THE SCOPE

Vol. 25, No. 3, Summer 2007

EXCITING NEW DIRECTIONS FOR *TOXICOLOGIC PATHOLOGY* IN 2008

STP and BSTP Welcome John Foster as New Editor-in-Chief for Journal

John Foster

John Foster, B.Sc., Ph.D., has been chosen as the new Editor-in-Chief of *Toxicologic Pathology*, the journal of the STP and the BSTP (British Society of Toxicological Pathologists), for a three-year term beginning January, 2008. Dr. Foster is Senior Principal Pathologist of the Pathology Group at AstraZeneca Pharmaceuticals, Safety Assessment, in Cheshire, UK. He is an active member of both the STP and the BSTP. John has a long history of service with *Toxicologic Pathology*, including stints on the Editorial Board from 2002–2004 and as an Associate Editor from 2004 to present. He also serves on the editorial board of the *International Journal of Experimental Pathology*. Dr. Foster earned his B.Sc. in Zoology and his Ph.D. in Parasitology at University College, Cardiff, and attained a Diploma in Toxicology at the Royal College of Pathologists. He is a Fellow of the Royal College of Pathologists and a Member of the Pathological Society of Great Britain and Ireland as well as the British Toxicology Society. John is a former President of the BSTP and has authored or co-authored more than 100 peer-reviewed articles mainly in the disciplines of toxicology or toxicologic pathology—including many contributions to *Toxicologic Pathology*. John is working with outgoing Editor-in-Chief **Jim Klaunig** to ensure a smooth transfer of editorial functions.

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ON-LINE SCOPE TO BE PUBLISHED QUARTERLY

As previously noted, *The Scope* is an on-line only publication beginning with this issue. Annual publication will be increased from three to four issues, and notification will be sent to all members when a new issue is posted.

PUERTO RICO ANNUAL MEETING HIGHLIGHTS

The 26th Annual Meeting, "Toxicologic Pathology and Novel Technologies" held in Rio Grande, Puerto Rico, June 10–14, was attended by 600 scientists, exhibitors, and guests. Exceptional scientific sessions, Caribbean breezes, and collegial colleagues made this an unforgettable event. Program Co-Chairs **Kathleen Funk**, Experimental Pathology Laboratories, Inc., and **Lynda Lanning**, Otsuka Maryland Research Laboratory, and Continuing Education Course Chair **Eugenia Floyd**, Pfizer, and EC Liaison **Page Bouchard**, Archemix, Inc., did a superb planning job.

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INSIDE

PRESIDENT'S REPORT

Gary A. Boorman

The Society of Toxicologic Pathology is in remarkably good shape and is evolving to meet the changing needs of our members. Much of the credit is due to the expertise and enthusiasm of the members who serve on committees. What may not be apparent to many members is the leadership role that many committees play in the STP. Committees come to the Executive Committee (EC) with concepts for what the society needs to be doing and that often includes detailed plans. The EC often is in the role of setting priorities and coordinating activities between committees. A recent Internet Committee idea is for the EC to form a task force to consider the creation of an on-line, open source collaboration tool to document current Tox Path knowledge.

The Wikipedia Web site is quite new to me. I looked up "Toxicologic Pathology" and find that there is mostly human pathology with a nice image of a renal cell carcinoma. There is essentially nothing on toxicologic pathology. I grew up on a small dairy farm and confess I am sometimes resistant to change. However, it is worth noting that the world is changing quite quickly. Recently, I was in the National Institute of Environmental Health Science (NIEHS) library with an issue I was trying to resolve and was quite surprised when the librarian said "Lets Google that." It turns out that Google® is one of their standard search tools. Likewise, I am told that students are starting to use Wikipedia quite frequently. Whether it is the right time or worth our effort to set up a Tox Path Wiki site will be determined by a committee that will look into the issue and report back to the EC. I suggest that any opinions should be forwarded to **Kevin Keane** or

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NEW MEMBERS

Welcome! NEW MEMBERS

Bakhiet, Amel Omer ..... College of Veterinary Medicine, Sudan University of Science and Technology

Belote, Duane ..... Covance Labs, Inc.

Davis, Julianne M ..... NCSU College of Veterinary Medicine

Davis, Wendell ..... Biogen Idec

Farrag, Abdel Razik ..... NRC

Fukumasu, Heidge ..... Faculty of Veterinary Medicine and Animal Sciences - University of Sao Paulo

Garneau, Dayna G ..... Texas A&M College of Veterinary Medicine

Grubor, Branka ..... Bristol-Myers Squibb

Hutt, Julie ..... Lovelace Respiratory Research Institute

Johnson, Chris ..... Vet Path Services, Inc.

Kambara, Takahito ..... GlaxoSmithKline

Kolenda-Roberts, Holly ..... Experimental Pathology Laboratories, Inc.

Larsen, Thomas ..... Covance Laboratories Inc.

Martinez, Mark J ..... Covance Laboratories Inc.

Maziasz, Timothy J ..... Abbott Laboratories

Mentzel, Ulrich ..... Actelion Pharmaceuticals Ltd.

Miklos, Andras ..... SRI International

Neef, Natasha A ..... Pfizer

Ramaiah, Lila ..... Colorado State University

Remick, Amera ..... Biotechnics, Inc.

Rittinghausen, Susanne ..... Fraunhofer Institute of Toxicology and Experimental Medicine ITEH

Ruiz, Robert ..... University of Michigan

Sato, Yasushi ..... Pfizer Global R&D

Shimoi, Akihito ..... Ina Research Inc.

Sinha, Dinesh P. ..... Schering-Plough Research Institute

Skuba, Elizabeth V ..... Novartis Pharmaceuticals

Thapasimuthu, Anilkumar ..... Sree Chitra Institute of Medical Sciences and Technology

Yann, Toussaint ..... Sanofi-aventis

Yu, Ying Ping ..... Toxikon

Zabka, Tanja ..... Roche Pharmaceuticals

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President's Report

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Jerry Ward. We would appreciate hearing from anyone with experience or expertise in the area.

The effort to bring more people into the area of toxicologic pathology seems to be quite successful. The STP is funding student travel, we send members to student meetings and we have had members talking at the various colleges. The externships funded by companies and by the American College of Veterinary Pathology are creating an awareness of this career path as well as the student pathology clubs at most of the veterinary colleges. This work is creating more applications for pathology training than can be funded. To address this need, the ACVP/STP Coalition for Veterinary Pathology Fellows headed by **Gary Cockerell** is now supporting 14 students in pathology training thanks to the general support of numerous companies. The goal now is to watch the program carefully and make adjustments as needed. We are now turning our attention to the academic programs that provide the training for our members. It has been difficult to attract and retain quality teachers when the shortage of pathologists is creating such attractive salaries in the private sector. Addressing the need of academic institutions is a bigger issue than attracting students into pathology but this is something that the STP will be exploring.

I think that most folks are aware of Thomas Friedman's book "The World is Flat: a Brief History of the Twenty-First Century." It tells how politics, trade and technology make work more accessible all over the globe. An example closer to home is that many pathologists work remotely, at least part of the time as I do. Pathologists can send data over the Internet and share images with colleagues. The National Toxicology Program (NIEHS) recently held its first Web-based Pathology Working Group review where remote pathologists could visualize the same images and reach conclusions on the diagnoses. While there are distinct advantages to not have to commute every day, remote access varies little whether one is 40 or 4000 miles away. The STP is exploring what impact these changes may have on our members and what positive role that the STP may play. Again we welcome your comments and suggestions.

Finally our journal has become more global with the appointment of **John Foster** as Editor-in-Chief and with *Toxicologic Pathology* also becoming the official journal for the British Society of Toxicological Pathologists (BSTP). We appreciate **Jim Klaunig's** successful effort to increase the impact factor of the journal. We look forward to a broader source of contributors with our new alliance with the BSTP. We encourage you to continue to send your manuscripts to *Toxicologic Pathology*.

This brief overview covers only a few of some of the challenges and opportunities facing STP. More issues will be included in the next *Scope* Newsletter. We appreciate the willingness of our members to step forward and help us meet the challenges. As always, send your comments to Sue Pitsch at spitch@toxpath.org for the Executive Committee to review.

Gary A. Boorman
STP President

SCIENTIFIC AND REGULATORY POLICY COMMITTEE UPDATE (SRPC)

by Ken Schafer, Chair SRPC

The SRPC has continued its activity over the past few months and looks forward to a busy year coming up. The SRPC sponsored the Town Hall meeting (Image Handling in Pathology) at the 26th Annual STP meeting (see synopsis page 4 in this issue of the Scope). The companion manuscript to this Town Hall was endorsed by the ACVP and the British Society of Toxicological Pathologists and was recently published in *Toxicologic Pathology*. Thanks to **Darrell Tuomari** and his committee for bringing this valuable effort to fruition.

The organ weights effort has just come to a close as well. Two manuscripts on organ weights have been submitted to *Toxicologic Pathology* and are scheduled to be published in issue 5 of 2007. The first manuscript is "Evaluation of Organ Weights for Rodent and Non-Rodent Toxicity Studies: A Review of Regulatory Guidelines and a Survey of Current Practices." The second is "Society of Toxicologic Pathology Position Paper: Organ Weight Recommendations for Toxicology Studies." Kudos to **Bindhu Michael** and **Rani Sellers**, the primary authors of these papers for their hard work. Both papers were presented in poster form at the STP meeting. As an acknowledgement to our efforts to reach out globally, the Position Paper has been endorsed by both the European Society of Toxicologic Pathology and the British Society of Toxicological Pathologists.

Ongoing efforts include a Historical Control Data Working Group led by **Charlotte Keenan**. This group presented a poster on their survey data at the STP, which is posted on the STP Web site, in case you missed it at the STP meeting. The charge of the group is to prepare a manuscript that reviews current scientific practices, regulations, and relevant literature and provide best practices recommendations for the collection and use of anatomic pathology historical control data.

Bill Reagan is leading the collaborative working group between the STP and ASVCP charged with reviewing regulations and relevant literature as well as best practices for the examination of bone marrow in nonclinical toxicity and carcinogenicity studies.

New initiatives that are being kicked off include Hepatic Enzyme Induction, Stress and Moribundity, and Clinical Pathology in Carcinogenicity Studies. The Hepatic Enzyme Induction committee is being led by **Suzanne Botts**. This effort has three subcommittees addressing Clinical Pathology (**Daniela Ennulat**, Chair), Anatomic Pathology (**Bob Maronpot**, Chair), and Risk Assessment (**Vince Meador**, Chair). They are charged with reviewing current scientific practices and relevant literature including regulatory guidance and providing recommendations regarding the recognition, interpretation, and risk assessment of hepatic microsomal enzyme induction in rodent and non-rodent nonclinical toxicity studies. **Nancy Everds** is chairing a group examining the effects of stress and moribundity on

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2007 STP TOWN HALL MEETING: IMAGE HANDLING IN PATHOLOGY

by Ken Schafer, Chair, Scientific and Regulatory Policy Committee and Ramon Kemp, Moderator of 2007 Town Hall

The Town Hall Meeting was held June 11, 2007, at the 26th Annual STP meeting in Puerto Rico. The Town Hall was intended to stimulate questions and discussion on the use of pathology images in a GLP compliant environment. The STP recently published a Position Paper covering this topic: Tuomari, DL *et. al.* 2007. "Society of Toxicologic Pathology Position Paper on Pathology Image Data: Compliance with 21 CFR Parts 58 and 11." *Toxicologic Pathology*, 35:450-455. Panelists were **Ramon Kemp** (Moderator, Merck Research Labs), **Darrell Tuomari** (Schering-Plough Pharmaceutical Research Institute), **Roy Kerlin** (Pfizer), **Gary Knutsen** (Systems Pathology Co.), and **Don Prater** (FDA Center for Veterinary Medicine).

Highlights from the STP position paper included in discussions were the use of photographic images in pathology, the potential of new digital imaging technologies, and the expansion of these new digital imaging technologies into work practices. Also highlighted were the new challenges that these imaging technologies present to those working in a GLP environment. Planning for use of images as part of a GLP nonclinical toxicity study is required. Specifically, you must ensure compliance with regulations and define the purpose of the images. (Are they for illustration or data generation?) The STP Position Paper recommends that all images used to generate raw data be subject to GLP procedures and controls. Also, imaging systems used to

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TOX PATH WIKI TASK FORCE FORMED

What sites do you visit on the Web when you need information? Google, PubMed, MapQuest, or Wikipedia? Your answer will obviously depend on the type of information you are seeking. One thing these Web sites all have in common is that they are electronic databases of searchable and interconnected (or hyperlinked) information and they require continuous updating to be useful. Three of these Web sites have large professional staffs who work in formal organizations with thousands of employees to perform these updates. Only one of these Web sites has a small handful of volunteer administrators who organize millions of informal volunteers to update their Web site: **www.wikipedia.com**.

The STP is exploring the use of Wiki technology in an open mass collaboration to produce a Tox Path Wiki that will make toxpath.org the "go-to site" for the most comprehensive toxicological pathology information available anywhere on the Web. The vision is to create a central site for searching and linking the complex array of pathological concepts, toxicological techniques, and regulatory issues into a database that can be easily and continuously updated, refined, and improved by all legitimate stakeholders in toxicological pathology. By administering this on-line collaboration, the STP will further advance its role as an international leader in human and animal health through interdisciplinary approaches in pathology and toxicology.

The STP executive committee has authorized the formation of a Tox Path Wiki Task Force to further advance this project. This task force will be charged with three objectives:

- Define the philosophy and operating principles of the Wiki (login requirements, acceptable content to post, dispute resolution processes, etc.)
- Define the technical requirements of the Wiki (identify server needs, programming languages, administrative needs, etc.)
- Define the budget and conduct a Request for Proposal to procure technical consultants and computer resources to establish the Wiki.

The Tox Path Wiki Task Force is recruiting members. Extensive computer programing experience is not necessary but a general familiarity with Internet Browser functions and Web Page construction would be useful. If you are interested in being a member of this exciting project then we welcome you on the Tox Path Wiki Task Force. Please contact **Kevin Keane** at kevin.keane@spcorp.com or (973) 940-4737 between 9:00 AM and 5:00 PM EDT.

MEMBER RENEWAL NOTICE

Membership renewal notices were e-mailed to all members at the end of August with payment due by December 1, which is the same timing as last year. It is important to renew by the deadline to ensure that your *Toxicologic Pathology* journal subscription continues without interruption. Members who do not have e-mail access will receive a hardcopy version. Members are encouraged to use the on-line renewal option for speed and convenience, although a downloadable form will also be available on-line.

Members are also encouraged to take this opportunity to update contact and member profile information for the On-line Directory. There is a link to this from the on-line dues form. Contact and profile information can also be updated at any time by selecting "Update Member Info" from the menu on the STP homepage at **www.toxpath.org**. Should you have any questions regarding your membership, please contact the STP headquarters at stp@toxpath.org or (703) 438-7508.

RECENT EXECUTIVE COMMITTEE ACTIONS

- Approved the recommendation of the Internet Committee to form a "Tox Path Wikipedia" Task Force, which will be chaired by **Kevin Keane**
- Approved recommendation by the Newsletter Committee to move to quarterly newsletters
- Agreed to contribute $15,000 toward the cost of a Workplace Survey initiated by ACVP
- Approved a recommendation to ask the Continuing Education Committee to form a subcommittee to explore pathology training in China
- Accepted recommendation from Planned Giving Committee chaired by **Laura Dill Morton**, to create a broader STP Education Fund that would be managed by the Fundraising Committee in the near term. A separate page on the Web site would be created for donations.
- Accepted recommendation from the Symposium Task Force chaired by **Andy Fix**. The Symposium Committee will manage the processes around the symposium while the scientific chair will be responsible for the program. The scientific chair will be selected based on matching expertise with the topic of the meeting. CE course topics will become the charge of the CE Committee. The EC approved acceptance of the proposal and that Andy Fix stay on as the first chair of the standing committee.

PLAN NOW TO ATTEND THE STP 27TH ANNUAL MEETING IN SAN FRANCISCO

"Systems Pathology" is the theme of the 2008 Annual Meeting set for June 22–26 in San Francisco. The San Francisco Hyatt Regency, which is located across from the embarcadero waterfront with its walking/jogging trail, and the historic Ferry Building and Ferry Marketplace, will be the headquarters hotel. It is adjacent to the Embarcadero Center shops and restaurants and within five minutes *via* trolley of popular sites such as Union Square, Chinatown, North Beach, Ghirardelli Square, and Fisherman's Wharf. The airport is 20–25 minutes away. Getting around town is easy with cable car, streetcar, subway/metro, and bus stops all right outside the hotel. All members and past meeting attendees will be notified in mid-September when the Annual Meeting Web site with Registration and Reservation links is live. For more information about San Francisco, visit **www.onlyinsanfrancisco.com**.

CAREER OUTREACH STUDENT INTERACTIONS SUBCOMMITTEE UPDATE

Committee Update: Career Outreach Committee—Student Interactions Subcommittee Members: **Sarah Tannehill-Gregg** (Subcommittee Chair), **Suzanne Botts**, **Brian Berridge**, **Tom Brown**, **David Hutto**, **Chris Merrill**, **Brett Saladino.**

The newly organized Career Outreach Committee (formed from a merger of the Career Development & Recruitment and the Public Relations committees) is working to increase awareness of toxicologic pathology as a career, increase educational opportunities in toxicologic pathology, and provide opportunities for career development for established toxicologic pathologists.

- The Student Interactions subcommittee is focused on promoting toxicologic pathology as a career choice to veterinary and graduate students, and working on ways to provide regular support and mentoring in this field.
- One new subcommittee project is developing an electronic newsletter. This will be produced jointly with our counterparts at the ACVP for twice yearly distribution to veterinary students and graduate students in pathology programs. The goal is to help make students aware of all subdisciplines of veterinary pathology, to promote pathology as a career choice, and to provide a central location for pathology-related resources.
- Features to be included in the newsletter may include biosketches, "A Day in the Life of...," profiles of students and/or student research projects, case studies (with images), profiles of pathology clubs at veterinary schools, fundraising ideas for pathology clubs, articles describing different subdisciplines in pathology, information about the drug discovery/development process, entertaining anecdotes, training opportunities, and deadlines for various meetings, abstract submissions, etc.
- If any members have ideas for the newsletter, items to list, case studies, etc. contact me (sarah.tannehill-gregg@bms.com) or any other subcommittee member. We are also looking for a catchy name for the newsletter and any suggestions would be greatly appreciated.

ACHIEVEMENT AWARD

Dr. Wanda Haschek-Hock, BVSc, PhD, received the 2007 Society of Toxicologic Pathology Achievement Award at the June Annual Meeting in Puerto Rico. The award was presented by **Ricardo Ochoa** during the Award Ceremony. He highlighted Dr. Haschek-Hock's numerous achievements in toxicologic pathology from teaching, research, and advanced training, to regulatory policy.

She has been a tireless advocate for the specialty and is well known by her students and colleagues for her willingness to identify possibilities and opportunities for others to pursue. The students she has mentored are numerous and she stays in touch with many of them.

During her membership with the Society, Dr. Haschek-Hock was a Councilor on the Executive Committee from 1992–1996, acting as Chair from 1994–1995. She continued her efforts in maintaining and growing the Society while serving as Secretary/Treasurer from 2002–2005. She is presently an Associate Editor of *Toxicologic Pathology* and a member of the Board of Governors of the ACVP/STP Coalition.

In addition to her activities within the Society of Toxicologic Pathology, she has also been actively involved with other learned Societies including, acting as Associate Editor for *Toxicological Sciences* (1995–1999); Editorial Board for *Fundamental and Applied Toxicology* (1984–1990); and President, SOT Comparative and Veterinary Specialty Section; FDA Veterinary Medicine Advisory Committee (1997–2002), and Board of Directors for the American Board of Toxicology and the Charles Louis Davis, D.V.M. Foundation. She has served on the Council of the American College of Veterinary Pathologists.

Photographer: Pennie Engelhardt

Achievement Award Winner
Wanda Haschek-Hock with presenter Ricardo Ochoa (l) and President Gerald Long (r).

Dr. Hascheck received her Bachelor of Veterinary Science, with honors, from the University of Sydney, Australia, and her PhD in veterinary pathology from Cornell University. She is also a diplomate of the American College of Veterinary Pathologists, a diplomate of the American Board of Toxicology, and is certified in business administration. Following receipt of her PhD she took the position of Postdoctoral Fellow in the Pathology

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ANNUAL MEETING PHOTOS

Many thanks to our photographers: **Pennie Engelhardt**, **Nancy Everds**, and **Jerry Ward**. For more photos visit: **www.toxpath.org/AM2007/photo_gallery/index.html**

Eric Schultz, Gerald Long, and Dayna Garneau (l to r) enjoy the Welcome Reception.

Members relax on the Rio Beach.

Incoming President Gary Boorman (l) thanks outgoing President Gerald Long (r).

Odete Menders (l) with Malu Dagll (r) of the University of São Paulo and two of her PhD Students (center).

Joel Leininger (l) and Hajime Hiraragi (r) greet colleagues at the Welcome Reception.

Members enjoy a session break.

PUERTO RICO ANNUAL MEETING HIGHLIGHTS

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The popular Saturday NTP Symposium, "Pathology Potpourri," was again chaired by **Susan Elmore**. Participants found this to be an exciting day of diagnosis. Speakers were: **David Malarkey**, NIEHS; **J. Mark Cline**, Wake Forest School of Medicine; **Ron Herbert**, NIEHS; **Kennita Johnson**, NIEHS; **Rodney Miller**, EPL, Inc.; **Mark Cesta**, NIEHS; **Glen Marrs**, EPL; **Gordon Flake**, NIEHS; **Peter Little**, Pathology Associates Division of Charles River Laboratories.

The Sunday evening Welcome Reception, in the Exhibit Hall provided an opportunity for attendees to sample conch fritters and other Puerto Rican specialties, and renew acquaintances.

On Monday morning, **Dr. Edith Mathiowitz** of Brown University gave the keynote address, "The Pathway to Drug Delivery Systems and Tissue Engineering: Lessons from Transformational Biotechnologies." She is Professor of Medical Science and Engineering and Director of the Graduate Program in Artificial Organs, Biomaterials, and

Mike Oglesbee (l), Lyn Miller Wancket, and Roberto Guzman enjoy the festivities.

Cellular Technology in the Department of Molecular Pharmacology and Biotechnology at Brown University. Chairs for each of the six scientific sessions organized a half day of experts on their topic area. Session A, "Excipients, Vehicles and Drug Delivery Technologies" was chaired by **Julian Oliver**, sanofi-aventis (Part 1), and **Karyn Colman**, Bristol-Myers Squibb (Part 2). Session B, "Medical Devices: Current Materials, Methods, and Development" was chaired by **JoAnn Schuh**, Applied Veterinary Pathobiology, PLLC. Session C, "Genetically Based Therapies" (Part 1) was chaired by Susan Elmore, NIEHS, and **Daniel Tumas** (Part 2), Gilead Sciences, Inc. Session D, "Emerging Tools in Toxicologic Pathology" was chaired by **Mark Cesta**, NIEHS.

Eighty-one poster abstracts, divided into three categories—proliferative, systems, and technologies and other—were displayed in the Exhibit Hall during posted times on Monday, Tuesday, and Wednesday. **Kathleen Funk** served as Poster Chair and **Curtis Colleton**, Battelle, Inc.; **Hajime Hiraragi**, Genentech, Inc.; and **Calvert Louden**, AstraZeneca, served on the Poster Review Committee.

For the second year, **Norris Flagler** of NTP presented several free imaging classes for attendees. New this year was a noon career session sponsored by the Career Outreach Committee, and also a scientific session presented in Spanish.

Awards and Annual Business Meeting

On Wednesday evening STP President **Gerald Long** welcomed attendees to the Awards Ceremony and Annual Business Meeting. He honored the Student Travel Award Winners and Young Investigator winners. (See winners' names and photos on page 11.) **James Armstrong** received a plaque as the winner of the Member-Get-A Member Award for recruiting the most new members.

Ricardo Ochoa presented the Achievement Award to **Dr. Wanda Haschek-Hock** (See related story on page 6.) Dr. Long presented plaques to outgoing Committee Chairs and Executive Committee members: **Rick Perry**, Chair, Scientific Regulatory Policy Committee; **Lynda Lanning**, Chair, Annual Symposium Committee; **Mike Thibodeau**, Chair, Membership Committee; **Mark Mense,** Chair, Public Relations Committee; **Shashi Ramaiah**, Chair, Continuing Education Committee; **Dan Morton**, Chair, Communication Strategy Task Force; **Lydia Andrews-Jones**, Newsletter Editor; **Brad Bolon**, Chair, *ad hoc* Journal Committee; **Nancy Everds**, Past President; **Tom Monticello**, Councilor (2003–2007). He also recognized Internet Committee members **Denny Frost** (Chair) and **Jim Eastep** for organizing the STP Web site redesign.

Dr. Long thanked all chairs and committees for their efforts and reviewed the Society activities and accomplishments of the past year, including new travel awards for students, reorganization of several committees, and selection of a new journal publisher and Editor-in-Chief. *The Scope* Newsletter was expanded and became an on-line only publication, the Continuing Education committee organized increased participation by STP members as outside speakers for other groups, and the Scientific and Regulatory Policy Committee enhanced

collaboration with other groups, while authoring many position papers. STP significantly increased interaction with other STPs.

STP Secretary-Treasurer **Jeff Engelhardt** reported that STP continues to have excellent financial standing with a total revenue increase of $128,600 due to strong contributions and stable annual meeting income. He said total net assets had increased by $209,000, which he attributed to increased gain on investments, a diversified investment plan, and slow growth in expenses.

Johnson Thomas chats with Gary Boorman.

Toxicologic Pathology Editor-in-Chief **Jim Klaunig**, could not attend the Business Meeting, but was presented with a special plaque by Gerald Long at the Monday Editorial Board Meeting for three years of service. Incoming journal Editor-in-Chief (January 2008), **John Foster** reported on the past year's initiatives, which included more review articles, a regulatory column, a special issue on the lymphoid system and the adoption of the journal as the official publication of the BSTP. Dr. Foster presented the Best Paper Award for "The Transduction of Rat Submandibular Glands by an Adenoviral Vector Carrying the Human Growth Hormone Gene is Associated with Limited and Reversible Changes at the Infusion Site." Author **Susan Elmore**, Environmental Toxicology Program, National Institute of Environmental Health Sciences; and Co-author **Abraham Nyska**, Integrated Laboratory Systems, accepted the award on behalf of the winners including co-authors **Lynda Lanning**, Otsuka Maryland Research Institute; **Neil Allison**, Experimental Pathology Laboratories, Inc.; **Molly Vallant**, Toxicology Program, National Institute of Environmental Health Sciences.

STP members take Salsa lessons at the Monday reception hosted by EPL.

Californians Jeff Engelhardt and **Kevin McDorman** enticed the audience with a photo presentation on San Francisco, the site of next year's meeting (June 22–26 at the San Francisco Hyatt Regency.) At the conclusion of the meeting, Jerry Long passed the gavel to incoming President **Gary Boorman**. Attendees and their guests then moved outside for the President's Reception around the pool featuring a fun evening with salsa music and ocean breezes.

Many attendees enjoyed one or more of the tours organized by STP to the nearby rain forest and also to Old San Juan. Others arranged for snorkeling or kayaking in the bioluminescent bay on their free afternoon/evening. A very popular activity among children of all ages was the daily Iguana feeding.

Ann Ward, Sue Hardisty, and Jerry Hardisty at the Monday evening reception.

Back row, (l to r) David Gardiner, Colorado St Univ; Aaron Sargeant, The Ohio St Univ; Sandeep Akare, Univ Illinois; Robert Johnson, Purdue Univ, front row, (l to r) Lyn Wancket, The Ohio St Univ; Melissa Sanchez, Univ Pennsylvania; Torrie Crabbs, Univ California; Danielle Lewis Brown, North Carolina St Univ.

COALITION HOLDS FIRST CONFERENCE IN PUERTO RICO

As part of an effort to increase the exchange of information between Academia and Industry, the ACVP/STP Coalition for Veterinary Pathology Fellows held its first Scientific Conference on June 10, 2007, in conjunction with the 2007 STP Annual Symposium in Puerto Rico. This conference, which was organized by Coalition Director Gary Cockerell, was attended by Fellows, their academic and industrial mentors, and the Board of Governors. In addition to presentations given by Fellows (see **http://www.vetpathcoalition.org/fundedfellowships.cfm**), the program included a joint presentation by representatives from Academia and Industry entitled "Training the Perfect Fellow: What Industry Would Like and What Academia Can Provide," **http://www.vetpathcoalition.org/jointpres.cfm** which focused on an informal survey circulated to mentors from participating training institutions and sponsoring companies.

BIRDING IN PUERTO RICO

by Peter Mann

Photographer: Nancy Everds

When most people read this Newsletter, they think that the *Scope* refers to a Microscope. But there is a small, hardcore group who knows that the most important scope is the Spotting Scope —Andy Fix

In 1995, when the STP first considered holding its Annual Meeting in Puerto Rico, I thought, "fantastic, we can go scuba diving." By the time we actually made it, time had marched on and passions had changed (Goodbye scuba, Hello birding). The fact that the meeting was in Puerto Rico was great, but the fact that the hotel was 15 minutes from El Yunque, one of the premier birding sites on the island, was an incredible and unexpected bonus.

At the next STP meeting, take a look around: There are birders amongst you. (We're the one with binoculars in our backpacks, exchanging cryptic whistling songs with one another, and trying to decide if we should ditch this lecture for the chance to add a Brown Booby to our life list.)

Puerto Rico boasts 16 endemic birds—birds that live only on the island and nowhere else on earth. Of these 16 species, 11 are found in El Yunque. We saw 9 of them. Not too shabby, considering that we only birded for an hour or two in the mornings, and still had got back to the meeting in time for the continental breakfast.

Just before dawn on Sunday morning **Andy Fix** (P&G), **Dave Malarkey** (NTP), **Peter Mann** (EPL), and **Nancy Everds** (Amgen)—our official photographer, were in El Yunque (the rain forest) at 5:30 AM. At that time there was almost no traffic, so we could walk the roads and bird at our leisure.

The Magnificent 5 ride again. Mann, Wolfe, Tellier, Fix, Gregson (l to r).

When we arrived in the forest, the woods were alive with calling Puerto Rican Screech Owls—there were at least three in a small patch of bamboo where we parked our car. We never saw them, and by 5:45 AM, it was as though a switch was thrown and they all suddenly stopped.

That morning, we saw 25 species, including 9 endemics: Puerto Rican Screech Owl (heard but not seen), Puerto Rican Tanager, Puerto Rican Lizard-Cuckoo, Puerto Rican Spindalis, Puerto Rican Woodpecker, Puerto Rican Flycatcher, Puerto Rican Bullfinch, Puerto Rican Emerald and Green Mango.

(Nancy, who is not a birder, decided she understood the endemic thing, "You just add Puerto Rican to a bird and it becomes an endemic, right? The Puerto Rican Parrot, the Puerto Rican Tody, the Puerto Rican Flycatcher…")

Dave Malarkey ticks another lifer. Note the high-end optics.

We had a quick view of the Puerto Rican Lizard-Cuckoo, a large bird with a banded tail, a bright red eye patch and a rosy belly as it flew across the road and perched in a nearby tree. Andy said, "Look, I've got goose bumps. It's a sad commentary on my life that seeing a bird gives me goose bumps."

Dave Malarkey has only recently gotten bitten by the birding bug. By Sunday afternoon, he had purchased his own copy of the "Birds of Puerto Rico", and was showing it to anyone who sat next to him at a session. "We saw this bird this morning, and this one, and this one too. Actually, all I saw was a brown flash in the leaves, but Andy and Peter told me that it was a Puerto Rican Flycatcher, so I'm going to count it."

The next morning we were joined by **Pierre Tellier** and **Richard Gregson** from Charles River Montreal. We went back to the same spot in El Yunque for another chance to see the birds. At 6:45, as Andy, Nancy and I were leaving (they had 7:00 meetings), we ran into another birder who we didn't know. He turned out to be **Rick Wolfe**, who was one of the exhibitors at the meeting (Applied Imaging). Rick is another hard-core birder who joined us for the rest of the week's excursions. We saw almost all of the birds we had seen the day before and added one more endemic—the Puerto Rican Tody, a tiny flycatcher almost as small as a hummingbird with a bright green back, a yellow belly, and a brilliant red throat patch.

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The ubiquitous Grey Kingbird.

The next morning when we woke up at 4:45 AM, it was pouring at the hotel. Nancy decided she was not going to get her camera wet, and went back to sleep. I threw on a pair of pants and went to the lobby to tell anyone who might have showed up that it was too wet to go. When I got to the lobby, Andy, Rick, **Diane Creasy** (HLS), **Gail Walter,** and **Larry Arp** (PAI) were all there and ready to roll. So I grabbed my binoculars and off we went for another morning where we saw most of the target endemics.

Wednesday morning, it was Peter, Pierre, Nancy, Richard, and Dave. Nancy had to go back early for a breakfast meeting. Not five minutes after she left (with her camera of course) a Puerto Rican Lizard Cuckoo (which we had only seen in short frustrating glimpses), flew out of the forest and landed on a telephone wire about 20 feet over our heads, giving us what a birding friend calls a "soul-satisfying view." Five minutes after the cuckoo, the heavens opened on us and we were all thoroughly drenched (there is a reason they call it a Rain Forest).

Andy Fix scopes out another rarity.

There were several exciting discoveries by our group. On Monday evening, Andy made me take off my Carmen Miranda hat and leave the EPL Reception so he could show me the pair of roosting Puerto Rican Screech Owls that he had spied while walking along the path to the golf course at the hotel (we had only heard them before). On Tuesday afternoon, Nancy, Peter, and Larry had the owls in the spotting scope, when Richard, Pierre, **Emily Messick** (Charles River Montreal), and Dianne Creasy all pulled up and got a great look at them as well.

Rick found Puerto Rican Tody's nesting right along the roadside in El Yunque—you could stand across the road and watch the adults bring bug after bug back to the nest, which was in a tiny tunnel that they excavated in a clay bank on the side of the road.

And finally, the rarest of the rare. Andy was in the forest by himself when he heard what sounded like parrots. He knew that there are only about 20 Puerto Rican Parrots left in the wild, but hope springs eternal in the heart of most birders. Andy spent an hour bushwhacking through the forest until finally he came upon the birds. They were truly Puerto Rican parrots, but unfortunately, they were all in cages—he had stumbled on the secret location of the Puerto Rican Parrot Recovery Program—the captive breeding program that the Forest Service has developed to try to restore the population. Unfortunately, caged birds can't be counted, but it was quite a rush while it lasted.

So next year while you are busy taking notes at the annual meeting, keep an eye out for the STP birders. Let's see—Golden Gate Park, Point Reyes, Monterrey Bay.

STUDENT TRAVEL WINNERS

Lauren Aleksunes
University of Kansas Medical Center

Julianne Davis
North Carolina State University

Santiago Diab
University of California, Davis

Heidge Fukumasu
University of São Paulo

Dayna Garneau
Texas A&M University

Jessica Grieves
Texas A&M University

Allison Heatherly
North Carolina State University

Mark Hoenerhoff
Michigan State University

Nicole Martell
Michigan State University

Merielen Garcia Nascimento
Universidade Estadual Paulista

Lila Ramaiah
Colorado State University

Alok Sharma
Purdue University

Heather Workman
University of California, Davis

Photographer: Pennie Engelhardt

Student Travel Award Winners *(back row, l to r) Santiago Diab, Mark Hoenerhoff, Aaron Sargeant, (front row, l to r) Heidge Fukumasu, Lila Ramaiah, Heather Workman, Dayna Garnaeu, Julianne Davis, Nicole Martell.*

YOUNG INVESTIGATOR AWARD WINNERS

Photographer: Pennie Engelhardt

Young Investigator Award Winners *(l to r) Mark Hoenerhoff, Lila Ramaiah, Aaron Sargeant.*

BEST PAPER

Susan Elmore, Environmental Toxicology Program, National Institute of Environmental Health Sciences; and Co-authors **Lynda Lanning**, Otsuka Maryland Research Institute; **Neil Allison**, Experimental Pathology Laboratories, Inc.; **Molly Vallant**, Toxicology Program, National Institute of Environmental Health Sciences; and **Abraham Nyska**, Integrated Laboratory Systems, Inc. were honored for winning The Best Paper Award. Their paper, "The Transduction of Rat Submandibular Glands by an Adenoviral Vector Carrying the Human Growth Hormone Gene is Associated with Limited and Reversible Changes at the Infusion Site," was chosen by a committee of the Associate Editors of *Toxicologic Pathology* chaired by the Editor-in-Chief. Judging was based on general quality, originality, subject matter, and timeliness. A winning paper should represent a significant advance by presenting a new concept or method with important applications; It must be well-written, clearly-illustrated, and referenced comprehensively; and be likely to be cited often in the literature for many years.

MEMBER-GET-A-MEMBER

James Armstrong, Experimental Pathology Systems, AG, was recognized for the second year in a row for being mentioned as an influence in the most new member's decisions to join STP.

San Francisco

Hyatt Regency
June 22–26, 2008

Systems Pathology

www.toxpath.org

SOCIETY OF TOXICOLOGIC PATHOLOGY

STP 27th Annual Meeting

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MONIQUE WELLS, WOMAN OF THE WORLD

by James W. Crissman

Monique Wells tends her herb garden and her beloved strawberries on her Paris balcony.

I know you've gone solo as a consultant. How is that working out? My business is called Toxicology/Pathology Services, Inc. (TPS). It is working out splendidly—I have never had so much fun working! The business allows me to travel, to teach, and to meet interesting people as well as to learn and grow as a pathologist and a toxicologist.

What are your primary pathology interests and what do you find most rewarding? At present, I am very interested in the pathology and mechanisms of the endocrine and cardiovascular systems, and I love the opportunities to travel and to teach.

How long have you lived in Paris? Please describe your life there; feel free to make the rest of us green with jealousy? I have lived in Paris since June of 1992—my 15-year anniversary is fast approaching! Life here is as close to perfect as I could imagine it—I live in a wonderful neighborhood in central Paris, only a block away from my favorite market street (rue Mouffetard) and a 15-minute walk from what I consider to be the most beautiful garden in town—the Jardin de Luxembourg. I love being mobile without having to drive a car—I walk or take public transportation to 99% of the places that I go. As you might imagine, I love the FOOD—I never tire of shopping to make things at home or going out to eat in restaurants. And with food goes WINE, my husband Tom and I love the process of degustation (tasting) and of pairing wines with foods. I have also developed interests that I might not have developed had I remained stateside—architecture is one of them. The city is beautiful because of the wealth and variety of architecture here. Fortunately, I have the rest of my life to explore and enjoy all of these things!

What do you miss the most about life in the U.S.? Do you think you'll ever move back here? I am not sure that I miss anything about life in the U.S.! Family (parents, brother, close cousins) is important to be sure, but since I've lived away from home since the age of 16, I have long ago become accustomed to not seeing my family very often. Phone and e-mail are our means of communication, and we are in contact weekly. Even so, the occasions that I do get home are special because they are relatively rare.

I do not foresee moving back to the U.S. I feel very much at home in Paris.

I have your very beautifully illustrated cookbook, **Food for the Soul: a Texas Expatriate Nurtures Her Culinary Roots in Paris.** ***What inspired you to create it? Have you inspired many Parisians to love soul food? Do you have a next book in mind?*** After having indicated above how much I love the food in France, I have to say that I was inspired to write *Food for the Soul* because a few months after I moved to Paris, I began to miss foods from home. Writing the book was a way to affirm my connection with my family, my culinary heritage (Texas and southern Louisiana) and my homeland (the U.S.). Having said all this, I guess that one of the things that I miss about the U.S. is good old Texas barbecue!

My book was first published in French, so I guess that I have inspired some Parisians to at least try soul food. I have received lots of compliments on the success of the recipes, both in terms of how easy they are to achieve and how good the finished products are!

As for future books, I have none currently planned. I continue to write, though as a freelance journalist. I specialize in articles on Paris and on cuisine, though I occasionally write travel articles on various destinations as well.

Do you have pets? I imagine that walking a dog in Paris is the same sort of social icebreaker that it is here—true? I do not have pets any longer. I moved to Paris with a cantankerous old tabby cat named Jolie, who died about 5 years ago. Both Tom and I are too busy to have a dog, and I am allergic to cats so I decided not to get another one when Jolie died (even though I love cats!).

Walking the dog is exactly the same sort of icebreaker in Paris that it is in the U.S. This was the subject of one of the newsletters that my husband and I publish for our Web site.

Do you have other hobbies or interests besides cooking that you'd like to share? Tom and I are so passionate about Paris that we started a travel planning business to share our knowledge and interests with like-minded travelers. Discover Paris! (**www.discoverparis.net**) has been in business since 1999, and we've had a wonderful time creating personalized itineraries and providing unique activities for discerning, culturally-oriented visitors to the City of Light.

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MEMBER SPOTLIGHT

MONIQUE WELLS, WOMAN OF THE WORLD

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We have published a newsletter called *Paris Insights* for several years, and have recently made it available by subscription only. But archives of the free newsletters are still available on our site. I edit Tom's articles and he edits mine. If you visit the archive, you'll see that our articles cover subjects including history, art, gastronomy, Americans in Paris, and Paris neighborhoods. Tom and I may eventually publish an anthology of selected Paris Insights articles.

I have loved to write since I was in high school and am happy to have the opportunity to do so for our Web site. But I have had articles published in various print and web publications over the years as well—including the *International Herald Tribune*, the *LA Times*, the *San Francisco Chronicle*, *Bonjour Paris* (**www.bparis.com**), the *Cultured Traveler* (**www.theculturedtraveler.com**) and *Paris Woman Journal* (**www.pariswoman.com**).

Tom and I visited Egypt recently, partly because of France's history in the country (Napoleon's excursion there, Champollion's discovery of the key to deciphering hieroglyphs) and the symbols of Egyptomania that remain in Paris to this day. I am now thoroughly enchanted with Ancient Egypt! I have even begun to learn the basics of reading hieroglyphs and hope to take a correspondence course in this someday.

My other hobby is gardening. I have herbs, fruits and vegetables growing in pots on my balcony—tomatoes, strawberries, bitter oranges, chives, sage, thyme, rosemary, bay leaf, and mint. There are also lavender and gardenia plants to keep the bees coming!

Do you find that issues of race and gender feel different in Paris? Is Paris different from the rest of France in that way? Yes, I do. Regarding race, it is interesting to be an African American in Paris and to compare this experience to what I see and have heard of the experiences of other Blacks (French Caribbeans, Africans) here. The issue of race is not as "black and white" here as it is in the States; many nuances are in play. A large part of this stems from the fact that slavery was not generally practiced on French soil, but rather in its (distant) colonies. I have written a lot about the historical aspects of the African-American presence in Paris and have created a series of self-guided walks on this subject for Discover Paris! I have also lectured on the topic of "Black Paris and the Myth of a Colorblind France" both for Discover Paris! clients and at universities in the States.

There is also the issue of religion, specifically Islam, that is intertwined with race here. The vast majority of Muslims in France are North African or Black African—in other words, they are nonwhite. France's colonial history in Africa and its Catholic tradition (despite the separation between church and state) play an integral part in race relations here.

As for gender, being a woman (or at least an empowered woman) is somewhat different in France compared to in the U.S. Sexuality is something that the empowered American woman is taught to "tone down" in the workplace, whereas in France it is celebrated. It is well accepted that women will get pregnant and take extended leave to have babies and care for their newborns. But the workplace is still very much a man's world with regard to "climbing the corporate ladder". And overall, women still earn significantly lower salaries than men who perform the same work.

I think that Paris intensifies all questions related to race and gender because there are so many more people here and because there are many more opportunities for issues to manifest themselves here. But I do not think that the issues themselves are different in Paris compared to the rest of France.

I've heard you've been working in India. What's that about? I traveled to a small lab in southern India with Bob Maronpot and Nancy Everds, all of us as consultants, and it turned into a huge training project. I've been there seven times and more trips are planned. We're training four young Indian-trained pathologists from Tamil Nadu Veterinary College. They work for an NPO that supports the Indian pesticide industry and are developing a mammalian tox facility. They've broken ground for this and are making rapid progress. I'm also helping to make connections between European clients and Indian labs, and I've joined the Society for Toxicologic Pathology in India.

Wow! Thanks.

MARK BUTT PUBLISHES COLLECTION OF COLUMNS HE WRITES FOR MARYLAND NEWSPAPER

Mark Butt

Saturday mornings in Frederick County, Maryland have never been the same since **Mark Butt** started typing his columns for the Frederick *News-Post*. Mark, who is the President, Tox Path Specialists, in Walkersville, MD, recently published, "Saturday Mornings," a collection of his humorous writings published over the past four years in The Frederick Maryland *News-Post*. He shares his thoughts about marriage, parenting, and life in general in Frederick County.

"I have been writing a humor column for The Frederick News-Post for over four years now. But the idea to put some of the columns together into a collection took a while to enter my mind. My mind is a small, finite space so before a new idea can enter, an old idea has to leave. My son had been trying to convince me for two years that we need a big screen TV in our family room. Once I tossed out the thought of buying a TV set that has a price tag with a comma in it, there was room for 'Saturday Mornings' to develop," he explained.

Mark Butt and his wife Susan decided that the sale of the book should benefit their favorite charitable causes. Accordingly, they turned to *The Community Foundation of Frederick County,* **www.cffredco.org,** to establish The Mark and Susan Butt Saturday Mornings Fund to help support children in need of assistance. "Establishment of The Mark and Susan Butt Saturday Mornings Fund will hold all the proceeds from the sale of the book. The first run of the book should get the fund solidly established. Local sales, followed by national sales after the book is featured on the Oprah

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MEMBER SPOTLIGHT


Robert Sills

ROBERT SILLS APPOINTED TO NEW POSITION AT NIEHS

Robert Sills has been appointed to the Senior Scientist position of Chief, Laboratory of Experimental Pathology (LEP), Environmental Toxicology Program, NIEHS. Dr. Sills replaces Robert Maronpot, who recently retired. He is a current member of the STP Executive Committee and serves as liaison to the Career Outreach Committee. Dr. Sills received his DVM from Tuskegee University and PhD in Toxicologic Pathology from Michigan State University. Robert, along with the LEP team are very excited about building on the significant contributions of Gary Boorman and Robert Maronpot in the field of Toxicologic Pathology.

MARK BUTT PUBLISHES COLLECTION OF COLUMNS HE WRITES FOR MARYLAND NEWSPAPER *continued from page 15*

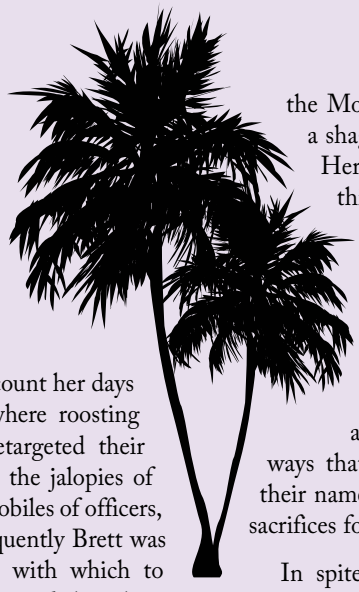
Winfrey Show (I can dream, can't I), should keep the fund going," he said.

"The Butt family, and in particular my wife, has been involved in numerous community-based child advocacy activities, including various PTAs and the Foster Care and Adoptive Parents Association, so we know about the great needs of some of the children in our community. From the beginning, my wife and I decided that in the unlikely event anyone would want to actually buy my book, all proceeds from Saturday Mornings should go to benefit children in need in our county. My own kids think they are in need, but in reality they already have it pretty good (if you don't consider that they have to grow up with the name "Butt"). Mark's Web site is **www.markbutt.com**.

THE WRINKLED SECTION

Puerto Rican Rum-inations

by James W. Crissman



Bombarding you with my stories over the past couple of years has begun to pay off, and I am now privileged to steal yours. It seems only minimal ethanolosis is adequate to wag your tongues.

Brett Saladino, for instance, was moved to recount her days as a base veterinarian in southern California, where roosting peafowl repositioned their perches, and thus retargeted their cloacal dumb bombs from harmlessly splattering the jalopies of enlisted men to seriously impacting the fine automobiles of officers, thus transforming a nuisance into a crisis. Consequently Brett was compelled to weaponize MPs with trank darts with which to subdue the enemy. One tough treetop peacock required three hits, the last lacerating his neck and causing much hemorrhage as he hit the deck to the screams of the neighborhood kids. Fortunately, all recovered in her care and were decorated with purple hearts on their dress blues before redeployment to the boonies.

And then there was the Marine bitten by a snake and referred to Brett by the base doc for serpent identification. Reaching into the bulging grocery bag he carried into her clinic resulted in further strikes to the Marine. The action revealed less to Brett about the speciation of pugnacious snakes than about the macho nature of jar heads.

In late night conversation with old Cornell friends, I used the phrase "crazy as an outhouse rat"—OK, not exactly that, but close enough. **Linda Munson** responded: "I have an outhouse rat!" It seems she has a rustic getaway hours south of Davis on the edge of the Mojave Desert. The outhouse there is decorated with a shaggy pink rug and lots of shiny hanging decorations. Her resident packrat has purloined his share of these things, the better to line his nest under the throne. He clearly has an aptitude for interior decoration, and no doubt enjoys the view.

I was also impressed by the number of people who have volunteered for the many committees that do the work of the STP and make it so valuable for the rest of us. People like **Brad Bolon** and **Nancy Everds** have served us in so many ways that the rows of committee ribbons that hung from their name tags down past their crotches—the litany of their sacrifices for the STP—looked like sporrans.

In spite of these colorful demonstrations of the already myriad ways to serve, another is committee needed. Many of the talks described amazing new technology and its ingenious application, resulting in great scientific progress. I could only gawk with slack-jawed admiration, or get another coffee and wait for my head to stop pounding. But it's not just me; many have posed a very important question concerning next year's subject, "Systems Pathology." The question is: "What the heck is that?" So, while the Continuing Education Committee is very much appreciated, a *Special* Education Committee may be just as necessary. And, like special ed pros everywhere, we'll be looking for people with exceptional empathy and patience, willing to answer the same dumb questions over and over, like, "What the heck's a sporran?"

Are you afflicted with random thoughts of questionable relevance? I'd be happy to help sort it all out; write me at jcrissman@charter.net.

UPCOMING MEETINGS

September 16–19, 2007
ESTP: 5th European Congress of Toxicologic Pathology: Integration of Toxicopathology in Risk Assessment—Key to Success
Congress Center
Joint IFSTP / ESTP Meeting
Basel, Switzerland
Contact:
Kay Groothoff, Solution office e.K.,
Wilhelmshöher Weg 1, D-29646 Bispingen, Germany
Tel: +49 - 5194 974 490
Fax: +49 - 5194 974 494
E-mail: estp@solution-office.de
www.eurotoxpath.org/meetings

September 19–21, 2007
The 7th Annual Meeting of the Safety Pharmacology Society
Edinburgh, Scotland
www.safetypharmacology.org

October 15–19, 2007
The 14th International Course on the Safety Assessment of Medicines
New York Medical College
Course Directors
G.M. Williams and M.J. Latropoulos
Crown Plaza Hotel
White Plains, NY, USA
E-mail: Kathy_woodley@nymc.edu

November 10–14 , 2007
2007 ACVP Annual Meeting
Savannah International Trade and Convention Center and the Westin Savannah Harbor Golf Resort and Spa
Savannah, GA
www.acvp.org

November 11–14, 2007
28th American College of Toxicology Annual Meeting
Westin Hotel, Charlotte, NC
www.actox.org

November 15–16, 2007
22th Annual Meeting British Society of Toxicological Pathologists
"Safety Liabilities of Immunomodulatory Therapies"
London, UK
www.bstp.org.uk

March 16–20, 2008
Society of Toxicology 47th Annual Meeting
Washington State Convention and Trade Center
Seattle, Washington
www.toxicology.org

November 15–19, 2008
ACVP Annual Meeting
Hilton Palaciodel Rio Hotel
San Antonio, TX
www.acvp.org

FUTURE STP ANNUAL MEETINGS

June 21–26, 2008
STP 2008 Annual Meeting
San Francisco Hyatt Regency
San Francisco, CA
www.toxpath.org

June, 20–25, 2009
STP 2009 Annual Meeting
Wardman Park Marriott
Washington, DC
www.toxpath.org

June, 19–24, 2010
STP 2010 Annual Meeting
Marriott Downtown Magnificent Mile
Chicago, IL
www.toxpath.org

EXCITING NEW DIRECTIONS FOR *TOXICOLOGIC PATHOLOGY* IN 2008

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STP and BSTP Welcome Sage Publications as the New Journal Publisher

Sage Publications has been selected as the new publisher for *Toxicologic Pathology*, also beginning with the January, 2008 issue. Sage, a 41-year-old, family-owned company headquartered in Thousand Oaks, CA, publishes 450 scholarly journals. The company also has offices in London and New Delhi and has a worldwide staff of 600. The contract established with Sage includes several significant benefits for Society members, including a decrease in manuscript submission fees to $250 (down from the current $350), no need for an increase in subscription fees for Society readers in 2008, and a commitment by Sage to digitize all back issues of the journal in searchable format for placement in its on-line e-journals archive (the Highwire Press Internet platform located at Stanford University). The migration of the production process to Sage has already begun in order to effect a smooth transition.

Sage to Provide Free Color Images to Authors

An additional benefit of the association with Sage Publications will be an enhanced ability to provide color figures in future issues of *Toxicologic Pathology*. Sage will print all pages of each *Toxicologic Pathology* issue on a four-color press, which will allow for an unlimited number of color micrographs per manuscript. More importantly, authors will no longer be charged for incorporating color images into their submissions. Naturally, both the Editor-in-Chief and the Publisher will strive to ensure that the quality of these images will retain the same high standards that we have enjoyed in images found in past journal issues. This goal will be facilitated by the continued participation of **Beth Mahler** as Illustrations Editor.

Toxicologic Pathology Enjoys a Substantially Increased Impact Factor

The editorial staff of the journal recently learned that the impact factor for *Toxicologic Pathology* had increased to 2.092. This rating makes the Society's journal the most cited vehicle for toxicologic pathology science in the world; *Toxicologic Pathology* ranks 26 out of 65 pathology journals and 30 out of 76 toxicology journals in terms of recognized importance in the research community. This rise in impact factor continues the ever-increasing climb in ranking that has occurred under the stewardship of outgoing Editor-in-Chief James Klaunig and represents a direct reflection of Jim's decision to solicit and publish review articles in every journal issue. Other contributors to this trend have been the popularity of the annual symposium issue (Volume 1 of each year) as well as the excellent reception of specialty issues such as the recent compilation of review articles on the lymphoid system (Vol. 34, No. 5, 2006) assembled by **Robert Maronpot** as special Guest Editor.

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David G. Fairchild, DVM, Incorporated
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THANK YOU FOR YOUR SUPPORT!

SCIENTIFIC AND REGULATORY POLICY COMMITTEE UPDATE (SRPC)

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pathology parameters in toxicology studies. This group has been asked to produce a review paper which provides guidance on the interpretation of gross, histomorphologic and clinical pathologic changes which are considered to be secondary to debilitated health and/or systemic stress. **Jamie Young** is leading a group charged with producing a position paper on the use of clinical pathology in carcinogenicity studies.

As the SRPC Chair, I invite the membership to help the SRPC identify regulatory and scientific issues on which the STP should be taking a leadership role. The SRPC is tasked with addressing those items and working with other organizations globally to better address them. Also, as new initiatives are launched, the SRPC is interested in volunteers wanting to serve on these new committees.

Finally, I wish to thank retiring SRPC members **Dan Morton, Nigel Roome,** and **Jeff McCartney** for their tireless work on behalf of the SRPC. Also thanks to the 2006–2007 SRPC Chair, **Rick Perry** for his leadership.

ACHIEVEMENT AWARD

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Department at the New York State College of Veterinary Medicine before moving to the Oak Ridge National Laboratory, in Oak Ridge Tennessee, where she was promoted to Group leader of Systemic Toxicology, Toxicology Section, Biology Division. When selected as Associate Professor for the Department of Veterinary Pathobiology, College of Veterinary Medicine, University of Illinois, Urbana, she rapidly became tenured and was promoted to Professor. She served as Head of the Department of Pathobiology from 1994–2001. Her colleagues recognized her expertise as a veterinary pathologist and an active researcher when she was selected as Acting Director, Laboratory of Veterinary Diagnostic Medicine from 1995–1996. During her tenure as head of the Department of Pathobiology she also took on the arduous task of Interim Associate Dean for Research and Assistant Director, Agriculture Experimental Station at the University of Illinois. She has authored over 100 scientific publications, is senior editor of the *Handbook of Toxicologic Pathology*, 1991, 2002, and *Fundamentals of Toxicologic Pathology*, 1998.

The transformation from a board certified veterinary pathologist to toxicologic pathologist takes some training. Dr. Hascheck's entrepreneurial spirit saw the need for filling this gap and she created the Short Course: Industrial Toxicology and Pathology, presented six times since 1993, which will be given again in July 2007. Many members of the Society have taken this course in their initial year as a toxicologic pathologist.

Not only has Dr. Haschek-Hock been an outstanding advocate for education and training in toxicologic pathology, she has been an outstanding researcher in the field as well. She has participated in seminal research that has delineated, clarified, or defined the toxicities compounds such as T-2 mycotoxin, fumonisin B1, microcystin-LR and acetaminophen. Her work with these toxicants as well as her work in respiratory toxicologic pathology and other naturally occurring clinical toxicosis has resulted in 113 peer-reviewed publications and many more invited presentations, abstracts, and posters. Her research has garnered her an international reputation as a toxicologic pathologist.

Dr. Haschek-Hock is the third recipient of the STP Achievement Award.

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support GLP studies should have appropriate validation and/or performance qualifications and any exceptions should be described in the GLP Compliance Statement for the study. The STP Position Paper recommends that images used only for illustration are not raw data and do not need to be archived. Images may be archived either electronically, in accordance with CFR Part 11, or by printing, signing, and dating (authenticating) the images and archiving the printed image.

The objectives were to discuss image terminology and the use of virtual images or virtual slides. The panelists reviewed definitions of raw data in the context of light microscopy, electron microscopy and virtual slides. We discussed authentication of images for raw data and how virtual slides or images may be handled in a GLP environment. All of these topics are covered in detail in the STP Image Position Paper and the panelists and members in attendance were in general agreement with the recommendations.

One question was whether unused gross or illustrative images can be discarded. They can be. Questions arose concerning which images are raw data and which are illustrative. Others had concerns over why authenticated images should serve as raw data when the results are in the final, signed pathology report, defined as raw data for the histopathology data. Images are considered raw data if a diagnosis or measurement is derived from them. Others asked why a print is not a GLP-retained specimen, much like a slide is a GLP-retained specimen. In either instance, the specimen or the raw data, would be archived. It was also asked if there is a preference for electronic or paper images to be archived. Either is fine, but electronic data archiving controls satisfying the GLPs need to be in place, as are generally already in place for paper documents. This area will require additional consideration as pathology imaging technologies evolve.

STP MEMBERS SPEAK AT ICT XI SESSIONS

Thank you to the STP members who participated in the International Congress of Toxicology (ICT) meeting, in Montreal. "Pathology for Non-Pathologists" was presented as a half-day continuing education course. The following STP members were speakers: **Laura Boone** (Lilly Research Laboratories), "Methods in Pathology;" **Colin Rousseaux** (Colin Rousseaux and Associates), "Cell Injury and Death;" **Jeff Engelhardt** (Amgen Inc.), "Neoplasia." Jeff Engelhardt co-chaired, "Case Studies on Regulatory Issues in Toxicologic Pathology." The following STP members were speakers: **Ricardo Ochoa** (Neurogen Corporation), "What Does it Mean to Be Adverse?;" Jeff Engelhardt, "Defining the No-Observed Adverse Effect Level (NOAEL) in Drug Safety Evaluation;" Colin Rousseaux, "Relevance of Animal Findings at the No-Observed-Adverse-Effect-Level (NOAEL) for Human Risk;" Laura Boone, "How Is the Interpretation of Clinical Pathology Data Integrated into the Determination of the No-Observed-Adverse-Effect-Level (NOAEL)?"