



DOCTORS LEONARD AND BARBARA FRANK UROLOGY MUSEUM AND EDUCATION FUND

The Department of Urology at Thomas Jefferson University has recently received a generous gift from Doctors Barbara and Leonard Frank. A gift fund will be established, known as the **Doctors Leonard and Barbara Frank Urology Museum and Education Fund**. The gift will be used to maintain the Department's museum and to support medical student and resident education. The Leonard A. Frank Jefferson Museum of Urology was dedicated in 2004 as a part of the Department's centennial celebration and is located in the academic office of the Department on the 11th floor of the College building.

Dr. Len Frank joined the Department of Urology at Jefferson in 1996 after a long and distinguished career in urology in Montgomery County, Pennsylvania. Dr. Leonard Frank is an alumnus of the Jefferson Urology Residency Program and is Clinical Assistant Professor of Urology. He is Co-Director of medical student education in the Department. In acknowledgement of his excellence and dedication to our students he has received the Dean's Citation for significant contributions to the advancement of education at Jefferson. This award recognizes faculty who have provided outstanding and sustained contributions to the education of Jefferson's students, residents and/or faculty.

Dr. Barbara Frank, Len's wife, is Clinical Professor of Medicine in the Division of Gastroenterology and



Drs. Barbara and Leonard Frank

Hepatology at Hahnemann/MCP/Drexel University College of Medicine. Dr. Barbara Frank has chaired numerous national and local committees in gastroenterology. She was the first woman to be elected President of the American Society for Gastrointestinal Endoscopy. In 2005, she was awarded the ASGE Distinguished Educator Award. Drexel University College of Medicine has recently established the Barbara B. Frank, M.D. Endoscopic Learning Resource Center, which teaches new endoscopic techniques.

The Department of Urology is deeply indebted to Doctors Leonard and Barbara Frank for their support of our department with this wonderful gift.

DEAN NASCA DELIVERS RESIDENT DIDACTIC CONFERENCE

Dean Nasca took time out of his busy schedule to review "The Principles of Acid-Base Physiology" with the urology residents. He discussed various disease states that affect acid-base balance and the human compensatory response to these perturbations. His presentation was supported by visual aids which made these complex concepts understandable. Dr Nasca's clear and concise review of acid-base physiology and its application to clinical decision-making was an ideal preparation for the urology in-service examination. The urology residents are most grateful for this opportunity to be lectured by such a world renowned nephrologist as Dean Nasca.



Dean Nasca with urology residents

LETTER FROM THE CHAIRMAN'S DESK

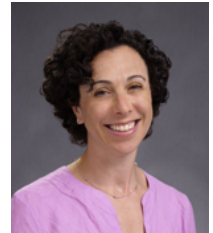
Dear Colleagues,

We started 2006 with a strong showing of our department's long standing commitment to laparoscopic surgery. Our live webcast was viewed on over 8,000 computers of physicians and the general public worldwide. See the behind the scenes look at the web cast in this issue of Jefferson Urology News. Our department now proudly includes 4 physician extenders with Eleanor Davis PA and Darlene Bewick CRNP working on the outpatient side and Kim Tran, CRNP and Doka Fatima CRMP providing coverage for the busy inpatient service. The assistance of these valuable members of the Department has done much to improve our overall responsiveness to the needs of patients in all parts of the practice. As a reminder to all our alumni we look forward to hearing from you and look forward to sharing any news you have with our readers of JUN.

Leonard G. Gomella, M.D.

DR. GLASSMAN-PHYSICIAN DIRECTOR OF PATIENT OPERATIONS JEFFERSON UROLOGY ASSOCIATES

Dr. Leonard G. Gomella is pleased to announce that Dr. Deborah Glassman has accepted her appointment as Physician Director of Patient Operations at Jefferson Urology Associates (JUA), 833 Chestnut Street. In her role, Dr. Glassman will serve as a liaison between the practice operations and clinical operations of the physicians and physician extenders working in the Clinical office (833 Chestnut Street). Congratulations on your new role in the department.



Deborah Glassman, MD

DR. BAFFA-VICE CHAIR OF INSTITUTIONAL ANIMAL COMMITTEE



Raffaele Baffa, MD

Robert L. Barchi, MD, PhD, President of Thomas Jefferson University was pleased to appoint Raffaele Baffa, MD as Vice Chairman of the Jefferson Institutional Animal Care and Use Committee (IACUC) for a term of 2 years. Dr. Baffa will work under Dr. John Klement, the new IACUC Chair. The IACUC must approve all research protocols involving animals prior to undertaking work. The IACUC meets monthly, every 4th Tuesday of the month and maintains the responsibility for the highest standards of humane care for the animals used by our Jefferson scientists in pursuit of medical advances.

CLINICAL TRIAL HIGHLIGHTS

Title: Phase II Study of Lapatinib in Patients with hormone-Sensitive Recurrent Prostate Cancer

Principal Investigator: Alvaro Pereira-Rico, M.D.

Co-Investigators: Leonard G. Gomella, M.D., Edouard J. Trabulsi, M.D. and Costas D. Lallas, M.D.

Sponsor: National Cancer Institute (NCI)

The Department of Oncology in collaboration with the Department of Urology is currently conducting a research study on a new investigational medication, Lapatinib (GW572016), for the treatment of recurrent prostate cancer.

Lapatinib belongs to the family of drugs called ErbB-2 and EGFR dual tyrosine kinase inhibitors. This family of drugs is also being studied in the treatment of other types of cancer.

Purpose: The Phase II Trial will evaluate whether Lapatinib has an anticancer effect and whether it works against prostate cancer.

Treatment: Patients will receive lapatinib by mouth once a day. Treatment may continue for as long as benefit is shown. Patients will be evaluated every 3 months for 2 years, every 6 months for 3 years, and once a year for 5 years.

Eligibility Criteria include the following: At least 18 years old; no previous biological therapy for prostate cancer; at least 1 year since chemotherapy or hormone therapy; more than 6 months ketoconazole, megestrol, or steroids; and no metastatic cancer. Final eligibility for a clinical trial is determined by the health professionals conducting the trial.

PROSTATE CANCER- DIETARY CHEMOPREVENTION

Paul R. Gittens, M.D. (PGY-3)

Prostate cancer continues to be the second leading cause of cancer death amongst American men in the United States. The disease is estimated to affect nearly 13,000 new Pennsylvanian men this year alone. Today, there are several different approaches for management of prostate cancer. These are radical prostatectomy, external beam radiation, brachytherapy, cryotherapy, hormonal therapy and active surveillance. Some factors that may put an individual at risk for prostate cancer are race (black>whites), genetic polymorphisms, and insulin-like growth factors. Many also believe that diet is another important risk factor that should be considered. The incidence of prostate cancer is variable in certain regions of the world. For example, Asian men, they have a significantly lower risk of prostate cancer than their North American and European counterparts. Also, as Asian countries gradually adapt to a more western diet their incidence and mortality of prostate cancer has increased. These demographic factors as well as antidotal correlations have lead many to investigate dietary chemoprevention as an additional approach to prostate cancer. Chemoprevention is the use of a food, drug vitamins or other agents to try and reduce the risk or delay the development or recurrence of cancer. Ideally an agent should have several features, it should show little or no toxicity, there should be high efficacy in multiple sites, capable of oral consumption, and a known mechanism of action.



There are a multitude of agents that are ingested in our diet that are being investigated for chemoprevention; several are selenium, vitamin E, carotenoids, green tea, and phytoestrogens. Selenium and vitamin E are two agents that have demonstrated a decrease in the incidence of prostate cancer in some clinical trials. They are both thought to induce apoptosis in cancer cells and are found to contribute albeit separate pathways to free radical scavenging. Carotenoids are a diverse group of more than 600 pigments found in foods that have also shown promise as a possible chemopreventative agent. Lycopene, a carotenoid primarily found in tomatoes was demonstrated to have antioxidant properties and inhibit insulin growth factor. Interestingly, in some studies there was found to be a significant inverse relationship between high tomato consumption and prostate cancer that was strongest when the tomatoes were cooked, e.g., tomato sauce. Phytoestrogens (soy products) and green tea are also being examined as dietary chemoprevention agents. These two products which are consumed on a daily basis in many parts Asia, have both been found to prevent angiogenesis, to inhibit cell growth and induce apoptosis in cancer cells.

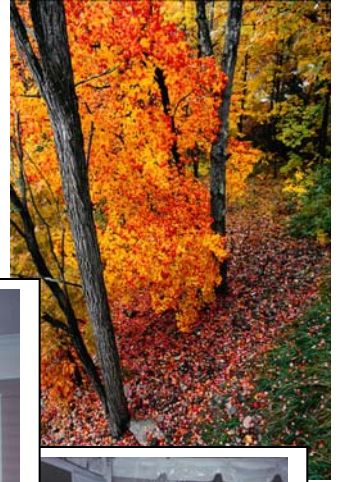
The role of chemopreventative dietary agents in eastern medicine has not been established. There is still some skepticism amongst many physicians about dietary chemoprevention but less amongst patients. When asked in one study 50 % of men admitted to using an alternative form of therapy prior to their prostate cancer diagnosis and did not inform their physicians of their use. Urologists must be aware of the most common agents used for chemoprevention and speak openly with their patients where or not they agree with its usage. Recent research in chemoprevention dietary agents seems promising, but in order for it to be accepted into everyday practice for the treatment of prostate cancer, double blinded trials are still necessary to test their effectiveness.

SUPPORT THE LEONARD A. FRANK JEFFERSON MUSEUM OF UROLOGY.

If you have come across any interesting photos, instruments or other Jefferson memorabilia please send it to Dr. Dolores Byrne, museum curator. We are currently looking for an ACMI battery box that was used to power the incandescent cystoscopes from the 1950's to the 1970's. If anyone has one or if their OR has a "retired instrument room", please help us locate one for the museum.

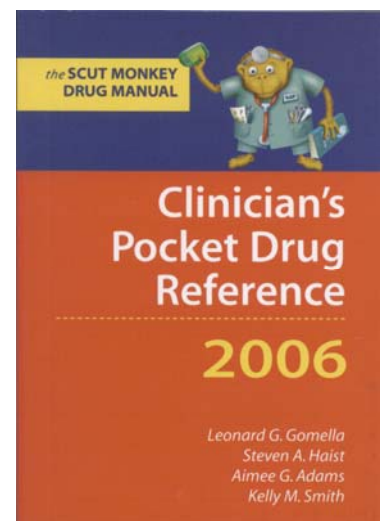
FALL 2005 FACULTY GATHERING

A Urology Faculty Gathering was held on Saturday evening November 12 at the home of Drs. Leonard and Tricia Gomella. The meeting was to formally welcome our newest faculty members Drs. Ed Trabulsi, Costas Lallas and Max Koppel to our full time and volunteer teaching staff. Over 55 attended the function including our faculty members from Jefferson and affiliate programs at AI DuPont, the Wilmington VA and Brvn Mawr Hosdital.



THE CLINICIANS POCKET DRUG REFERENCE 2006 PUBLISHED

The 5th edition of the **Clinicians Pocket Drug Reference** has just been published. The book is edited by Dr. Leonard Gomella and three colleagues from the University of Kentucky, College of Medicine in Lexington, Kentucky. This pocket sized drug manual is a general reference for the most commonly used medications in the field of medicine and is not urology specific (although there are plans to develop a urology specific version). It includes over 1000 medications and provides information specifically designed for students and residents to understand the major facts about commonly prescribed medications that may not be easily extracted from the package insert. It is a practical guide so information on commonly used generic and OTC medications is also included. Dr. Gomella is also editorial consultant for the **Nurse's Pocket Drug Guide 2006** edited by Dr. Judith Barberio professor at Rutgers College of Nursing in Newark, New Jersey. The book is based on the physician's edition and specifically designed for use by nurses and nursing students. Both are also available in PDA versions and are published by McGraw-Hill Medical Publishers in New York.



BEHIND THE SCENES AT OUR LAPAROSCOPIC ROBOTIC PROSTATECTOMY LIVE WEBCAST

Congratulations to Dr. Lallas and Trabulsi on the successful live surgical webcast held on Thursday, January 19, 2006. The live surgery, narrated by Dr. Gomella, was broadcast in real time on the web to over 8,000 computers worldwide for viewing by health care professionals and the public in general. Physicians who viewed the program could also receive CME credits for the educational components of the program. The event not only highlighted our surgeons but also provided a spotlight for the Kimmel Cancer Center Multidisciplinary GU clinic.

A patient of Dr. Trabulsi's kindly agreed to undergo his laparoscopic robotically assisted radical prostatectomy using the *daVinci*® surgical robot for the event. Physicians and any other viewers were able to submit live questions via the web that were relayed by our chief resident Dr. Iliia Zeltzer directly into our MIS suite located in Room 4 of the pavilion operating room. The live OR scenes and intra-operative images were complemented by didactic lecture and educational slides about laparoscopic prostatectomy.

The one hour event was made possible through months of careful preparation by dozens of individuals. Lee Landau, Barbara Patterson and Jocelyn Burton from the TJUH marketing Department were the key behind the scenes organizers and supporters of this program. We thank them and in particular Carmeil Brown, Vice President for Marketing TJUH for funding and promoting this event on behalf of our department and the cancer center. Thanks to our OR team (Sonya, Cara, Paul, Marybeth and Melanie), Dr. Ilan Waldman for his trouble shooting support during the case and Dr. Wilkerson and his team from Anesthesia for their extra efforts during the webcast.

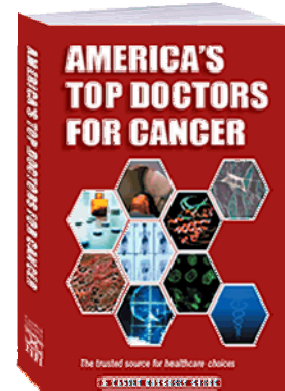
The technical wizards behind the live surgery webcast technology were *slp3D* from Hartford, Connecticut. Room 3 in the Pavilion OR was turned in to a control room with dozens of cables stretched between pavilion OR Rooms 3 and 4. Eight *slp3D* technical staff members, including 3 cameramen in room four and producer/director Ron Obston made the technical aspects of the program run smoothly. Please see the behind the scenes photos of the event.

Don't worry if you missed the live webcast. This entire program, and our pioneering 2001 laparoscopic radical nephrectomy (the first at Jefferson and one of the first ever done on line anywhere) are available for viewing on line. The web site is <http://www.jeffersonhospital.org/webcast/prostate/>



DR. GOMELLA LISTED TOP DOCTORS FOR CANCER IN THE US

Congratulations to Dr. Leonard Gomella for being cited in the recent edition of **Americas Top Cancer Doctors**. Castle Connolly's physician-led research team surveys thousands of physicians each year in order to identify the very best in every specialty for every kind of problem. Other former Jeffersonian's listed for Urology include Dr. Mike Grasso, Dr. Judd Moul, and Dr. Gerald Andriole.



NEMOURS UROLOGISTS SELECTED AS BEST DOCTORS IN AMERICA®

Best Doctors in America® selected our affiliated pediatric urologists - **Julia Spencer Barthold, MD, T. Ernesto Figueroa, MD and Ricardo Gonzalez, MD** as being among the top doctors in the nation. More than 35,000 doctors throughout the United States and Canada who were identified in previous surveys as the best in their specialties were asked to rate the clinical abilities of other doctors in their areas of specialization. Only those physicians who earned the consensus support of their peers were included.

ALUMNI RESIDENT AND FELLOW KORNER MICHAEL H. RITTENBURG, M.D-RESIDENCY 1987

After leaving Jefferson in 1987, Michael Rittenberg M.D. returned to his hometown of Kingston, PA, joining what is now a 5 man urologic group, Riverview Urologic Associates. He maintains a busy general urology practice, but still thrives on performing endourologic procedures and urologic oncologic surgery. Mike was the first urologist in Pennsylvania to perform Laser Ablation of the Prostate in 1992, teaching more than 75 urologists in courses at his local hospitals. He has recently served as a preceptor for Ethicon Endosurgery helping to train regional urologists in hand-assisted laparoscopic nephrectomy.

Mike practices at the Wilkes-Barre General Hospital where he serves on the Medical Executive Committee and Credentials Committee and Geisinger South Wilkes-Barre Hospital, where he serves on the OR Committee. In addition, he is a principal in the Riverview Ambulatory Surgery Center, a free-standing multispecialty ASC in Kingston.

Dr. Rittenberg lives in Shavertown, PA with his wife of 28 years, Lois. They have 3 sons (all born at Jefferson) and a daughter. Matt, age 25, and his wife, Lauren (a graduate student and study coordinator at Jeff) live in Philadelphia. Josh, age 22, and his fiancée Emily live in Silver Spring, MD. Dan, 19, is a freshman at Colgate University and hopes to become a Urologist! Daughter Sarah, age 16, is a high school student. Mike spends his free time on the golf course and looks forward each fall



Michael and Lois Rittenberg and Family

to the Pelvic Open, the Jefferson Urology-inspired trip to the golf Mecca of the United States. He still enjoys spending time with residency partner and "twin" Dave Ellis with whom he gets together several times a year for golf, meetings, and family celebrations. He also maintains close ties to the Jefferson Urology Dept., regularly conferring with colleagues, including Demetrius Bagley, Lenny Gomella, Kenny Brownstein, Larry Goldstein, and Frank D'Elia

VELIA EMILIOZZI, RESEARCH FELLOW IN DR. MORRIONE'S LAB

Dr. Morrione is pleased in welcoming Velia Emiliozzi to the Department of Urology. Velia received her undergraduate degree in Biology from the University of Rome and recently obtained a Masters degree in Bioinformatics. Before arriving at Thomas Jefferson University, Velia's research experience was in the Department of Molecular Oncology at the Istituto Regina Elena in Rome. Velia joins Dr. Morrione's laboratory as a research fellow to study proepithelin signaling in bladder cancer and Grb10-regulation of IGF-IR trafficking.

Velia Emiliozzi, MS



2005 HOLIDAY LUNCHEON



The Department of Urology hosted a holiday luncheon at Our Clinical office on December 17th. Approximately 65 individuals attended the party. The Staff was most grateful for the "Gift of Holiday Candle Scents" from the physicians. Also the staff was treated to an online gift certificate to the vendor of their choice. A wonderful time was had by all.

DATES TO REMEMBER IN 2006

- External Scientific Advisory Board, **March 1-2**
- Resident's Night Competition, **March 27, 4 pm**
Philadelphia College of Physicians
19 S. 22nd St. Philadelphia, PA
- GU Multi Center Celebration Symposium, **April 6, PM**
- Mid Atlantic Abstract Due Date **April 7**
- AUA Annual Meeting, **May 20-25**
Atlanta GA
- David M. Davis Visiting Professor
Dr. Gerry Andriole, **June 1-2**

In Memoriam

Howard Mazer, M.D.

1926-2006

Urologist, JMC Alumnus

Founder of Delaware Valley

Stroke Council



Visit our web site to get the latest information on the Department meetings and academic programs.
<http://www.jefferson.edu/urology/>



TRAVELIN DOCS

November 8	A. Morrione	Invited Speaker, Grb10 regulates ligand-induced ubiquitination and internalization of the IGF-1 Receptor", IFOM Institute for Molecular Oncology, Milan, Italy
November 10	A. Morrione	Invited Speaker, "The Role of IGF System in Cancer", IGF Receptor in Cancer Research International Meeting, Taormina-Catania, Italy
December 16	R. Baffa	Invited Speaker "Molecular pathology of Barrett's esophagus". G.I.S.U.-E.B.R.A. Meeting; University of Padova, Italy
January 6-7	E.J. Trabulsi C.D.Lallas	Pacific Rim Robotics Conference, Los Angeles, CA
January 12-13	L.G. Gomella	Hexvix Protocol Investigators' Meeting, Atlanta, Georgia
January 16	L.G. Gomella	Guest Speaker, "The Multimodality Approach to Prostate Cancer", Cincinnati Urologic Society, Cincinnati, Ohio
January 18	P.J. Shenot	GlaxoSmithKline Investigators' Meeting, "GW679769 as an effective treatment in patients with overactive bladder symptoms and to utilize the neurometer in evaluating the condition of overactive bladder patients, Atlanta, Georgia
January 18-22	A. Morrione	AACR Ubiquitin and Cancer Meeting, Poster - "Grb10-mediated recruitment of Nedd4 and Eps15 to the IGF-IR regulates receptor ubiquitination and internalization", Orlando, Florida
January 20-21	L.G. Gomella	Urology Chairman, GU Committee Meeting, Radiation Therapy Oncology Group (RTOG), Miami, Florida

PROSTATRON DEACTIVATION

Room 14 Prostatron has been deactivated by the hospital. The Unit has served the Department and the University well by allowing us to be the first in the Delaware Valley to offer microwave thermotherapy for patients with BPH. The smaller based office units such as the thermotherapy units available at 833 and the Indigo laser in South Philly are now the state of the art preferred units.

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