



## Brooks Jackson Named Interim Director of Pathology

**D**r. Fred Sanfilippo accepted the position of Sr. Vice President for Health Sciences and Dean, College of Medicine and Public Health at Ohio State University effective September 1, 2000. While we were sorry to see him go, this is a great opportunity for him. From all reports, he is thoroughly enjoying the challenges facing him at Ohio State.



Photo by Zuhair Kareem

J. Brooks Jackson (left) and Fred Sanfilippo (right)

In the meanwhile, we are all pleased that J. Brooks Jackson, M.D., M.B.A., has been named Interim Director of the Department and Pathologist-in-Chief of the Hospital. Dr. Jackson was recruited by Dr. Sanfilippo in 1996 from Case Western Reserve University as Professor and Deputy Director for Clinical Affairs. Dr. Jackson was Director of Clinical Pathology, Institute of Pathology at University Hospitals of Cleveland from 1989-1996. He received a B.A. in History from Kenyon College, Gambier, Ohio, an M.B.A. from the Amos Tuck School of Business Administration at Dartmouth College, followed by an M.D. from Dartmouth Medical School. He trained in Clinical Pathology and Transfusion Medicine at the University of Minnesota Hospitals in the Department of Laboratory Medicine and Path-

ology. Dr. Jackson's research focuses on prevention, diagnosis and treatment of HIV infection. He currently runs several successful clinical trials and operates research laboratories in Baltimore, Uganda, and China. Recently, he reported that oral nevirapine can significantly reduce infant maternal transmission of HIV (Lancet 1999; 354:803-809)

A search committee has been named by Dean Miller to identify and recommend candidates for a new director. The process is well underway and involves seminar presentations by the candidates, meetings with senior leadership of the School and the Department, and the involvement of the majority of the faculty when a "short-list" is identified. It is anticipated that a candidate will be named this Spring. ■

## Division in Highlight: Gastrointestinal/Liver Pathology

**T**he Division of Gastrointestinal/Liver Pathology was one of the first and is perhaps the longest standing Gastrointestinal/Liver Pathology Division in the country. The Division has an extraordinarily rich history of creative research, diagnostic excellence, and quality fellow, resident and medical student education. In many ways, the Division is a microcosm of the breadth and depth of excellence in the broader Department.

The **history** of the Division encompasses the long careers of Drs. Yardley and Boitnott at Johns Hopkins. Dr. Yardley's GI interests began with collaborative studies on inflammatory bowel disease with Drs. Tom Hendrix and Ted Bayless and ultimately grew into a formal fellowship training program, which has trained 22 fellows since 1963. Dr. Boitnott's interest in liver began during his housestaff training with a summer spent with Dr. Jerry Klatskin at Yale,

followed by collaborations at Hopkins with Drs. Frank Iber, Willis Maddrey and Frank Herlong.

**Currently**, there are eleven faculty members with a primary appointment in the Division and three additional faculty members with secondary appointments. The Division is headed by Dr. Ralph Hruban, who is also one of the Vice-Chairs of the Department. Other members of the Division include Drs. John Yardley, John Boitnott, Belur Bhagavan, James Eshleman, Elizabeth Montgomery, Tsung-Teh Wu, Susan Abraham, Michael Goggins, Gloria Su, and our newest faculty member, Robb Wilentz. Faculty with a secondary appointment in the Division include Drs. Bert Vogelstein, Scott Kern, and Elizabeth Jaffee.

The **research** interests of the Division are broad, however, they primarily focus on gastrointestinal malignancies. The research labo-

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## Director's Corner

J. Brooks Jackson

**I**t gives me great pleasure to reactivate the PathWays Newsletter. As our Department continues to grow, communication becomes increasingly more important yet more difficult as we are spread ever wider, not just on campus, but around the globe. I strongly encourage Pathology faculty, housestaff, students, and staff at all of our sites to contribute to this Newsletter.

This past year has obviously been one of transition with Dr. Sanfilippo's departure, but I want to assure everyone in Pathology that we are doing well by almost any measure. Our clinical services continue to grow with the addition of new assays and our expansion to the White Marsh Clinic this past year. Laboratory

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## Director's Corner

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testing volume and pro fee billing are at an all time high, and we are expecting to meet or improve on our budgeted revenues and expenses for the Hospital and Clinical Practice Association this year. Our medical consultation services and international research and training projects have also expanded significantly this year with projects in Abu Dhabi, Brazil, Dubai, Singapore, China, Uganda, and Saudi Arabia. These projects are not only financially attractive for the Department, but also offer a number of opportunities for research and teaching. This past year Congress and NIH in particular have set aside significant sums of funding for international research and training grants. I encourage interested faculty to take advantage of these opportunities using the infrastructure and relationships we are developing at these sites.

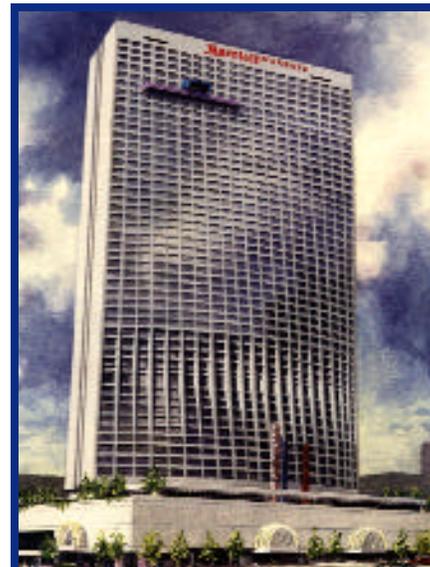
At the same time, we have seen continued success in our educational mission. The quality of the applicants applying to our Residency Training Program and Pathobiology Graduate Student Program has never been better. We are planning to accept 7 residents in the match program this year bringing the total to 31 residents in our 4-year program for next year. In the Pathobiology Graduate Student Program we are planning to accept 4 graduate students which will bring our total to 12. The second year medical school course will be infused with a significant technology upgrade in the next year, and the popularity of our elective preceptorship for medical students has never been higher. We are also adding fellowship slots in the areas of hematopathology, genito-urinary pathology, and renal pathology funded in large part by philanthropic gifts and increased outside consultation fees. The popularity of our CME activities continues to grow as evidenced by an all time attendance high at the annual JHU G-2 workshop this past Fall, and we are expecting an even greater number of registrants at the cytopathology, surgical pathology, and laboratory medicine courses this Spring. Corporate support for our web-based education-

al activities has also increased significantly this past year, providing multiple opportunities for faculty to develop innovative teaching programs.

On the research side of our department, I am especially proud to report that our NIH funding for the government fiscal year 2000 (Oct 99-Sept 00) increased 54% from \$13,298,277 to \$20,487,391 from the year before. Although the NIH has not yet released the national rankings of Pathology Departments in terms of NIH funding, I expect that we will move up in the national ranking from a ranking of 5th the year before. The number of different Pathology faculty as Principal Investigators of NIH grants and contracts has also increased from 27 to 31 this past year indicating the growing breadth and depth of the Department. With the NIH budget expected to double over the next several years and the strong economic growth in the biotech/pharmaceutical industry, we can expect major opportunities for our faculty, fellows, and graduate students. Corporate sponsored research for our department will be approximately \$3 million this year with an additional \$350,000 in support from licensing fees and royalties.

The biggest challenge we face is acquiring the needed space to carry out these activities. Over the next several years the institution has plans to greatly expand the campus in terms of land, hospital buildings, research facilities, and parking garages. However, in the short term, space will be very tight. Therefore, it will be necessary to utilize space on off shifts as much as possible, share space where feasible, and consider offsite space for suitable projects. Hopefully, we will acquire some space immediately with the selection of a new Department Director.

In the meantime, I think that we truly do have the best Pathology Department in the country and that we will continue to have an increasingly greater impact in research, teaching, and patient care in our field. ■



You are invited to join us at the  
Johns Hopkins Pathology  
**Alumni Reception**  
at the USCAP Meeting

Monday, March 5th  
5:30 pm - 7:30 pm  
Consulate Room  
Atlanta Marriott Marquis  
265 Peachtree Center Avenue  
Atlanta, Georgia

## Annual Employee Appreciation Day

The Annual Employee Appreciation Day (date to be announced) will be held in conjunction with Lab Week this year. Please join the Department of Pathology at The Maryland Science Center for an evening of discovery. This will be a catered event for employees and their immediate families in recognition of a tremendous year. Special amenities will include the Davis Planetarium, the Boyd Theater, home of the laser light show, and an evening of music and dancing. More details to follow. ■



*The Maryland Science Center*

## Division in Highlight: Gastrointestinal/Liver Pathology

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laboratories of Drs. Hruban, Goggins, Su, Kern, and Jaffee are focused on the pathobiology of pancreatic cancer. Dr. Hruban studies familial pancreatic cancer (he founded the National Familial Pancreas Tumor Registry) and the precursors to invasive pancreatic cancer. Dr. Hruban will be awarded the Young Investigator Award at the March meeting of the United States and Canadian Academy of Pathology for this work. Dr. Goggins is a gastroenterologist by training. His efforts are directed toward developing an early detection test for pancreatic cancer. Dr. Su is developing new animal models of pancreatic cancer. Using "conditional knock-out" technology, she will recreate the molecular genetic alterations identified in human cancers in a mouse model. These laboratories are generously supported by the family and friends of Michael Rolfe (see page 6). All three investigators collaborate extensively with Drs. Scott Kern, Elizabeth Jaffee, and Johan Offerhaus. Scott has made most of the fundamental genetic discoveries in the field of pancreatic cancer, including the discovery of the DPC4 gene and Liz has developed a novel vaccine to treat pancreatic cancer. Johan has been a long-term participant in the Bowel Tumor Working Group at Johns Hopkins and he has organized numerous scientific collaborations and fellow exchanges between the group at Hopkins and the GI pathology group in Amsterdam.

Drs. Eshleman and Montgomery study colorectal neoplasia. Dr. Eshleman's laboratory is investigating the role of defects in DNA repair in



Photo by Jim Durham

Gloria Su

colon carcinogenesis. He is also involved in translational research in the molecular diagnostics laboratory and is an active member of the Bowel Tumor Working Group. Dr. Montgomery collaborates extensively with Dr. Bert Vogelstein providing much needed collaborative expertise in the pathology of the tumors studied in the Vogelstein laboratory. Our colorectal neoplasia group will be expanded in July with the addition of Dr. Robb Wilentz. Robb was an extraordinarily productive resident in our program. He will join the faculty in July and study the molecular genetic basis of dysplasia in patients with inflammatory bowel disease.

Drs. Susan Abraham and Tsung-Teh Wu form an active collaboration studying the genetic alterations in gastric and esophageal neoplasms, including fundic gland polyps of the stomach and adenocarcinomas arising in the setting of Barrett's esophagus. In addition, Dr. Abraham is currently collaborating with Dr. Scott Kern on his studies of the molecular genetics of pancreatic neoplasia.

The Division's three senior members partic-

ipate in a variety of clinical pathologic correlation research projects. Dr. John Yardley is revising a popular teaching series with Dr. Hendrix for the American Gastrointestinal Association. Dr. John Boitnott, as always, provides a breadth and depth of expertise in liver pathology as well as avuncular wisdom and advice, and Dr. Belur Bhagavan has a broad range of interests, but focuses his efforts on pediatric GI pathology.

Under the leadership of Dr. Montgomery, the **diagnostic** service continues to grow. Last year, members of the Division examined biopsies from over 7,500 patients. Difficult cases are reviewed at a weekly diagnostic GI pathology conference and interesting cases are often presented on the Web through the Surgical Pathology Web site (<http://pathology2.jhu.edu/sp>).



Photo by Jim Durham

Antony Parker and Jim Eshleman

**Teaching** has always been the cornerstone of Divisional activities. Numerous research fellowships are offered, as well as a two-year combined clinical-research fellowship. The latter fellowship provides a unique opportunity for fellows to become world-class diagnosticians and researchers. This fellowship program was formally started in 1983 with crucial support from the Meyerhoff Fund (Harvey & Lyn Myerhoff) and the Clayton Fund (Ben & Julia Clayton Baker). The quality of this program can be seen in our current applicant pool (we typically have between 10-20 applicants for each fellowship position) and by the numerous awards the fellows have received from the Gastrointestinal Pathology Society and at the Department's Annual Young Investigator Day. The long-term vitality of this combined fellowship is now assured with the creation of the John Yardley



Photo by Mike McElwaine

left to right, Michael Goggins, Ralph Hruban, TT Wu, Susan Abraham, Jack Yardley, Elizabeth Montgomery, Michael Torbenson and Belur Bhagavan.

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## Department of Pathology New Residents, 2000-2001

### Rene Galindo, M.D., Ph.D.

Rene is the next generation of pathologists to join us from Southwestern in Texas. Prior to his M.D., he received his Ph.D. in the Genetics and Development Graduate Program at Southwestern. His undergraduate degree is from St. Mary's University in San Antonio. Rene has an avid interest in cinema and also enjoys tennis, golf, and skiing. More recently, he has begun pursuing photography as a hobby.



### Kimmo Hatanpää, M.D., Ph.D.



Kimmo received his medical degree at the University of Tampere, Finland. He continued at Tampere Medical School and received his Ph.D. studying neuronal dysfunction and Alzheimer's

Disease. For much of his graduate study, Kimmo was a Fogarty Visiting Fellow at NIH and during his last year was the Chief of the Molecular Neuropathology Unit. Following his Ph.D., he did two years of residency in anatomic pathology at Yale University School of Medicine and joins us to complete his AP/NP training.

### Lori Iaconis, M.D.

Lori received her undergraduate degree from Indiana University of Pennsylvania and her M.D. degree from Howard University College of Medicine in Washington, DC. She completed summer Medical Student Fellowship



in Pathology in Providence Hospital in Washington, DC. Lori participated in volunteer healthcare programs providing gynecologic care, childhood vaccinations and organizing adult health fairs. Her interests outside pathology include running.

### Walter Klein, M.D.



Walter comes to Baltimore from Philadelphia where he earned his M.D. at the University of Pennsylvania. He studied chemistry as an undergraduate at the University of Pittsburgh

as well as spending a year of college in England at the University of Sussex. He has been involved in oncogene research and in the search for a tumor suppressor gene on the short arm of chromosome 9. Walter has participated in intramural basketball and soccer.

### Saeid Movahedi-Lankarani, M.D.

Saeid completed his B.Sc. degree in Microbiology, and Molecular and Cellular Biology at the University of Arizona. He received his M.D. degree from Oregon Health Sciences University, where he also completed a post-sophomore fellowship in pathology.

During medical school, he was involved in tutoring junior medical students and acted as an instructor in a program for minority elementary school children. He enjoys ancient Near Eastern history and archeology, basketball, coin collecting and blues music.



### Robert Law, M.D.

Robert received his B.Sc. degree in Biology and Chemistry and subsequently his M.D. degree from the University of Alabama at Birmingham. His research experience includes investigating the role of phosphorylation in functional regulation of GABA uptake, studying signal transduction pathways in endothelial cells and the examination of nervous/immune system interactions. Robert is interested in neurosciences.



### Eric Lee Powell, M.D.



Eric completed his undergraduate degree at Indiana University in Indianapolis and his M.D. degree at Indiana University School of Medicine. In his thesis he studied the identification of antigens of free-living parasitic amoebae by protein immunoblotting.

He spent several months in Senegal with the Peace Corps as a community health consultant, where he took part in projects such as oral rehydration therapy, pediatric vaccination and malaria prevention. He is joining the program with interest in molecular diagnostics.

### Greg Seidel, M.D.

As an undergraduate, Greg studied Psychobiology at Tulane. From there, he went to medical school at the Medical College of Ohio. During the last year, he has been investigating low hemoglobin A1c in patients with uncontrolled type I diabetes and renal insufficiency during pregnancy. Besides being trained as an EMT, Greg plays volleyball, enjoys running and backpacking, and is a music enthusiast.



**Sharon Swierczynski, MD., Ph.D.**

Sharon is a survivor of the Johns Hopkins School of Medicine and the second year Pathology course. Prior to coming to Hopkins, she earned her Ph.D. in

Biochemistry at Duke and an undergraduate degree in Chemistry at Juniata College in Pennsylvania. Sharon has investigated glycogen metabolism and voltage-dependent sodium channels. In her spare time, she likes to play the piano, hike and enjoys baking.

## Division in Highlight: Gastrointestinal/Liver Pathology

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Fellowship in Gastrointestinal Pathology. We thank all of you who have honored the contributions of Dr. Yardley by supporting the creation of this fellowship.

Divisional teaching activities extend beyond the fellowship programs and recently have included a number of Web-based initiatives. As described in greater detail on page 11, the Division hosts a number of disease-specific Web pages including popular pages on Barrett's esophagus (<http://pathology2.jhu.edu/Barrett>), on gallbladder and bile duct tumors (<http://pathology2.jhu.edu/gbbd>), on colorectal malignancies (<http://pathology.jhu.edu/colon>) and on pancreatic cancer (<http://pathology.jhu.edu/pancreas>).

The Division also participates in national CME activities, including hosting the Annual Lustgarten Meeting for pancreatic cancer research (to be held June 13 & 14, 2001) and, beginning in Fall, the Division will be offering a diagnostic gastrointestinal pathology course.

The Division also participates in medical student education. The Gastrointestinal/Liver section of the Second Year Pathology Course lasts approximately two weeks and it has proven popular with the students. In the last 5 years,

## Faculty Changes

### New Faculty

#### FY 2000-2001

Belur S. Bhagavan, M.D.	Associate Professor	GI/Liver Pathology
E. Rene Rodriguez, M.D.	Associate Professor	Cardiopulmonary Path
Rubin M. Tuder, M.D.	Associate Professor	Cardiopulmonary Path
Patricia M. Alli, M.D.	Instructor	Cytopathology
Anbazhagan Ramaswamy, M.D., Ph.D.	Instructor	Molecular Pathology
Ie Ming Shih, M.D., Ph.D.	Instructor	Gyn Pathology
Gloria H. Su, Ph.D.	Instructor	GI/Liver Pathology
Edward G. Weir, M.D.	Instructor	Hematology

#### FY 2001-2002

Charles G. Eberhart, M.D.	Instructor	Neuropathology
Robb E. Wilentz, M.D.	Instructor	GI/Liver Pathology

### Departures

Fred Sanfilippo, M.D., Ph.D.	Baxley Professor & Director	Sr. Vice President for Health Sciences and Dean, College of Medicine & Public Health Ohio State University Medical Director Clinical Chemistry Baystate Medical Center Springfield, MA
James H. Nichols, Ph.D.	Assistant Professor	

### Promotions

Edward F. McCarthy, Jr., M.D.	Professor	Bone Pathology
Susan H. Eshleman, M.D., Ph.D.	Associate Professor	Transfusion Medicine
Laura A. Guay, M.D.	Associate Professor	Microbiology
Walter E. Kaufmann, M.D.	Associate Professor	Neuropathology
Brigitte M. Ronnett, M.D.	Associate Professor	Gyn Pathology
Scheherazade Sadegh-Nasseri, Ph.D.	Associate Professor	Immunology
Philip C. Y. Wong, Ph.D.	Associate Professor	Neuropathology
Susan C. Abraham, M.D.	Assistant Professor	GI/Liver Pathology
Karin D. Berg, M.D.	Assistant Professor	Molecular Pathology
Zhiping Qian, M.D.	Instructor	Immunology

members of the GI/Liver Division have received four teaching awards from the Medical School including the Professor's Award, the W. Barry Wood Award, and the Excellence in Teaching Award (twice).

There is much more going on in the Division, but we hope we have given you a sense of the breadth and depth of the research, patient care and educational activities in the Division. ■



Michael Goggins

Photo by Jim Durham

## Private Giving Makes a Difference

The family and friends of Michael Rolfe have turned their terrible loss into something wonderful. With vision, dedication, and hard work, the Michael Rolfe Research Foundation has raised over \$290,000 for pancreatic cancer research at Johns Hopkins. The generous support of the Foundation has led to the creation of a new laboratory for pancreatic cancer research in the Department of Pathology. This laboratory will be headed by Dr. Gloria Su and will be dedicated to developing a much-needed mouse model of pancreatic cancer. At the same time, the Michael Rolfe Research Foundation has had the vision to establish an endowment. The interest income from this endowment will be used to support a laboratory in this Department dedicated to developing an early detection test for pancreatic cancer. Just as there is a PSA test for prostate cancer, so too is this laboratory

dedicated to developing a test for the early detection of pancreatic cancer.

On November 30, 2000, Judy Rolfe, Lisa Rolfe Burik, James Rolfe, and Hazel Herzog visited our Department and presented the pancreatic cancer researchers with a check for \$100,000. This check represents the income from the 1st Annual Michael Rolfe Research Foundation Gala that was held in Highland Park, Illinois in August. A photograph of their visit to Hopkins which included the dedication of a plaque in honor of Michael Rolfe is shown above. Details about Michael Rolfe and the Michael Rolfe Research Foundation can be found elsewhere on this Web site



Hazel Herzog, Mike Goggins, Gloria Su, Ralph Hruban, Judy Rolfe, Lisa Rolfe Burik, Jim Rolfe

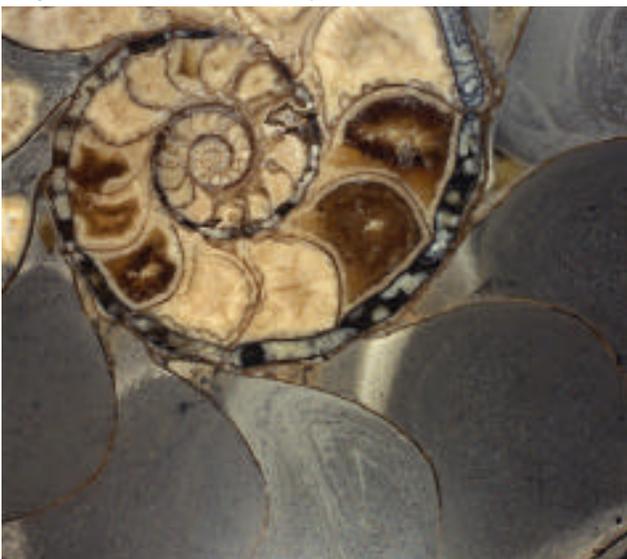
Photo by Mike McElwaine

(<http://pathology2.jhu.edu/pancreas/mrolfe.htm>).

The generous support of the Michael Rolfe Research Foundation exemplifies how private donations can honor loved ones and, at the same time, have a significant impact on the Department's research efforts. ■

## Ancient Microworlds The Book Goes on Tour Giraud Foster & Norm Barker

With a collaborative effort of over ten years Giraud Foster and Norman Barker have just published a book entitled *Ancient Microworlds*. When viewing fossils under high magnification their intricate beauty is revealed.



Ammonite x5 Devonian, Morocco

This cross section of an ammonite has been polished to show the internal chambers and the minerals deposited within.

What soon becomes apparent is the mineral components of some specimens are exceedingly colorful, and when light is diffracted by internal structures, other worldly images are formed. In the tragic beauty of life forms long extinct there is also a foreboding reminder of life's precariousness and our own fragility. With high magnification and light refraction, recurring patterns and saturated mineral pigments are abstracted. Secret worlds are revealed, with

misty pools, gem encrustations and fractured rainbows. In a photo essay of beautiful fossils from around the world, they have produced a true union of Art and Science that is a reminder that extinction is part of life.

Printed in Italy and published by Custom & Limited Editions (ISBN: 1-881529-65-7), *Ancient Microworlds* contains photographs of stunning fossils from all over the world. The book is available from Johns Hopkins Medical Bookstore. Along with the new

book, there is a traveling exhibit of sixty-six photographs that will be on display at Natural History, Science Museums and Galleries around the country. In May the Exhibit will be at The American Museum of Natural History in New York. Over the next four years the work will be exhibited in fifteen different cities. Come and enjoy a small show of the work on the first floor of Pathology in the Hall Gallery.

### The Artists

Giraud Foster is a retired physician, biochemist and archeologist who has used photography in all his professions. He has pioneered image production using radiant energy. He has also had several one-man exhibits and is currently working on a book that includes the sights and sounds of New Guinea.

Norm Barker is a graduate of The Maryland Institute of Art and The Johns Hopkins University. He is an Assistant Professor of Pathology and Art as Applied to Medicine at The Johns Hopkins University Medical School. His scientific images have won many awards and his photographs appear in journals and textbooks worldwide. ■

## New Grants and Contracts Awarded to Pathology Faculty

<u>FACULTY MEMBER</u>	<u>AWARD TYPE</u>	<u>AGENCY</u>	<u>DATES</u>	<u>TOTAL FUNDING</u>
Berg, Karen	Contract	GeneLogic, Inc.	09/01/00-08/31/03	1,029,788
Borchelt, David	Grant	Hereditary Disease Fdtn.	08/01/00-07/31/01	56,000
Borchelt, David	Grant	Huntington's Disease Soc.	10/01/00-09/30/01	89,410
Borowitz, Michael	Fellowship	Sysmex, Inc.	07/01/00-06/30/01	50,000
Burger, Peter	Grant	Children's Cancer Fdtn.	10/01/00-09/30/01	61,957
Cai, Huaibin	Grant	Adler Foundation	07/01/00-06/30/01	35,000
Caturegli, Patrizio	R01 Grant	NIH/NIDDK	03/01/00-02/28/04	904,215
Chan, Daniel	Contract	Ciphergen	12/01/00-11/30/05	4,308,862
Demarzo, Angelo	SPORE supplement	NIH/NCI	06/01/00-05/31/01	529,222
Demarzo, Angelo	Grant	CapCure	01/01/01-12/31/01	100,000
Demarzo, Angelo	Grant	Charlotte Geyer Fdtn.	12/01/00/11/30/01	50,000
Department	Fellowship	Quest	07/01/00-06/30/01	50,000
Dumler, Steve	R01 Grant	NIH/NIAID	09/01/00-08/31/04	945,221
Eberhart, Charles	Grant	Childhood Brain Tumor Fdtn.	07/01/00-06/30/01	23,602
Eberhart, Charles	Grant	The Brain Tumor Society	10/01/00-09/30/01	48,744
Eberhart, Charles	Grant	Howard Hughes Medical Inst.	09/01/00-08/31/03	270,000
Goggins, Michael	Grant	Natl. Pancreas Fdtn.	07/01/00-06/30/01	59,392
Griffin, Constance	U24 Grant	NIH/NCI	08/01/00-07/31/03	2,564,827
Guay, Laura	U01 Grant	NIH/NIAID	07/01/00-06/30/05	10,487,603
Haas, Mark	Inst. Grant	JHU/CTC	07/01/00-06/30/01	4,800
Jackson, Brooks	U01 Grant	NIH/NIAID	03/01/00-02/28/05	9,589,335
Jackson, Brooks	Grant	Pediatric AIDS Foundation	03/01/00-02/28/01	100,000
Jackson, Brooks	U01 Grant	NIH/NIAID	07/01/00-06/30/05	4,090,100
Jackson, Brooks	Grant	World AIDS Foundation	09/01/00-08/31/01	100,000
Jackson, Brooks	Contract	Gen-Probe, Inc.	06/05/00-01/31/01	175,083
Jackson, Brooks	Contract	NIH/NIAID	01/01/00-12/31/04	1,402,954
Koliatsos, Vassilis	R01 Grant	NIH/NIA	04/01/00-03/31/05	1,729,387
Koliatsos, Vassilis	Inst. Grant	JH Center for ALS Research	08/01/00-07/31/01	104,300
Kuhajda, Frank	Contract	FasGen, Inc.	12/01/00-11/30/02	1,600,000
Kuhajda, Frank	R01 Grant	NIH/NCI	07/01/00-06/30/04	1,178,100
Lyons, Ernest	Inst. Grant	JH Center for ALS Research	08/01/00-07/31/01	75,000
Martin, Lee	R01 Grant	NIH/NIA	03/01/00-02/28/04	1,014,596
Ness, Paul	Contract	American Red Cross	04/01/00-03/31/01	66,999
Perlman, Elizabeth	Grant	Amer. Cancer Society	01/01/01-12/31/02	250,000
Perlman, Elizabeth	Grant	Children's Cancer Fdtn.	10/01/00-09/30/01	79,513
Ramaswamy, Anbazhagan	Grant	US Army	09/01/00-8/31/01	81,950
Roden, Richard	Grant	Cancer Reseach Inst.	07/01/00-06/30/03	295,188
Roden, Richard	Grant	Cancer Reseach Fdtn.	07/15/00-07/14/02	60,000
Sadegh-Nasser, S.	Grant	US Army	08/14/00-8/13/03	732,547
Shih, Ie-Ming	Grant	Amer. Cancer Society	07/01/00-06/30/01	20,000
Su, Gloria	Inst. Grant	JHU/IRGP	12/01/00-11/30/01	19,998
Su, Gloria	Grant	Amer. Cancer Society	07/01/00-06/30/01	20,000
Wasowska, Barbara	R01 Grant	NIH/NHLBI	07/01/00-06/30/04	1,309,000
Wong, Phil	R01 Grant	NIH/NINDS	04/01/00-03/31/05	1,431,720
Wong, Phil	Inst. Grant	JH Center for ALS Research	08/01/00-07/31/01	81,000
Wu, T.C.	P01 Grant	NIH/NIAID	07/01/00-06/30/04	2,901,867

## FUNDING OUR FUTURE

Despite the wonderful impact the Department of Pathology has had over the last century, we have a woefully inadequate endowment. Over the past two years, with your help, we have taken several large steps to correct this inadequacy. We have done this with two goals in mind. First, we wanted to honor extraordinary faculty members who have not only touched our lives but who have also had a significant impact on their fields. Second, we have tried to focus on helping our talented young trainees - the future of pathology. Over the past two years we have launched four campaigns. We want to inform you of these exciting efforts, to thank all of you who have contributed and to encourage those of you who haven't yet contributed to please consider making a pledge.

### The Joseph C. Eggleston Fund in Surgical Pathology

The Joseph C. Eggleston Fund in Surgical Pathology was only recently launched (December 2000) with an anchor gift from Sylvia Eggleston-Wehr. This fund honors Joseph C. Eggleston, M.D. '62, former Director



Joseph C. Eggleston

of Surgical Pathology and Professor of Pathology. Dr. Eggleston was an outstanding teacher whose influence was felt at every level of the medical community - students,

housestaff in pathology, physicians in training in other departments, faculty and colleagues. He was a life-long student of human disease and a wonderfully talented diagnostic pathologist. It is only fitting that we honor him by creating the Joseph C. Eggleston Fund in Surgical Pathology. The income from this endowed fund will be allocated each year to Surgical Pathology residents or junior faculty members in the division of Surgical Pathology for projects that support their career development in Surgical Pathology. These may include

research projects or other activities that support their training and careers. The fund remains open for additional gifts with the hope that it will reach a level sufficient to fund a faculty development chair or professorship in surgical pathology.

### The Yener S. Erozan Fellowship in Cytopathology

The campaign to endow the Yener S. Erozan Fellowship in Cytopathology was launched in May 2000. This fellowship honors Yener Erozan, M.D. Director Emeritus of the Cytopathology Institute and past president of the American Society of Cytopathology. The fellowship will emphasize diagnostic, teaching, and clinical research activities that are so much of Dr. Erozan's life. The income from this endowed fund will be allocated to a fellow in Cytopathology for projects that support their career development.

### The Robert H. Heptinstall Fellowship

The campaign to endow the Robert H. Heptinstall Fellowship was launched in February 1999 with an anchor gift from the Mirowski Family Foundation, Inc. This fellowship honors Robert H. Heptinstall, M.D., former Baxley Professor and Director of Pathology and author of the classic textbook, "Heptinstall's Pathology of the Kidney." As Baxley Professor and Director, Heppy led the Department from the microscope age into the modern molecular age, and, importantly, he served as a mentor to over 200 residents and fellows. The Robert H. Heptinstall Fellowship is designed to promote the research activities or clinical training of outstanding young pathologists pursuing careers in research.

### The John H. Yardley Fellowship in Gastrointestinal Pathology

The campaign to endow the John H. Yardley Fellowship in Gastrointestinal Pathology was launched in April 1999 and honors John H. Yardley, M.D. former Baxley Professor and Director of Pathology. Dr. Yardley's legacy is perhaps best expressed in his teaching of fellows. Over the years, he has instilled in his fellows a lifetime love of research, patient care, and teaching. The John H. Yardley Fellowship was designed to promote the research activities and/or clinical training of promising pathologists pursuing advanced training in the field of gastrointestinal disease in the Department. Even more importantly, his fellowship program fosters intellectual curiosity, creating leaders who have pushed the specialty of gastrointestinal pathology to new heights. This fellowship is now almost fully endowed and we are pleased to announce that the first recipient of this fellowship is a talented young pathologist with a strong interest in liver disease, Dr. Michael Torbenson.

All of these campaigns remain open, but with your help they will be fully endowed. Please contact Jennifer Galford at 410-955-2163 or [jgalfor@jhmi.edu](mailto:jgalfor@jhmi.edu) for additional information or you may send your tax-deductible contribution payable to The Johns Hopkins University.

Mail to:

attn: Mabel P. Smith  
Department of Pathology  
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Thanks to all of you that have made this support a reality for our young pathologists. ■



## FACULTY ACTIVITIES

**Laura Barisoni, M.D.**, who trained at Columbia, has joined the Department as a junior faculty member, working on the renal biopsy service, and pursuing research interests at the NIH.

**Jonathan Epstein, M.D.**, gave the Norman K. Probstin Radiation Oncology Lecture at the Washington University School of Medicine in St. Louis, Missouri, in November 2000.

**Mark Haas, M.D., Ph.D.**, was an invited faculty participant at the 2000 National Kidney Foundation Clinical Meetings in Atlanta, where he chaired an interactive session on renal biopsy pathology and presented a talk at a symposium entitled "What's new in glomerulonephritis". He will serve as co-chair of the Renal Pathology Society symposium on amyloidosis at the 2001 American Society of Nephrology meeting in San Francisco. His paper, "Etiologies and outcome of acute renal insufficiency in older adults: a renal study biopsy of 259 cases," published in the March 2000 American Journal of Kidney Diseases, was the subject of a highly favorable editorial in that journal.

**Ralph Hruban, M.D.**, has been selected by the Executive Committee of the United States and Canadian Academy of Pathology as the recipient of the 2001 Young Investigator Award. This singular honor consists of a plaque and a monetary award. Dr. Hruban, who is Director of the Division of Gastrointestinal/Liver Pathology, has focused his investigative efforts on pancreatic neoplasia. Dr. Hruban has used molecular discoveries to develop new tools to aid in the diagnosis of pancreatic cancer. For his research work in the pathology of pancreatic cancer, for his excellence as a teacher, for his participation in the development of a progression model of pancreatic neoplasia and for his outstanding contributions to pancreatic cancer advocacy, Dr. Hruban is presented with the Young Investigator Award.

**Brooks Jackson, M.D.**, gave the Reynolds Historical Lecture at the University of Alabama School of Medicine in Birmingham, Alabama, on February 9, 2001. Dr. Jackson is one of three honorees from Johns Hopkins to have been asked to give this lecture in the past 22 years. The other

two past honorees are Dr. Victor McKusick and Dr. Donald Henderson.

**Lorraine Racusen, M.D.**, is co-organizing the Sixth Banff symposium on The Pathology of Solid Organ Transplantation, to be held in Banff, Canada, in April 2001. She will also be giving invited presentations at the USCAP meetings in March, at the American Society of Transplant Physicians annual meeting in May, and the ASTP Fellows Symposium in July. At the USCAP meeting, she will join Dr. Surya Seshan from Cornell Medical Center in presenting a short course on glomerular diseases.

**Noel Rose, M.D., Ph.D.**, was elected an Honorary Member of the American Society for Microbiology which is "the highest recognition within the power of the Council and Members." Dr. Rose was also elected Chairman of the American Board of Medical Laboratory Immunology.

**Dorothy Rosenthal, M.D.**, has been elected president of the American Society of Cytopathology for 2000-2001. ■

### Raymond (Pete) Lund, Associate Professor of Pathology, will be Retiring June 30, 2001

As Director of the Pathology Photography Laboratory for the past thirty-three years, Mr. Lund built a self-sustaining photography and graphic arts operation that is recognized nationally and internationally for its excellence in service, technology, and training.

Pathology Photography and Graphic Arts is a full service operation in the biomedical field. Every process has been automated and or computerized to provide high quality service and cost effectiveness. This laboratory has been in the forefront of assessment and application of new methods in medical photography and graphic arts. A network has been established that allows user access to slide production services via telephone and the internet. Photomicrography has been digitized for preparation of journal illustrations, posters, and grant applications. Equipment has been

installed that allows users to make posters on their own computer and transmit them to the laboratory where 4' x 8' posters are made in one day.

Mr. Lund is the sole author on ten published, peer-reviewed papers on the subject of laboratory development and professional education in the field of biomedical photography. His computer related papers are the first in the field on computer development of a biomedical photography laboratory. The papers were published in Great Britain, Norway, Sweden, Denmark and Germany. These papers have stimulated interest in the department. Many guests from all over the world have come to see this lab in operation. Such visitors have come from Japan, German, Norway, Sweden, Denmark, Austria,



*Raymond Lund*

Photo by Fred Dubis

## Lund will be Retiring June 30, 2001

Continued from page 9

Jordan, Nigeria, South Africa, Italy, Scotland, England, Ireland Canada, Australia, and other universities in the United States.

Mr. Lund has made presentations and conducted workshops on some aspect of Pathology and Graphic Arts at all of the major Biomedical Photography meetings in the United States and Europe.

Training has been a major aspect of this operation since it opened in 1962. A two-year on-the-job training program in biomedical photography has been the mainstay of staffing for the operation. Approximately 150 students have completed the two-year program. Students are selected from colleges and universities around the country. Graduates of this program are employed at Sinai Hospital, University of Maryland, Johns Hopkins Bayview Medical Center, Franklin Square Hospital, Union Memorial Hospital, Glaxo Drug Company, Kodak, Rochester Institute of Technology School of Medical Photography, Boeing Aircraft, California Medical Conference Company, Maryland-State Police Crime Lab, the Federal Bureau of Investigation, and the

Smithsonian Institute.

Mr. Lund's teaching also extends to master's degree students in the Department of Art as Applied to Medicine.

Mr. Lund has served on the Advisory Board of the Photography Department at Dundalk Community College for fifteen years. He received the Louis Schmidt Award, the highest award given by the U. S. Biological Photographers Association for outstanding contributions to the field of biomedical photography. He was awarded the World Certificate of Merit for organizing the first World Congress in Biomedical Photography. This was the first world-wide meeting on biomedical communication.

In 1994, he received an Honorary Fellowship from the Institute of Medical Illustration, United Kingdom. Only one other person has received the award from the United States.

Mr. Lund has been a member of the Biological Photographic Association (BPA) for 30 years. He has served as chairman of most committees in the BPA, the Health Sciences Communication Association, the Association of

Biomedical Communication Directors, and the World Congress in Biomedical Photography. He was President of the Biological Photographic Association from 1993-1995.

A Board of Registry for biological photographers was established in 1963. Mr. Lund became registered in 1969 and he became Chairman of the Registry in 1973. He worked to make the registry a program that would generate qualified medical photographers. A complete oral review program and written exam was established so that it could be taken at any college or university testing center. There are currently five registered medical photographers on his staff.

In summary, Pete has made great contributions to our department, to the Medical Institutions and to the field of biomedical photography. His leadership and photography operation is considered one of the major strengths of the Department of Pathology and the Medical Institutions.

We wish to thank Pete for his outstanding contributions to the Department of Pathology and to the field of biomedical photography. Pete, we wish you a long, healthy retirement. ■

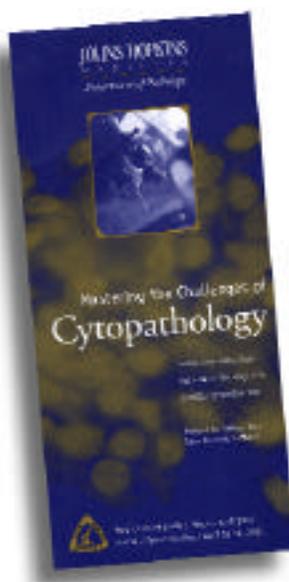
## Calendar

March 5	Johns Hopkins Pathology Alumni Reception Atlanta Marriott Marquis, Consulate Room 5:30 p.m. – 7:30 p.m. Atlanta, Georgia	June 7-9	Johns Hopkins Medical and Surgical Association Biennial Meeting Turner Auditorium, Johns Hopkins University School of Medicine, Baltimore
April 15-21	National Medical Laboratory Week	June 8	Biennial Pathology Grand Rounds Mountcastle Auditorium, Preclinical Teaching Building, Johns Hopkins University School of Medicine, Baltimore
April 26-28	Mastering the Challenges of Cytopathology Admiral Fell Inn, Baltimore	June 14	3rd Annual Lustgarten Meeting for Pancreas Cancer Research-Pancreatic Cancer: From Genes to Treatment Wood Basic Science Building, Johns Hopkins University School of Medicine, Baltimore
May 16	Pathology Young Investigators' Day Turner Auditorium, Johns Hopkins University School of Medicine, Baltimore	Nov 2-3	4th Annual Gynecologic Pathology: Approaches to Common Problems with Emphasis on New Entities and Techniques Renaissance Harborplace Hotel, Baltimore
May 16-17	Critical Issues in Laboratory Medicine Course Marriott Waterfront Hotel, Baltimore		
May 18-19	Critical Issues in Surgical Pathology Course Marriott Waterfront Hotel, Baltimore		
June 1	Pathology Awards Dinner Hotel Belvedere, Baltimore		

## Great Things Are Happening in Cytopathology

The year 2000 was quite exciting for the Division of Cytopathology! Just recently, under the direction of Dr. Douglas P. Clark, the all-new Cytopathology Website is up and running. The site offers streamlined information in the field of Cytopathology, highlighting the Division and its role in today's market. Users may log on to the site to gain information on the most recent advancements in Cytopathology at Johns Hopkins as well as information on the faculty and upcoming events. The site also advertises the many different services and courses the Division offers as well as contact information for details. In the future, a specific section of the site will offer CME credits to users interested in viewing material from the weekly Interesting Case and Radiology Pathology Correlation Conferences. Anyone interested in checking out the site should visit <http://162.129.103.53/cytopath>, and be sure to check back periodically for updates.

Drs. Syed Ali and David Steinberg have been working diligently to finish a project involving the Second Year Medical Students. Together, they have developed a state of the art teaching mechanism involving electronic modules to display images and text in the classroom setting with an LCD projector. Each of the classrooms will be equipped with the appropri-



ate materials, predicting the way teaching will be done in the future. David Steinberg, M.D. was the recipient of the Warren R. Lang Award for Best Paper by a Resident/Fellow at the American Society of Cytopathology National ASC Meeting in Philadelphia this past November for his efforts in the project.

With the participation of all the faculty and fellows, Dr. Yener Erozan is preparing a comprehensive CD-ROM on Cytopathology. A contract has

been signed with the ASCP Press, who will be producing and marketing the project. Drs. David Steinberg, Beth Allen, and Joe Kronz have been working closely with Dr. Erozan (editor) in the selection of representative slides over the last few years. Thus far, over 1200 images have been compiled through the organizational and computer efforts of the group. The final product is expected to exceed 3000 images.

This Spring, Dr. Dorothy L. Rosenthal will host the second annual "Mastering the Challenges in Cytopathology" featuring Richard DeMay, M.D. The course is available to



*Dorothy Rosenthal*

pathologists interested in clinical cytopathology. Participants are involved in a two-part program covering topics such as difficult diagnostic areas of cytopathology, new techniques to process and define challenging samples, and several other key areas of clinical cytopathology. This year's John K. Frost Lecturer is Richard DeMay, M.D., author of the popular textbook, *The Art & Science of Cytopathology*. Dr. DeMay is a Professor of Clinical Pathology at the University of Chicago. The dates of this year's course are April 26-28. For more information, contact

Shirley Long by email at [salong@jhmi.edu](mailto:salong@jhmi.edu).

Dr. Rosenthal is also the president of the ASC this year. One of the major initiatives of the Society is to promote advocacy for patients by cytopathology professionals. The impending shortage of cytotechnologists will also be a prominent focus of the ASC, with the formation of an innovative Educators Forum for the organization and the profession in general. For further information, and to read Dr. Rosenthal's President's Letter, log on to the ASC website at [www.cytopathology.org](http://www.cytopathology.org). ■

## On the Web...

The department has made a concerted effort to increase its presence on the Web. Our professional education Web sites provide educational material including great cases, and are targeted to physicians and allied health care personnel. Our disease-specific Web sites are targeted to patients and their families but also included some professional-level material.

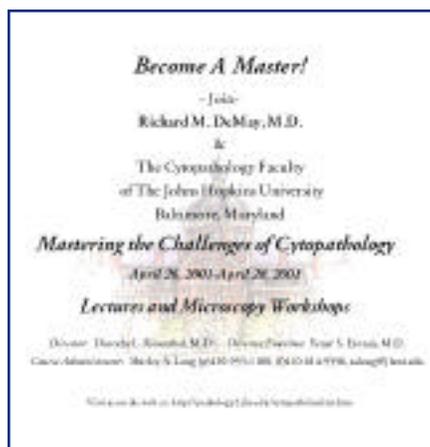
In order to support this growth we have hired a number of staff members dedicated to developing these sites. Our team now consists of 5 core individuals. . .

Coreen Byam, Web Production Coordinator  
Darlene Follin, Consultant  
Beth Hornsby, Laboratory Specialist  
Amanda Lietman, Information Resources Coordinator

Jennifer Parsons, Web Development Coordinator/Medical Illustrator

Later this year, look for a better-designed and easy-to-use Pathology Homepage (<http://pathology.jhu.edu>), audio and video of selected conferences hosted on campus, new animations and more great cases.

Department members interested in developing new departmental web sites are invited to attend the Web Development Group open meetings held every Monday at 10:00 (Carnegie 489A). Please contact Coreen Byam at 410-614-3589 if you are interested in attending a meeting.



*Mastering the Challenges in Cytopathology*

## Professional Education Web Sites

Case Studies in Clinical Flow Cytometry

<http://www.flowcases.org>

New Site! A free on-line journal. Great Cases and tools for on-line submission of interesting cases.

Cytopathology Division

<http://pathology.jhu.edu/cytopath>

New Site! Latest division news, radiology/pathology cases.

Molecular Pathology Diagnostics Laboratories

<http://pathology2.jhu.edu/molec>

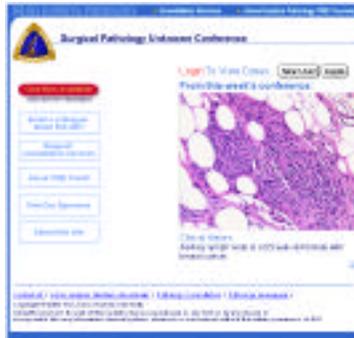
In-depth reference material for assays run in our labs, how to request consultation services and animations of selected techniques.

Surgical Pathology Unknown Case Conference

<http://pathology2.jhu.edu/sp>

A virtual version of the "unknown" conference. Accredited for 1 hour of category 1 CME credit. Updated weekly - A great site to bookmark!

*Surgical Pathology  
Unknown Case  
Conference*



## Disease-Specific Web Sites

Barrett's Esophagus

<http://pathology2.jhu.edu/beweb>

Lots of patient-oriented information plus an illustrated section on Grading Dysplasia in Barrett's Esophagus.

Gallbladder & Bile Duct Cancer

<http://pathology2.jhu.edu/gbbd>

Patient-oriented material including illustrations, glossary of terms and discussion board.

Ovarian Cancer

<http://ovariancancer.jhmi.edu>

New Site! Developed under the guidance of Sean Patrick, an ovarian cancer survivor. It contains patient oriented material as well as an overview of the ongoing research in the department.

Pancreatic Cancer

<http://pathology.jhu.edu/pancreas>

A site originally launched in 1995. It contains a very active patient discussion board (now boasting over 4,394,354 hits), Frequently Asked Questions, as well as information on the new nomenclature for classification of duct lesions.

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