

Nothing Fishy about This Research

The second-graders looking through microscopes in a Wellesley, Massachusetts, classroom probably don't realize the full significance of the inch-and-a-half-long striped tropical fish they are looking at—Leonard Zon '83, a nationally renowned researcher and the father of one of their classmates, has brought them zebrafish. What the young students are seeing is the most striking example of vertebrate embryology: zebrafish embryos are transparent and develop outside the mother's body, so that all organs, including circulating blood, are visible. A few miles to the east, in his laboratory at Children's Hospital in Boston, Zon has 100,000 zebrafish swimming around in small tanks. He uses them for his pioneering work in hematopoiesis and in cancer research.

Zon's work in developmental biology began when he isolated a new gene that was responsible for making blood cell precursors differentiate. He then used *Xenopus*, a frog, to try to understand how genes get turned on in development, with particular focus as to what would turn on the gene that he had cloned.

At about that time, genome mapping was coming to the forefront; Zon wanted to use these new tools, but *Xenopus* didn't have the genetics to prove his point. Through a remarkable series of coincidental events during the course of one week, including the discovery of mutant zebrafish with blood problems, Zon's research model became the zebrafish. Zebrafish mothers can produce 200–300 babies every week, which is a significant quantity and one that gives researchers more opportunities to find

particular genes. Zon mated 50 independent families of anemic fish to each other and found that the mutations sometimes occurred in the same gene. Based on this work, blood formation requires at least 26 genes. During the past three years, he started to isolate these genes, and a few of them turned out to be the equivalents of human genes. To date, Zon and his research staff have found two types of anemia and one form of thalassemia that are very similar to those found in humans. Says Zon, "We now have a zebrafish model of a human disease. We would find a



Matthew Orr

mutation in a gene, and the same type of mutation in humans would cause the disease. This is very exciting, because a lot of critics in the past had said that maybe zebrafish wouldn't be that similar to humans, but here we keep coming up with disease gene after disease gene."

Zon has recently isolated another new gene, which gave him a fascinating look at how iron is transported and absorbed, and which is relevant for humans of all ages. This discovery began with a mutant zebrafish that couldn't transport the iron in her yolk into the baby, so the baby developed an iron deficiency. By using genetics, and cloning the

gene, Zon found a particular transporter that brings the iron from the yolk into the embryonic fish. He went on to show that if iron was injected into this mutant it could be rescued completely, thus proving that it was an iron transporter problem. Zon then looked in the databases of the human genome and found the ortholog of this gene. "The amazing part about fish," says Zon, "is that the fish genome and the human genome line up pretty well. No one had seen this human gene before, but based on the fish mutant we knew that it would regulate iron metabolism."

Zon's group made antibodies to the human protein and found it in the placenta. He believes that this transporter, called ferroportin, shows how biochemistry has been conserved, as he says dramatically, "through 300 million years." Bringing a mother's iron to a baby is accomplished by ferroportin.

Continuing this study, Zon knew that the other place where iron is absorbed into the body is in the gut, and he realized that ferroportin must be the gene that facilitates the transport of iron from one's diet into the bloodstream. He then fed the fish an iron-replete diet, but the mutants still couldn't absorb it,

thus proving that this was ferroportin's function. "All this is very exciting," he says, "and two months ago another research group found that the mutated gene we isolated in fish is actually a human disease gene. They found families that had iron overload and found that they had mutations in their genes. It kind of completes the way you would like the story—you have the fish gene, you then get the human gene through the human genome project, find its function, and then find out it is a disease gene. It all corroborates. It's very powerful."

These discoveries have led to a refocusing of his efforts. While continuing to do some work in iron transport, he is now involved in research in stem cell biology and in cancer. Again, because the visual resolution of hematopoiesis in the zebrafish is better than in other species, Zon has been able to characterize in great depth three stem cell defects. He now has stem cell markers and can find the mutants. Now he is hoping to see whether he can clone the genes for them. "This could be extremely useful," says Zon.

His second area of focus now is to develop the zebrafish as a cancer model. "Since abnormal cell division is a characteristic of cancer," notes Zon, "we want to try to find mutant zebrafish whose cells cannot divide normally." He has now recovered eight such mutants. Zon says, "The zebrafish has actually been around for many years as a carcinogenesis model; you can add a carcinogen to the water and the fish will get tumors at a particular rate. We look at these tumors with a group of pathologists, and it's really remarkable how similar the human and fish tumors are—very very similar. We would really like to try to cure cancer using the zebrafish."

He has also recently started doing experiments using chemical genetics rather than classical

genetics. "Chemical genetics is when someone hands you a drug library—in our case we've been given 16,000 compounds—and we can add those compounds to the water to see whether they cause abnormalities in cell division in these fish. Perhaps we would be able to find drugs that actually block the cell division problem, and we might be able to use those drugs to get rid of cancer."

Zon's commitment to research and his enthusiasm for it is contagious. "At Jefferson," he says, "I worked with Jaime Caro and Allen Erslev. I really enjoyed my time with both of those investigators, and they are the ones who pushed me toward blood research." Adds Zon, "Jefferson was a great place—I also met my wife there!" His wife, Lynda Schneider '83, is the head of the Allergy and Immunology program and of the Center for Atopic Dermatitis at Children's Hospital in Boston. They have a son and a daughter, whose drawings of numerous kinds of fish are prominently displayed on the entrance door to his office.

What does Zon do in his very limited spare time? A trumpet player for 35 years, and a soloist in the Jefferson Choir orchestra, Zon is the longest-standing member of the Longwood Symphony, a full-sized orchestra comprised of medical personnel and others in the Boston area. He also has a collection of trumpets, including a few that were custom-made for him.

Tooting his own horn is reserved for sessions with the trumpet, but the affable and dynamic Zon has great expectations from his promising research. And, who knows—one of those second-graders looking through Zon's microscope might just be inspired to follow in his footsteps.

—Heather Zavod

'42

John Ranson is now living at the Cypress, a retirement community in Charlotte, NC. He wants his classmates to know he made a hole-in-one at the 11th hole at the Charlotte Country Club.

'46

Robert Nelson of Harrington Park, NJ continues as President of the Meland Foundation, which he founded 20 years ago in conjunction with his pediatrics practice. The foundation has two missions: "to give family members, free of charge, the most up to date and accurate information on medicine and health to enable them to make the wisest decisions in matters of health and well being; and to produce and distribute literature to build hope and courage in those who are ill as well as those in good health." The foundation recently produced a prizewinning children's book entitled *Hang On, Hester!* All the graphics were done by Dr. Nelson's wife Dorothy; the book was written by Wende and Harry Devlin. See the Website at www.melandfoundation.org

'48

Robert Finley is in his seventh year of "dispensing advice and knowledge" in the surgery department of the Sir Run Run Shaw Hospital in Hangzhou, China. He has many stories to share and can be emailed at rfinley1998@yahoo.com.

'50

Frank McElree of Greenville, PA still practices two days a week. He is Trustee Emeritus of Allegheny College. Brother **James '43** is still doing a full-time practice also in Greenville.

'51

Dan DeMeo of Margate, NJ is still active in orthopaedic foot and ankle surgery but has given up the ER and night calls.

Victor Greco of Drums, PA has been reelected Chairman of the Pennsylvania Delegation to the AMA. He was also named medical advisor to Congressman Kanjorski's office in Washington, DC.

Paul D. Rahter recently donated to Jefferson's Scott Memorial Library an 1891 edition of *Regional Anatomy in its Relation to Medicine and Surgery* by Dr. George McClellan, a 19th century Jefferson professor.

William Reifsnyder of Wyomissing, PA continues as Medical Director at The Highlands, Wyomissing, a non-profit joint venture continuing care retirement community.

'54

Richard Dickersin, a pathologist, is now fully retired. He and wife

Barbara have made their Jackson, NH home their permanent address but do spend the winter months in Naples, FL.

'56

J. Harold Housman of Lititz, PA is enjoying retirement after spending two years in northern Nigeria teaching Nigerian family practitioners. "They were wonderful to work with."

Wilton Kane of Tallahassee, FL is still practicing family medicine in his walk-in clinic seven days a week, but wishing for a young partner to pass on this very successful practice.

Tony Ramos-Barroso of Guaynabo, PR retired from his Ob/Gyn private practice in December 2001. He still holds a part-time teaching job at Municipal Hospital in San Juan.

'57

Stephen Herceg of Camp Hill, PA is still busy, having retained his position on the Board of Directors of Highmark, the Blue Cross/Blue Shield of western Pennsylvania.

"Hooray!" **Max Koppel** of Huntingdon Valley, PA received his MBA from Penn State's Great Valley campus in spring 2000 and his Masters of Public Health from Johns Hopkins School of Public Health in spring 2001.

John Mest and wife Eleanor are enjoying life in the mountains of western Montana. They have a big garden and do wild river canoeing on the Gallatin, Madison, Jefferson, Yellowstone and Missouri rivers. They are both downhill ski instructors for the Eaglemount program for disabled children and adults. Eleanor is into her second term as mayor of Manhattan, MT.

'58

Jay Kern of West Allenhurst, NJ retired from practice in January 2002. He is working in a free clinic doing internal medicine and gastroenterology consultations. He recently presented a workshop at the inaugural clinical conference of the National Hospice and Palliative Care Organization, the American Academy of Hospice and Palliative Medicine and the National Hospice and Palliative Care Nurses Association held in Nashville. Under his direction, Monmouth Medical Center was the first hospital in New Jersey to receive a Robert Wood Johnson Foundation grant to establish its Palliative Care Program.

Vernon Wong of Sunnyvale, CA is working in Silicon Valley with Oculex Pharmaceuticals as Chief Medical Officer. Oculex is dedicated to the prevention and therapy of blindness with its new and novel intraocular drug delivery systems.

'62

Robert Nuss of Jacksonville, FL was recently honored as a Shankweiler Fellow of Muhlenberg College. He was also appointed to the board of Community Hospice of Northeast Florida.

'64

Larry Green of Swarthmore, PA has retired as Division Chief of Neurology at the Crozer-Chester Medical Center after 30 years in that position. He continues at Crozer as Director of the Clinical Neurophysiology Laboratory and Medical Director of the Crozer School of Clinical Neurophysiology.

'65

Nathan Hirsch of Coral Gables, FL was elected to the Board of Governors of South Miami Hospital.

Robert Pilewski has retired after 32 years of practice in Oil City, PA.

'67

Anne Thompson of Great Falls, VA is a managing partner of Washington Nephrology Associates. She is also a Clinical Professor of Medicine at George Washington University.

'68

Gerald Hiatt of Honolulu is in a private gastroenterology practice and is Associate Professor of Medicine at the John A. Burns School of Medicine in Honolulu. He is Chief, Division of Gastroenterology and head of the GI Motility Clinic at Queen's Medical Center. Son Todd is a first year student at Jeff.

James Turchik continues as Professor of Medicine at SUNY Upstate and is in his 27th year as an infectious disease physician in Syracuse.

Jacquelyn Wilson of Escondido, CA is a volunteer teacher for medical students at UC San Diego Medical School. This leaves plenty of time for her outdoor activities – desert camping and trips to Mexico.

'69

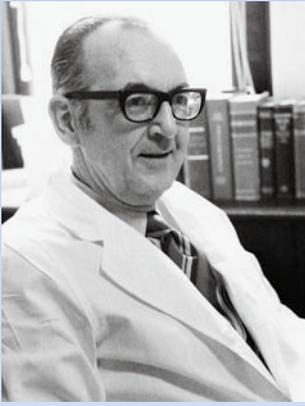
Louis Balizet of Pueblo, CO has joined Rocky Mountain Cancer Center and is enjoying working with **Mike Bryant '73**. Also had nice visits with classmates **Ken Wible**, and Francine and **Bill Heim** and Fran.

Van Batchis of North Easton, MA continues his practice of adult and adolescent psychiatry, primarily psychopharmacology, in Brockton, MA.

Edward Yellig of Raleigh, NC has retired from private practice of primary and internal medicine. He is now working as Medical Director of Hospice of Wake County.

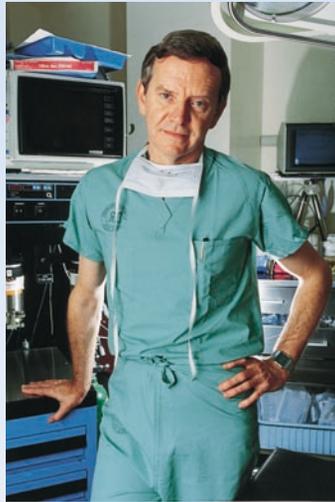
'70

Stephen Glassberg and his wife Annie of New York City are proud to



Herbert A. Luscombe '40 died January 14, 2002. A member of the Alpha Omega Alpha Honor Medical Society, he joined the Jefferson faculty in 1949. A Fellow of the American Academy of Dermatology, he became Chairman of the Department of Dermatology at Jefferson in 1959 and served actively until 1986. This period of 27 years of service as department chairman is the longest of any dermatology chairman in the United States. During his chairmanship, he established a fully accredited residency program and built a nationally recognized and highly regarded dermatology program and department. Under his guidance and leadership, the residency training program at Jefferson underwent significant changes and became a fully accredited three-year program. "Dr. Luscombe's stewardship was instrumental in providing the clinical framework for subsequent growth of the department as one of the premier academic dermatology centers in the country," according to current chair Jouni Uitto MD, PhD. Dr. Luscombe was a popular teacher, a gifted clinician, and an astute researcher as evidenced by his frequent contributions to the dermatology literature, by his membership in the Society for Investigative Dermatology, and by his election to membership in the Society of Sigma Xi. In 1981 the nationally based Dermatology Foundation awarded him its prestigious Clark W. Finnerud Award, given for outstanding service by a clinician and teacher of dermatology. It is the highest national award a teacher of dermatology can receive. In addition, he served as President of the Philadelphia Dermatologic Society, as President of the Jefferson Hospital Medical Staff, as Class Agent for the Class of 1940, and as President of the Jefferson Medical College Alumni Association. His portrait was presented to the university in 1977, and in 1997 he was a recipient of Jefferson's Alumni Achievement Award. He is survived by his wife Sally, two daughters and a son. Son Herbert Jr. is Jefferson '68 and daughter Susan is Jefferson '75. Daughter Jill graduated from the University of Pennsylvania School of Veterinary Medicine.

William R. Fair '60 died January 3, 2002. A 1987 recipient of Jefferson's Alumni Achievement Award, he was a Fellow of the American Urological Association and the American College of Surgeons. He began his professional career at Stanford University School of Medicine, Palo Alto, CA where he served as an Associate Professor of Urology, 1972-1975. From 1975 to 1984 he was Professor of Surgery (Urology) and Chairman, Division of Urology at Washington University School of Medicine, St. Louis, MO. In 1984 he became Chief, Urologic Surgery Service, Memorial Sloan-Kettering Cancer Center, New York, NY, and Professor of Urology at Cornell University Medical College where he soon established a national reputation as one of the world's leading clinical and research urologists. He became the first to hold the Florence and Theodore Baumritter/Enid Ancell Chair of Urologic Oncology at Memorial Sloan-Kettering



Cancer Center in 1992. A member of both the Alpha Omega Alpha Honor Medical Society and the Society of Sigma Xi, Dr. Fair's sponsored research focused on prostate cancer and on how the body often limits the growth of these tumors while they are still small. He was a member of the Surgery, Anesthesiology and Trauma Study Section of the National Institutes of Health, 1979-1983. His publications in peer reviewed journals numbered over 250. He is survived by his wife MaryAnn and a son.

Paul A. Bowers '37 died January 20, 2002. Board certified in obstetrics-gynecology, he practiced at Jefferson with Thaddeus Montgomery '20 where they advocated natural childbirth, birthing rooms and the rooming in of mother and baby. They also began rebuilding the formerly separated Departments of Obstetrics and Gynecology after their realignment into one department in 1946. Paul Bowers also served as Chief, Section of Obstetrics-Gynecology at Philadelphia General Hospital and president of the

PGH Medical Staff. He joined the U.S. Army Medical Corps in 1934 and served for 27 years, retiring as a Colonel. He was awarded the Military Order of the Crusades, the Military Order of World Wars, and the Medal of Outstanding



Civilian Service to the U.S. Army. A Fellow of the American College of Obstetricians and Gynecologists, he also served as chairman of the organization's District III. He became Professor Emeritus of Obstetrics and Gynecology on his retirement from clinical practice. In 1995, Paul and Eloise Bowers created the Paul A. and Eloise B. Bowers Professorship in Obstetrics and Gynecology at Jefferson, now held by the current department chairman. The Class of '48 took Paul and Eloise Bowers as guests on their reunion trip to Rome and Vienna. He was President of the Jefferson Medical College Alumni Association in 1973, served as Alumni Trustee, 1984-1990, and was Class Agent for the Class of '37. His portrait was presented to the university in 1982. He is survived by his wife Eloise, two sons and a daughter.

Paul J. Hull '63 died August 13, 2001. Dr. Hull completed his ob-gyn residency at Boston City Hospital and a fellowship in gynecologic endocrinology at the University of Southern California Women's Hospital and Cedars-Sinai Hospital. He then became Chairman of Obstetrics-Gynecology at St. Mary's Hospital, Long Beach, CA, and maintained a private practice for 18 years. After moving back to Boston, he joined St. Margaret's Hospital as Medical Director of the Midwifery Service and served on the Tufts Medical School faculty. Later, in New York, he was an attending and Instructor at Montefiore/North Central Bronx Hospital and the Weiler Hospital of Albert Einstein College of Medicine. He was a Fellow of the Society of Gynecologic Laparoscopy. He is survived by his wife Pamela, a daughter and a son.

announce the birth of their first child, Ayelet, on December 27, 2001.

Thomas Kay of Medford, NJ was recently named Chairman of the Department of Ob/Gyn at Virtua West Jersey Hospital. He is President of the New Jersey Ob/Gyn Society and Chairman of the Board, Regional Women's Health Group, a 25 member group in southern New Jersey.

Marilyn Kershner, a radiologist, is semi-retired, working locum tenens on the west coast near her children. Living in Coronado, CA and loving it.

David Lintz is a diplomate of both internal medicine and infectious diseases. He is also board certified in tropical medicine and traveler's health. He is currently Chief of Medicine at Rahway Hospital and has an infectious disease practice in Westfield, NJ.

Ron Blum of Patten, ME recently completed a two-year term as President of the Maine Academy of Family Physicians. He is currently President of the American College of Clinical Thermology, pioneering digital infrared thermal imaging.

'71
Arthur Tischler of Newton Highlands, MA, Editor-in-Chief of *Endocrine Pathology*, the official journal of the Endocrine Pathology Society, is the Society's President for 2001-02.

'73
Frank Taylor of Tampa, FL spent two and a half weeks this past year with three other physicians from the Christian Medical and Dental Society on a teaching mission to Mongolia. During their time there, they lectured in their specialties at various hospitals throughout the capital city of Ulan Batur.

'74
Steven Peikin of Philadelphia is currently Professor of Medicine and Head, Division of Gastroenterology, Robert Wood Johnson Medical School and Cooper Health System in Camden, NJ.

'75
Robert Baker of Murrysville, PA has become Senior Medical Director at Three Rivers Health Plans, which operates two HMOs in Pennsylvania and Tennessee.

Marilyn and John Kay continue living in Mequon, WI. John does pain management and high-risk anesthesia. Marilyn does private practice in neurophthalmology and strabismus and spoke at the American Academy of Ophthalmology symposium headed by **Ed Jaeger OPH'64**.

'77
Cynthia Sears of Glenwood, MD was promoted to Professor of Medicine, Divisions of Infectious Diseases and

Gastroenterology, at Johns Hopkins University School of Medicine. She is Director of the Infectious Diseases Fellowship Program.

Stanley Solinsky recently married Gayle Brooks and is living in Waterford, CT. He is a senior partner in a private ob/gyn practice.

'78
John Patterson of Zionsville, PA is into his 21st year at St. Luke's Hospital in Bethlehem. He, his wife and six kids ("only five are redheads") are very busy.

Fred Teichman of Lewisburg, PA is active in the local Rotary Club and is the Director of the Student Exchange Program "It's very rewarding to help arrange for our students to go abroad as well as have foreign students here for a year."

'79
Robert Djergaian of Camas, WA was recently named Co-Medical Director, Rebound Neuromusculoskeletal Program and Physician Director, Rehabilitation Services at Southwest Washington Medical Center in Vancouver, WA.

Dennis Witmer of Greenville, DE was recently named President of the Medical-Dental Staff for Christiana Care Health System, where he will lead the 1,200-plus physician staff through the fall of 2003. Dennis holds an academic appointment as Clinical Associate Professor of Surgery at Jefferson. His interests in surgery are trauma and surgical oncology.

'81
Mark Kruger of Sanford, FL is still a member of Florida Emergency Physicians based in Orlando. He is currently Medical Director at Florida Hospital, Orlando and also functions as a managing partner of the group.

Samuel Laucks of Dallastown, PA is currently serving as President of the York County Medical Society. He is a colorectal surgeon.

Paul Schroy III of Wellesley, MA just received a new grant from the National Cancer Institute to continue his work in the area of colorectal cancer control. He also received an "Excellence in Teaching" Award from the Boston University School of Public Health.

'82
Ron Brockman and **Ellen Feldman** '83 have spent the past seven years in North Dakota and it has been a great experience for their family. Ron recently earned an MHA but the immediate plan is to continue a full-time ophthalmology clinical practice. Ellen is practicing psychiatry. They reside in Thompson where there is plenty of room for visiting classmates.

Charles Krespan is the Chairman of the Department of Ob/Gyn at Lancaster General Women's and Babies Hospital. He resides in Lancaster, PA.

Robert McNamara of Lafayette Hill, PA was appointed the first Chairperson of Temple University School of Medicine's new academic Department of Emergency Medicine.

'83
Thomas Carnevale of Clearfield, PA is currently the President of the Medical Staff of Clearfield Hospital.

David Kramer has joined the Mayo Clinic, Jacksonville, FL, Department of Transplantation, where he provides critical care services for solid organ transplant candidates and recipients. Intensive care of the liver transplant patient is his primary focus.

'84
B. Ian Blatt of Wynnewood, PA has been named Medical Director of the Southeastern Pennsylvania Medical Institute, an independent clinical research site.

John Cox of Bethlehem, PA is Section Chief of Musculoskeletal Imaging at Lehigh Valley Hospital Center in Allentown.

Guy Stofman of Pittsburgh is now President of the Pittsburgh Plastic Surgery Society. He has married Lori Delaney and, combined, they have seven children.

George Lischora and wife Tanya of Kailua, HI were visited by **Tony Furnary** and Julia of Salem, OR. A conspiracy is being planned by all to descend upon **Richard Tobin** of Portland, OR unannounced, for "Jungle Rules."

'86
Louis Keeler III of Moorestown, NJ has been recently re-appointed Medical Director of the Cancer Center at Virtua West Jersey Health System along with maintaining a busy practice with Center of Urologic Care in Voorhees, NJ.

'87
Dennis Lin of West Newton, MA is a staff anesthesiologist at Winchester Hospital outside of Boston.

'88
David Williams remains in the Air Force and is currently a staff neurologist at the United States Air Force Academy. He, wife Maggie and daughter Katie live in Colorado Springs.

'89
Connie Drapcho-Foti of Diamond, MO is enjoying working part time in the local emergency room and taking care of her two children.

Doug Field and wife Maureen of Palmyra, PA welcomed William Douglas into their family November 19, 2001. Doug continues as a pediatric gastroenterologist and is Medical Director of the Pediatric Feeding Disorders Program at Penn State, Milton S. Hershey Medical Center.

Jonathan Lowry of Morgantown, NC is enjoying a private group practice and welcomed the birth of Benjamin.

Julia Miller and husband Rick are celebrating the birth of their third child, Julianna Faith, who joins their other two children, Ricky and Lauren. Julia is a part-time pulmonary ICU physician in a multispecialty group. They are living in Johnson City, NY.

Kathleen Osten of Pittsburgh had her third child, Matthew Joseph, in February 2001. She works part time in a nearby emergency room.

'90
Leslie Galloway of Salinas, CA and husband announce the birth of their third child Mathew Robert, October 8, 2001.

Lenore and **Angelo Grillo** of Elkton, MD are enjoying their three children who are growing like weeds. Lenore is in a private ob/gyn practice in Elkton and Angelo remains in an academic practice at Christiana Care.

Richard Hunn and wife Michele of Darby, PA along with daughter Rochel were thrilled to welcome Joshua Michael and Melissa Jordyn on Jun 30, 2001.

Vik Kashyap of San Antonio was promoted to Lieutenant Colonel in the United States Air Force. He recently became Chief, Vascular Surgery and Vice Chairman, Department of Surgery, Wilford Hall Medical Center, Lackland Air Force Base.

'91
Christopher Levey of Easton, MD is now working with Shore Health System and Delmarva Radiology where his specialty is breast and women's imaging and biopsy.

Howard Pittle of Pittsburgh married Naomi Ruben in March 2001. He enjoyed catching up with fellow Jefferson graduates **Alan Mezey '89**, **Sanghoon Kim '90** and **Dennis Hsieh '93** this past fall.

'92
Iqbal Anwar of Malibu, CA is proud to announce the birth of his second son Brett, born December 8, 2001.

'93
Steven Grant of Irving, CA has completed an advanced laparoscopic surgery fellowship at USC and is now in private practice in Long Beach, CA.

Emery Kim finally finished her training! She completed a fellowship in hand surgery at Walter Reed Army Medical Center and will be assuming a staff position in the orthopaedic surgery service at Darnall Army Community Hospital, Fort Hood, TX. "Yee-haw!"

Sharon Mass and husband Rich Keller of Randolph, NJ are pleased to announce the arrival of Samantha Rose, August 17, 2001. She and big brother Zachary are doing well.

'94
Todd Coven completed his dermatology residency at New York Presbyterian Hospital-Cornell Medical Center, and will be finishing a fellowship in Mohs micrographic cancer surgery and cosmetic laser surgery this year. He, wife Aurily and son Jared are enjoying life on Long Island.

'96
Robert Chen of Rutherford, NJ is now the Medical Director of Center for Family Health at St. Mary's Hospital in Hoboken.

Jack Hsu and wife Heather celebrated the birth of their first child Zachary in June 2001. Jack is an Assistant Professor, Department of Otolaryngology, Upstate Medical University in Syracuse. He and his family reside in Manlius, NY.

Nicholas LoPresti of Mount Laurel, NJ married Joanne Nogowski, a nurse at TJUH. He has a private practice of dermatology and dermatologic surgery in Haddon Heights.

Kiki Stepanski O'Neil and husband Chris work together in a family practice group at Bloomsburg Hospital and in December 2001 gave birth to their first son, Riley Louis.

Kathy Pollock is still in the Navy doing ob/gyn. She is currently stationed at Twentynine Palms Marine Corps Base in CA.

'97
Sonia Cheng of NYC, after finishing a pediatric residency at New York University, spent six months as a volunteer physician in Angola, Africa working with Doctors Without Borders. She is currently working in New York's Chinatown.

'98
Ned Rudnitzky of Florence, MA is an Assistant Professor of Emergency Medicine as well as an attending physician and ultrasound program coordinator at Baystate Medical Center at Tufts University, Department of Emergency Medicine.

Postgraduate Alumni

Angelo DiGeorge END'54 of Philadelphia received the 2001 Honored

Professor Award from Temple University School of Medicine. He has been a member of Temple's



faculty since 1954. DiGeorge gained international recognition in the mid-1960s for his groundbreaking discovery of a birth defect known as DiGeorge syndrome. Affected patients have a small deletion of chromosome 22, which results in various manifestations, including heart defects, low calcium levels, cleft palate, facial and swallowing abnormalities, mild retardation, or occasional immune deficiencies.

Doris Bartuska END'58 of Philadelphia was elected by the Delegation of the Pennsylvania Medical Society to the Committee to Nominate Delegates to the American Medical Association.

Howard Spector NM'82 of Mountain Top, PA is the Director of the Radiology Department at Geisinger-Wyoming Valley Medical Center in Wilkes-Barre, PA. He has been an Associate in the Department of Radiology since January 1984.

Darrell Simone APM'87 of Roswell, GA is currently an interventional pain specialist in Atlanta at the Center for Spine Care at Shepherd Center, the southeast's largest rehabilitation center. He is also on the faculty at Emory University, teaching pain fellows.

Nancy Beggs IM'89 is practicing at Cooper Health System in Voorhees, NJ where she also lives.

Eric Ganz OBG'96 of NYC is an Assistant Clinical Professor at Columbia Presbyterian College of Physicians and Surgeons. He is also on the faculty in the Department of Ob/Gyn at St. Luke's Roosevelt Hospital Center.

Linda Fagan AN'97 of Philadelphia is practicing with Burlington Anesthesia Associates, Mount Holly, NJ.

Ron Moses OTO'98 and wife Shira of Bellaire, TX are delighted to announce the birth of their son Avi, in May.

Laura Hummers IM'00 of Baltimore is a second year fellow in rheumatology at Johns Hopkins University where she is also pursuing a degree in clinical investigation at the Johns Hopkins Bloomberg School of Public Health.

Photos of Yemen Evoke a Beautiful Land

Yemen, sadly associated in recent minds with terrorist incidents, is an exotic and varied country, and nobody knows it better than **Scott Kennedy '81**.

Scott is currently serving as a Regional Medical Officer in Amman, Jordan, providing medical coverage to U.S. embassies in Jordan,

Lebanon, Syria, Israel, Cyprus and Turkey. He is living in Amman with wife Nora and their four young sons. Previously Scott worked in Yemen for five years for the U.S. Department of State, and had the opportunity not only to take fascinating photographs (*see back cover of this magazine*), but also to have published them in a book, *Yemen: A Pictorial Tour*, which he co-wrote with Nora. The book features an introduction by David G. Newton, the U.S. Ambassador.

Yemen's striking landscape was the ancient site of trade in frankincense and myrrh, and the brown and white residential towers that look like gingerbread houses. Scott is also such an accomplished photographer of birds that many official Yemeni postage stamps feature his work. In addition to having its own rare and colorful species, Yemen is a north-south transit route for migratory bird populations between Africa and Europe.

Kennedy has a comprehensive knowledge of the Arabian Peninsula, having been raised in the oasis of Al Ain, part of the emirate of Abu Dhabi. His father was Burwell "Pat" Kennedy '52.

الجمهورية



FIRST DAY COVER



غلاف اليوم الأول



Republic of Yemen stamps featuring Scott's photographs

Scott's interest in birding began as a third-grader at boarding school in India, where teachers took their classes bird-watching one afternoon a week.

Nora Kennedy was born in Tangier, Morocco, and grew up in North Africa. Their email address is kennedysm55@hotmail.com. The book was published by Motivate Publishing of Dubai and London (email motivate@emirates.net.ae).

Martin Mandel '47 of Blue Bell, PA has written *Diabetes: Don't Fear It, Beat It*. He continues to be active as Director of Bryn Mawr Rehabilitation Hospital's Diabetic Neuropathy Program, where he has introduced innovative dance and movement exercises to improve mobility in neuropathic patients.

Walt McConnell '59 of Bolton Landing, NY has penned *Malignant Decisions*, a novel about a medical group that tries to control an area with an Asian crime syndicate. The book jacket explains of the villain, "His ethics have gone septic, and he will stop

at nothing to corner the market on healing." "Unfortunately the book may be more truth than fiction," McConnell says. He wrote it in conjunction with a reporter from the *Philadelphia Inquirer*. See the Website at www.waltmcconnell.com. The book will also be available through the Jefferson bookstore (phone 215 955 7922).

Guido Boriosi '65 of Clarks Summit, PA has written *Understanding Yourself: It's So Darn Easy*. He describes it as "a straightforward primer on psychology and human behavior that can help any individual assess his or her emotional needs. In compassionate discussions of the process of decision making, the acceptance of human frailties, learning how to interpret outside criticism, and how to come to terms with our perception of self and reality, he provides the fundamental tools for coping with daily anxieties and mild depression. The book also gives the reader enough knowledge and insight to recognize when professional intervention or drug therapy is needed." Published by Rutledge Press, Danbury, CT (phone 800 278 8533, Website www.rutledgebooks.com).