 Heath 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.

Dr. John Mendelsohn
President UTMBACC

Dr. George Stancel, Dean GSBS

Dr. James Willerson
President UTHSCH

Drs. Tom Matney, Manley Mandel, Ray Meyn
GSBS Faculty

Dr. Ted Pate
GSBS Faculty

Dr. Doris Ross
Dean Emeritus SHS

Drs. Beng Ho, Nachum Dafny
GSBS Faculty

Mr. Charles Figari
VP Auxiliary Enterprises UTHSCH

Drs. Dan Ahn, Grady Saunders
GSBS Faculty

Dr. Pat Stark, Dean
UT School of Nursing

Mrs. Glidys O’Neal

Dr. Guy Parcel, Dean
UT School of Public Health

George and Cynthia Mitchell
Basic Sciences Research Building

The University of Texas M.D. Anderson Cancer Center
October 22, 2004
Celebration in the BSRB

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
Nanhua 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
Wenli 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

Danceen 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
Susan Harms
University of Texas-Austin
Jade Hatley
Southwestern University
Ryan Hecox
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-Michael Hsu
University of California-Berkeley
Albert Huang
University of California-Berkeley
Miao Huang
Suzhou Medical College
Ly Huynh
University of St. Thomas
Lori Jackson
Abilene Christian University
Kathleen Jensen
Sam Houston State University
Joohi 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
Famourou 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 Mogatadakala
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
Korea University Graduate School
Adam Pettway
University of Arkansas
Kathryn Pfhuheofit
University of North Carolina-Greensboro
Cornel Phillip
The University of the Virgin Islands
Ashley Pierre
Dillard University
Lillian Pinzon
University of Antioquia
Maria Ramirez
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.

Students, faculty, and staff participated in a pick-up game of baseball. A good time was had by all!
Members Reappointed with Commendation

Dr. Richard R. Behringer
Dr. Laurence D. Etkin
Dr. Dale Hereld
Dr. Theresa M. Kochler
Dr. Randy J. Legerski
Dr. Timothy J. McDonnell
Dr. Hope Northrup
Dr. Ann-Bin Shyu
Dr. Bing Su
Dr. Stephanie S. Watowich
Dr. Miles F. Wilatowich

New Regular Members

Constance T. Albarracin
Assistant Professor
Pathology
M. D. Anderson Cancer Center
M.D., University of Santo Tomas, 1984
Ph.D., University of Illinois, 1993
Research interests: hormone-regulated proteins; development of breast and ovarian cancer; annexin 1; annexin 2; 17 beta hydroxysteroid dehydrogenase; 20 alpha hydroxysteroid dehydrogenase, gonadotropin releasing hormone receptor

Peter R. Almond
Research Professor
Radiation Physics
M. D. Anderson Cancer Center
Ph.D., Rice University, 1965
Research interests: radiation physics; radiation biology; radiation oncology

Carlos E. Bueso-Ramos
Associate Professor
Hematopathology
M. D. Anderson Cancer Center
M.D., Ph.D., Universidad Autonoma/Emory University School of Medicine, 1982, 1988
Research interests: regulation of NIfkappa B activity in hematologic malignancies; gene expression; cell cycle; protein phosphorylation; tumorogenesis; hematopoiesis and molecular genetics of leukemias

Kent W. Christopherson II
Assistant Professor
UT-Houston Institute of Molecular Medicine
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

Chen Dong
Associate Professor
Immunology
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

Valentin Dragoi
Assistant Professor
Neurobiology and Anatomy
UT-Houston Medical School
Ph.D., Duke University, 1997
Research interests: cortical mechanisms of visual behavior; cortical plasticity; neural coding; real-time models of learning and adaptive behavior; network models of cortical function

Scott M. Drouin
Assistant Professor
Institute of Molecular Medicine
UT-Houston Medical School
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

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

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

Carol J. Etzel
Assistant Professor
Epidemiology
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

Elsa Flores
Assistant Professor
Molecular and Cellular Oncology
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

Guillermo Garcia-Manero
Assistant Professor
Leukemia
M. D. Anderson Cancer Center
M.D., Faculty of Medicine, University of Zaragoza, 1991
Research interests: molecular biology of leukemia, DNA methylation, epigenetic therapy, epigenetic profiling of leukemia, drug development

Juri G. Gelovani
Professor and Chairman
Experimental Diagnostic Imaging
M. D. Anderson Cancer Center
M.D., 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

Michael Z. Gilcrease
Associate Professor
Pathology
M. D. Anderson Cancer Center
M.D., 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

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**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

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**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

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**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

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**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

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**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

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**Shaow-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

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**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

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**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

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

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**Yasushiro 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

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**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

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**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

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

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**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
Ilya Shmulevich
Assistant Professor
Pathology
M. D. Anderson Cancer Center
Ph.D., Purdue University, 1997
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

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

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

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
Associate Professor
Radiation Physics
M. D. Anderson Cancer Center
Ph.D., State 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. Semhandt
Assistant Professor
Gynecologic 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 semiparametric methods; clinical trials; Bayesian computation and inference; microarray data in genetic statistics and bioinformatics
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.

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.

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.

Graduate School of Biomedical Sciences and Texas Southern University Undergraduate Collaborative Training Program in Prostate Cancer

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 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

—13—
Alumni

Sharon Beresford
Vijaya Bhadkamkar
Sol Bobst
Valentine Boving
Molly Bray
Joan Breuer McHam
Eva Caudell
Jimmy Caudell
Dawn Chandler
Joya Chandra
Sangeeta Cheema
Rong Chen
Rob Copenhaver
Sandeep Dayal
Kevin Spurgers
Belisa Diaz
Ron Duman
Vicki Estrera
Richard Foulk
Suzanne Fuqua
Thomas Gegeny
Tom Goka
Manuel Gonzalez-Garay
Maureen Goode
Rick Hajek
Anne Hodgson
Peng Huang
Faye Johnson
Ralf Krahe
Dorrie Lamb
Pierrette Lo
Steve Lott
Suneeta Mahagaokar
Milton Marshall
Shirlette Milton
Jennifer Newcomb
Karen Niederreither
Peggy O’Neill
Kathryn Peek
Mark Pershouse
Madhu Purewal
Yuhua Qi
Maribelis Ruiz
Alex Sandoval
Bart Sheinberg
Carmen Tellez
Ben Thomas
Ping Tian
Laura Valentine
Brenda Whaley
Barbara Williams
David Wildrick
Hui Xu
Hong Nathan Xu
Zhong Xie
Jianhua Yang
Dihua Yu
Wei Zhang

In Memory
Jim Hokanson, Ph.D.
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.
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. Seen 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.

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

**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.

<table>
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<tr>
<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

---

**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

---

**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 Solomon is this year’s recipient:

**Student**
Tamara Solomon

**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:

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<th>Student</th>
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<tr>
<td>Dr. Sandeep Dayal</td>
<td>Dr. William Klein</td>
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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, Shrikanth 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.

<table>
<thead>
<tr>
<th>Category</th>
<th>Student</th>
<th>Award</th>
<th>Supervisory Professor</th>
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<tbody>
<tr>
<td>M.S. Category</td>
<td>Cana Ross</td>
<td>1st</td>
<td>Dr. Theresa Koehler</td>
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<td></td>
<td>Jay Herman</td>
<td>2nd</td>
<td>Dr. Kapil Mehta</td>
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<tr>
<td>Ph.D. Pre-candidacy Category</td>
<td>Laura Nolden</td>
<td>1st</td>
<td>Dr. Gordon Mills</td>
</tr>
<tr>
<td></td>
<td>Julie Robertson</td>
<td>2nd</td>
<td>Dr. Yahuan Lou</td>
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<td></td>
<td>Joseph Taube</td>
<td>3rd</td>
<td>Dr. Michelle Barton</td>
</tr>
<tr>
<td>Ph.D. Post-candidacy Category</td>
<td>Jing Zhao</td>
<td>1st</td>
<td>Dr. Pramod Dash</td>
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Minority Faculty Association Awards

<table>
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<tr>
<th>Scholarship</th>
<th>Student</th>
<th>Supervisory Professor</th>
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<tr>
<td>Minority Faculty Association Scholarship</td>
<td>Amber Johnson</td>
<td>Dr. Michelle Barton</td>
</tr>
<tr>
<td>Jones/Wharton Scholarship for Cancer Research</td>
<td>Stacey Ruiz</td>
<td>Dr. David McConkey</td>
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</table>
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
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.

**Students**
- Stacey Ruiz, Cancer Answers/Sylvan Rodriguez Scholar
- Meghan Minard, Andrew Sowell-Wade Huggins Scholar
- Aditi Hazra, Andrew Sowell-Wade Huggins Scholar
- Ilyssa 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

---

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.

**Students**
- Nicholas Koch

**Supervisory Professor**
- Dr. Wayne Newhauser

---

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>
<thead>
<tr>
<th>Student</th>
<th>Supervisory Professor</th>
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<tr>
<td>Sonya Blum</td>
<td>Dr. Pramod Dash</td>
</tr>
<tr>
<td>April Hebert</td>
<td>Dr. Pramod Dash</td>
</tr>
<tr>
<td>Auinash Kalsotra</td>
<td>Dr. Henry Strobel</td>
</tr>
<tr>
<td>Bao Nguyen</td>
<td>Dr. Carmen Dessauer</td>
</tr>
<tr>
<td>Amy Trot</td>
<td>Dr. Kevin Morano</td>
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<tr>
<td>Pamela Yang</td>
<td>Dr. Alan Swann 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

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

With Gratitude to our Donors

Sandeep Agarwal  Gregory Fuller  Mark Kunkel  Potu Rao
Melissa Aldrich  Yasuhide Furuta  Tien Kuo  Ellen Richie
John Antolak  Gary Gallick  John Kurland  Isaac Richel
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Michèle Barton  Siw-Ging Gong  Jack Lee  Jack Schull
Sonja Bergh  Joe Grant  George Leventon  Stan Schultz
Roger Bick  Robert Greer  Yun Lin  Bart Scheinberg
Carol Blanchard  Erin Grothey  Pu Liu  Donna Shewach
Valentine Boving  Yi-Zhong Gu  Karin Lofin  Ann-Bin Shyu
Bill and Joan Butcher  Elizabeth Gum  Kathryn Louie  Michael Siciliano
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Esther Cheung  Dah Hsi & Beng Ho  Tom and Nancy Matney  Glyn Truswell
Paul Cizdziel  Jacqueline Peltier Horn  Pierre McCrean
Gil Cote'  Glenn Housholder  David Mellenberg  Lixuan Tackett
Deborah Croft  Jen-Tzaw Huang  Mercedes Meyer  Henrich Taegtmeyer
Stephen Daiger  Vicki Huff  Raymond Meyn  Filemon Tan
Peter Davies  Mien-Chie Hung  Shirlette Milton  Ming Tan
Donna DiPaolo  Gary Johanning  Debra Moss  Dean Tang
Kimberly Dodge  Fayce Johnson  JoAnn Moulds  Jane Tew
Herbert DuPont  Jeffrey Johnson  Steven Nadler  Stephen Tomasovic
Anuradha Dutt  Quita Cruciger  Wayne Newhauser  Janet Travis
Julie Ellerhorst  Dan Jones  Sarah Noblin  Alt-Lim Tsai
Cindie Ewell  Kathleen Jones  Kathy O’Keefe  Ifeoma Umeh
Frank Fusillo  Rodney Kellmens  Jeffrey Palmer  Deidre Vedder
Isaiah Fidler  Sally Kim  Nickolas Papadopoulos  Degang Wang
Susan Fitzpatrick  Robert Kirken  Steven Patierno  Kishor Wasan
Ralph Freedman  William Klein  Betty Petrie  Deborah Woodhouse
Emil Freireich  Daisy Kone  Thomas Poorman  Edward Yeh
Rhonda Friedberg  John Kopchick  Rand Posmantur  Dihua Yu
Jeffrey Frost  Richard Kulmacz  John Powers  Daniel Zabcik

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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 undergads 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