



The Histochemical Society NEWSLETTER

Summer 2009

Vol.22 Number 1

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HCS 2010
Marine Biological Laboratory

Photo courtesy of: Frank Slack

President's Message

Dear Members,

Hola amigas y amigos del Histochemical Society (HCS) de la isla de Puerto Rico! I hope that you all are relaxing and enjoying the summer as well as getting ready for another busy year. I would like to take this opportunity to thank Ulli Weier, our immediate Past-President, for his hard work and leadership over the past year. I also thank the HCS Council and our committees, and special thanks to Meg McGough, Tanda Jaipen and Suzanne Paquette for their hard work. Finally, I thank Bill Stahl for his insights and direction.

Ulli, in consultation with the program committee, put together a fantastic scientific program and the HCS Short Course on Immunocytochemistry preceding the 60th Annual meeting of the HCS. The HCS was a guest society of the American Association of Anatomists in conjunction with Experimental Biology 2009 in New Orleans.

The 61st annual meeting of The Histochemical Society will be held March 21-26, 2010 at the Marine Biological Laboratory, Woods Hole, MA. The theme of the 2010 meeting will be: "Three-Dimensional Imaging Technologies: Bridging the Gap Between Light and Electron Microscopy."

According to Sydney Brenner "Progress in science depends on new techniques, new discoveries, and new ideas, probably in that order" (Robertson [1980] Nature 285:358-359). Emerging imaging technologies such as "super-resolution" fluorescence microscopy, offer new and exciting opportunities to study cellular architecture, function, and pathological processes in three-dimension (3D) at unprecedented resolution, and thus present both new opportunities and new challenges to neurobiologists, cell biologists, and clinicians. For example, in the field of neuroscience, the holy grail is to determine within the central nervous system (CNS) the three-dimensionality of neurons that are interconnected and form intricate three-dimensional neural circuits. Over the last decade, imaging technologies have been developed that allow the visualization of thicker samples. Confocal light microscopy, in combination with fluorescent labeling techniques, has enabled biologists and clinicians to study in great detail the 3D structure of biological architecture at the tissue and cell levels.

The 2010 annual meeting of the HCS will offer four scientific sessions:
Imaging Modalities and Techniques 1: Confocal and Interference Microscopies
Imaging Modalities and Techniques 2: Non-Linear and Super-Resolution Microscopies
Imaging Modalities and Techniques 3: Transmission Electron Microscopy,
Imaging Modalities and Techniques 4: Scanning Electron Microscopy

In these four sessions, invited and contributed oral presentations from academic and industry investigators will showcase breakthroughs in new 3D imaging technologies, imaging techniques, and the tools (i.e. reagents as well as preservation and instrumentation methodologies for subcellular and molecular level studies) required to achieve their full potential and advance neurobiological, cell biological, biomedical, and clinical research. David Piston, Vanderbilt University, will present the opening lecture. Two additional lectures have been scheduled, one by Luke Lavis, Janelia Farms and one by Ralph Albrecht, University of Wisconsin.



HCS President Ed Rosa-Molinar in his lab at University of Puerto Rico-Rio Piedras

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President's Message cont.

We also have expanded the short course: Principles & Applications of Immunohistochemistry by adding a hands-on laboratory session. The short course continues to cover general principles of fixation, labeling, controls, antigen retrieval, signal amplification, direct & indirect immunostaining, double-labeling strategies, and visualization techniques by light and fluorescence microscopy, and acquiring and validating image authenticity.

We expect that a range of investigators, from those who are senior to those who are beginning graduate students, will find this two and one half day, hands-on introduction to the theory and practice of immunohistochemistry to be very useful. Registration and syllabus information can be found at: <http://immunohistochem.com/>.

Finally, I want to encourage everyone to attend the 2010 HCS meeting. We are devoting much time and attention to making that meeting as productive and as engaging as possible. I want to thank all of you for your patience and your support during my first year as President. Please let me know any suggestions and/or concerns you may have. It has been an honor and a privilege to serve and work with you all this year. We all look forward to seeing you in Woods Hole!

Ed Rosa-Molinar

President, HCS



Swope Conference Center located at the Marine Biological Laboratory at Woods Hole, site of the 2010 meeting.

Trends in Microscopy and Immunohistochemistry Histochemistry 2010

61st Annual Meeting of the Histochemical Society
March 21-23, 2010

The Marine Biological Laboratory, Woods Hole, MA

Organizers: Eduardo Rosa-Molinar, University of Puerto Rico-Rio Piedras
Mark A. Sanders, University of Minnesota

NOTE: March 24-26, 2010 Short Course (separate registration, see page 6)

Meeting Theme:

Three-Dimensional Imaging Technologies: Bridging the Gap between Light and Electron Microscopy

The focus of the annual meeting will be breakthroughs in new 3D imaging technologies and the tools (i.e. reagents as well as preservation and instrumentation methodologies for subcellular and molecular level studies) required to achieve their full potential and advance cell biological and biomedical research.

PRELIMINARY PROGRAM

Sunday, March 21

12-7 PM: Registration, arrival of participants

6 PM: Dinner (Swope Conference Center)

8 PM: Evening lecture: David Piston, Vanderbilt University; *"Live cell imaging of insulin secretion mechanisms"*

Monday, March 22

7-8 AM: Breakfast (Swope)

8 AM-12 Noon:

Imaging Modalities and Techniques 1: Confocal and Interference Microscopies (Additional speakers will be chosen from abstracts)

Mark A. Sanders, University of Minnesota; *"Advances in sample preparation and imaging methods for relational 3D confocal and electron optics"*

Brian Wilson, University of Toronto *"Hyperspectral pathology: New opportunities for tissue analysis from the convergence of optics and chemistry"*

Michael Stanley, Chroma Technologies Corp; *"Optics and applications in fluorescence and related microscopies"*

12-1 PM: Lunch (Swope)

1-3 PM:

Imaging Modalities and Techniques 2: Non-Linear Microscopies

Eric O. Potma; University of California-Irvine; *“Multimodal nonlinear optical microscopy for biological and biomedical applications”*

Peter A. Santi, University of Minnesota; *“Thin-sheet laser imaging and 3D reconstruction of the inner ear in the mouse and zebrafish”*

Stephen T. Ross, Nikon USA Inc; *“Imaging Beyond the Diffraction Limit”*

3-5 PM: Poster Session (Swope)

5-6 PM: Dinner (Swope)

7 PM: Evening Lecture:

Luke Lavis, HHMI Janelia Farms; *“Tailoring Fluorescent Dyes for Imaging”*

Tuesday, March 23

7 AM: Breakfast (Swope)

8 AM-Noon:

Imaging Modalities and Techniques 3: Transmission Electron Microscopies (Additional speakers will be chosen from abstracts)

Carmen Manella, Wadsworth Center; *“Electron tomography of frozen-hydrated cells and tissue: FIB-milling of specimens for cryo-TEM imaging”*

John E. Rash, Colorado State University; *“Freeze-fracture replica immunogold labeling (FRIL): Beauty AND brains”*

Wim F. Voorhout, FEI Company, The Netherlands; *“3D Imaging: Bridging the gap between light microscopy and electron microscopy”*

12- 1 PM: Lunch (Swope)

1-3 PM:

Imaging Modalities and Techniques 4: Scanning Electron Microscopies

Eduardo Rosa-Molinar, University of Puerto Rio-Rio Piedras; *“Advances in serial block-face scanning electron microscopy for the 3D reconstruction of a spinal neural circuit”*

Rick Powell, Nanoprobes Inc.; *“Not just for TEM: High-Resolution SEM Gold Labeling”*

Donna Guarrera, JEOL USA Inc.; *“Introduction to atmospheric scanning electron microscopy: Correlative microscopy applications”*

3-5 PM:

HCS/JHC Business Meeting/JHC Editorial Board Meeting/Outstanding Young Investigator Presentation/Presentation of Awards.

5-6 PM: Lobster Dinner; (Scientific session attendees & short course attendees) (Swope)

7 PM:

Ralph Albrecht, University of Wisconsin Madison; *“Nanoparticle labels for co-localization at high spatial resolution”*

8 PM: Annual Meeting Closing Reception

Wednesday, March 24: Depart MBL

HCS HANDS-ON SHORT COURSE
on
IMMUNOHISTOCHEMISTRY and MICROSCOPY

A SHORT COURSE organized and sponsored by The Histochemical Society
at
The Marine Biological Laboratory, Woods Hole, MA
March 24-26, 2010

This course will follow The Histochemical Society Annual Meeting
(March 21-23, 2010) at The Marine Biological Laboratory

Organizers: William L. Stahl, University of Washington and The Histochemical Society,
Eduardo Rosa-Molinar, University of Puerto Rico-Rio Piedras, Denis G. Baskin, VA Puget
Sound Health Care System and University of Washington

Wednesday-Friday, March 24-26:

Lectures and Laboratory Sessions

Topics: General principles, fixation, labeling, controls, antigen retrieval, amplification, direct & indirect staining, double-labeling strategies, visualization techniques by light, fluorescence and electron microscopies, acquiring and validating image authenticity. Laboratory sessions will utilize light and fluorescence detection techniques.

The course will be limited to 30 participants, so early registration is important. Registration includes all course materials and room and board at the MBL for three days. A limited number of stipends to help defray costs associated with attending the course are available for doctoral students who are members of HCS. Applications for membership in The Histochemical Society are available at the Society's website: www.histochemicalsociety.org.

Summary of Contacts:

SHORT COURSE WEBPAGE: <http://www.immunohistochem.com/>

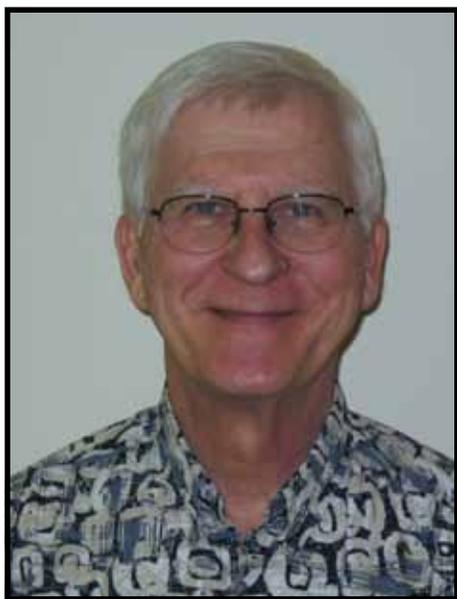
THE HISTOCHEMICAL SOCIETY WEBPAGE: www.histochemicalsociety.org

Additional information – Contact William L. Stahl: wlstahl@u.washington.edu

HCS Twitter

HCS is now on Twitter, <http://twitter.com/histochemnews/>. If you have news that you would like to share with other HCS members, please send it to us and we will tweet it for you. Remember you don't have to sign up to read HCS tweets, you can view them at the preceding URL. If you want to follow us on Twitter, you need to sign up for an account and follow histochemnews. Remember, email us at: johc@histochemicalsociety.org if you have questions.

A Message from the Executive Director, William Stahl



The Society has been very fortunate in the past several years to be the guest society of several FASEB societies at the Experimental Biology meetings. We have met jointly with the American Association of Anatomists, the American Society for Investigative Pathology and the American Society for Biochemistry and Molecular Biology. While we have enjoyed the science and hospitality of these societies, we may have lost some of our identity at these very large meetings and the science of histochemistry and cytochemistry was not as well served as we would like.

At the recent Council strategic planning session, in response to input from the membership, Council decided to organize a stand-alone meeting for the next HCS meeting in 2010. Council also considered the option of adding a laboratory section to our Short Course on immunohistochemistry, something not feasible at the Experimental Biology meetings. The idea of combining a stand-alone scientific meeting and short course with a laboratory component led

us to the Marine Biological Laboratory at Woods Hole, MA. The MBL Conference staff worked with HCS to develop an economical package for a stand-alone meeting that included registration, accommodations and meals. Use of their laboratory facilities was an important part of these considerations.

With a site chosen, Council and more specifically the HCS President Eduardo Rosa-Molinar and the Program Committee began focusing the program on the newest trends in histochemistry and on how imaging facilitates and contributes to progress in science. Program Committee Chair Hinke Multhaupt proposed the title "New Trends in Microscopy and Immunohistochemistry" for the annual meeting and Ed Rosa-Molinar agreed with the Committee to build the program around this theme.

Eduardo has organized a truly exciting meeting. There is a renaissance of excellent science happening in the field of imaging and the 2010 meeting will capitalize on this trend to present current and provocative topics.

Ed and Mark Sanders, Director of the University of Minnesota CBS Imaging Center have brought together a group of speakers who work at the forefront of immunohistochemistry and imaging. In addition to invited speakers, members will have the opportunity to present in oral sessions when abstracts fit into the theme of the organized sessions. A poster session that is open to presentations on all research with a histochemistry/

cytochemistry theme will be held on Monday, March 22, 2010 in the afternoon.

Following the annual scientific meeting, an integrated, intensive short course on Immunohistochemistry and Microscopy (Principles and Practice of Immunohistochemistry) will take place on March 24-26. Some of the meeting speakers will participate in the course as well as several HCS members who will assist participants in the laboratory sessions. Lectures and laboratory time will be interspersed throughout the days and evenings. The course is suitable for beginners and for those with some experience with immunohistochemistry. Several tissues, labeling and detection methods will be used in this course. There is a separate registration fee for the course and enrollment is limited to 30. Further information about the course can be found elsewhere in this news-

If you have colleagues who would be interested in a detailed hands on lab experience, this will be the course for them to take.

letter. If you have colleagues who would be interested in a detailed hands on lab experience, this will be the course for them to take. Please pass along this information to them.

Many of you have attended conferences or worked in the labs at the Marine Biological Laboratory and know that the MBL will be an excellent venue for our annual meeting and for the short course that follows the regular scientific sessions. The MBL is an international center for research, education and training in biology and biomedical science with lecture, laboratory, housing and restaurant facilities. In addition to its excellence as a

continued next page

A Message from the Executive Director, William Stahl cont.

scientific conference center, the MBL and Woods Hole are in an especially beautiful area on Cape Cod with great opportunities for walks, bicycling, bird watching or a possible visit by ferry to Martha's Vineyard.

Most critical to the meeting, the MBL provides a unique setting for scientific interaction and debate. Somewhat akin to a university campus, but on a more intimate scale, the MBL environment fosters conversation, deep thought and opportunity for learning on the highest level. I guarantee that it will be an interesting and fulfilling experience for all of us at HCS. This is one HCS meeting that you do not want to miss, so please plan ahead.

As mentioned earlier, MBL has worked with HCS to develop an excellent value package that will

be hard to resist. The meeting registration fee will include attendance at all scientific sessions, refreshment breaks, three nights housing (Sunday, Monday and Tuesday), meals at the Swope dining room and free wireless internet access. On the final evening of the meeting dinner will include a traditional New England lobster feed. Cost will be well under a thousand dollars for the package and HCS members will receive a discounted registration fee. Many of the functions will be in the Swope Conference Center, including housing, meals, receptions and poster sessions. Access from Boston's Logan Airport is easy with regular bus service from the terminal to and from Woods Hole.

Our meeting will include our annual open JHC Editorial Board Meeting and HCS Business Meeting and Awards ceremonies. The awards will include travel awards for stu-

dent and junior faculty to attend the meeting.

We will send you emails as soon as more information about the annual meeting and short course is available on the HCS Society webpage (histochemicalsociety.org) and the meeting website (histochemistry2010.org). Remember, subscribing to the HCS twitter feed (twitter.com/histochemnews) will keep you informed of any new HCS and JHC development.

I'm looking forward to seeing you at Woods Hole!

Bill Stahl
Executive Director, HCS

2010 Meeting Deadlines

The following deadlines have been set for the 2010 HCS Annual Meeting:

Feb. 26, 2010- Last day to receive early registration rates.

Jan. 22, 2010 - Deadline for submission of abstracts.

Jan. 8, 2010- Deadline for submission of HCS Awards applications.

HCS Membership Benefit

Active HCS members will enjoy both a special discount for early registration at the 2010 Annual Meeting and a discounted rate to attend the Hands-On Short Course. To take advantage of these special rates, please be sure your society membership dues are current.

If you are not an HCS member, there is still time to join and receive member benefits, including the meeting discounts.

For memberships detail please visit: www.histochemicalsociety.org
or call The HCS office at: **206-616-5894**

HCS 2010 MEETING
and
HCS HANDS-ON SHORT COURSE
on
IMMUNOHISTOCHEMISTRY and MICROSCOPY
at the Marine Biological Laboratory at Woods Hole, MA

ANNUAL MEETING SCHEDULE and FEES: March 21-23, 2010

Sunday, March 21st: arrive MBL for check in, evening meal and evening session
Monday, March 22nd: scientific sessions
Tuesday, March 23rd: scientific sessions (meeting ends in evening after lobster dinner)
Wednesday, March 24th: check-out of guest rooms and depart MBL after breakfast

The annual meeting registration packages (except single day) include three nights lodging (Sun., Mon., Tues.) with eight meals, receptions, refreshment breaks and attendance at scientific sessions. Rates for companions not attending sessions will be announced soon.

Each registrant may submit **one abstract free of charge**. Additional abstracts at \$25 each, subject to acceptance by the HCS Program Committee.

	Non-member Before Feb. 26, 2010	HCS member Before Feb. 26, 2010	After Feb. 26, 2010
Single Occupancy	\$925	\$825	\$975
Double Occupancy	\$825	\$725	\$875
Single day registration* (meals/lodging NOT included)	\$125	\$100	\$140

Visit: www.histochemistry2010.org

HANDS-ON SHORT COURSE SCHEDULE and FEES: March 23-26, 2010

Tuesday, March 23rd: arrive MBL for check-in, evening meal and orientation session
Wednesday, March 24th: lectures and laboratory
Thursday, March 25th: lectures and laboratory
Friday morning, March 26th until about noon): check out of guest rooms, breakfast and wrap-up session; depart MBL

Packages include: Three nights lodging (Tues., Wed., Thurs.), eight meals, receptions, refreshment breaks and attendance at lectures, course manuals and laboratory sessions and related course materials and other supplies.

	Non-member	HCS member
Single Occupancy	\$940	\$840
Double Occupancy	\$800	\$700

Registration **limited to 30 participants**. NOTE: short course participants who also register for one of the packages (NOT single day) for the annual meeting will receive a 10% discount off the short course fee.

Visit: www.immunohistochem.com

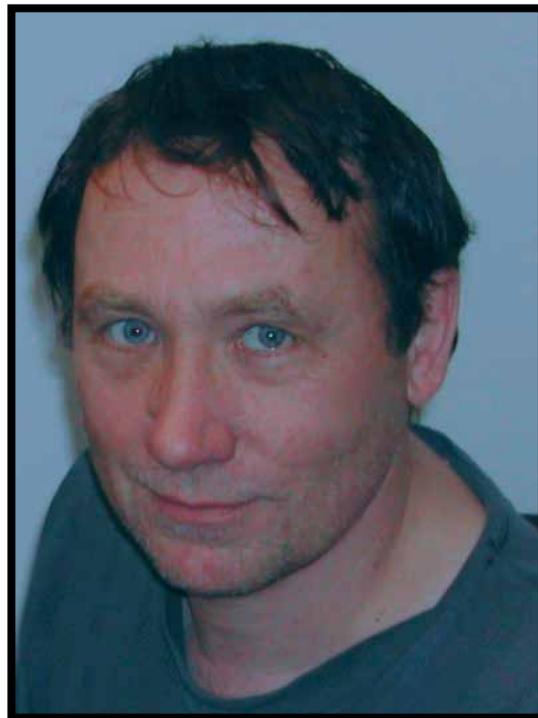
Registration for the annual meeting and short course will be open in September 2009.

Report on the HCS 2009 Meeting

Dear Members of the Histochemical Society,

I'd like to take this opportunity to thank all of you for your ongoing support during my time as the HCS President in 2008/2009. Especially, I'd like to thank all Society members and staff who helped to make our annual meeting HCS 2009 in New Orleans such a success. As a Guest Society of the American Association of Anatomists (AAA), the organizer of Experimental Biology 2009 (EB 2009), we convened for the HCS 2009 Annual Meeting in New Orleans, LA, from April 17-20, 2009 for four days of presentations, lectures and intense exchange of information.

The conference was preceded by the HCS Annual Short Course on "Principles and Application of Immunocytochemistry" (sponsored by Olympus and Visiopharm), which commenced with an informal gathering and presentations on Friday, April 17 and continued throughout Saturday, April 18. The highlight of HCS 2009 on Sunday, April 19 was the session on "Tissue Fixation for Morphological Analysis and Molecular Profiling" jointly organized by D.G. Baskin (Seattle, WA) and S.W. Carmichael (Rochester, MN). This was followed by the HCS Business meeting and JHC Board meeting.



Scientific sessions on Monday, April 20 focused on state-of-the-art research and innovations in molecular cytogenetics and stem cell research, two fields of growing activity within the HCS. A well-attended morning session entitled "Molecular cytogenetics in preimplantation/perinatal genetic analysis and cancer research" was co-chaired by T. Liehr (Jena, Germany) and me. The highlight for all EB 2009 attendants on Monday afternoon was the symposium "Stem Cell Plasticity and Homing in their Histological Context" sponsored jointly by AAA and HCS and co-chaired by me and P.J. Quesenberry (Providence, RI), which featured some of the eminent experts in the area of stem cell isolation and controlled differentiation.

In the years ahead, I am looking forward to continue working with you on exciting new initiatives in support of the HCS and its goals.

Warmest regards,

H.-Ulli Weier

HCS Immediate Past-President

Berkeley, CA, August 2009

HCS thanks these sponsors for their support of the 2009 Annual Meeting and Short Course.

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Ernie Blevins smiles after receiving the HCS Outstanding Young Investigator Award.



JHC Editor, Kevin Roth relaxes with a cool drink.



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HCS members gather for the 2009 business meeting.

HCS • 2006



Tanda Jaipen and Secretary-Treasurer Chuck Frevert at business meeting.



HCS President, Ulli Weir assists his daughters with their studies. Training young histochemists?



Rima Wazen, Clarice Nishio and Paulo de Oliveira enjoy a glass of wine.

At the Poster Session.



2009 HCS Awardees.



Joe Mazurkiewicz and Denis Baskin share a laugh at the HCS Reception.

HCS • 2009



John Shacka presents the Lille Award to Clarice Nishio.



Carpenter-Rasch awardee, Dick Burry with his wife, Yvonne.



Counselor, Gloria Hoffman listens intently during the business meeting.



Past-President Stephen Carmichael and John Weber relax with refreshments.

Dick Burry Receives the Anna-Mary Carpenter-Ellen M. Rasch Award



On behalf of HCS, Bill Stahl presents the Award to Dick Burry

ANNA-MARY CARPENTER - ELLEN M. RASCH AWARD to recognize individuals who have made outstanding contributions and service to the Society. Awarded to Richard W. Burry, Ph.D. April 19, 2009 at the 60th Annual Meeting of The Histochemical Society in New Orleans, Louisiana.

Comments by Dick Burry at the award ceremony were as follows:

I am deeply honored to be given this award which was initiated in the name of two great people who loved **The Histochemical Society (HCS)**. They had a reputation of even taking money from their own pockets to pay Society bills at meetings! A fitting way for me to acknowledge this award is with a little history that goes back 16 years to the time when I was first elected to the HCS Council.

In 1993, I was elected to The HCS Council and attended my first

meeting in Bethesda. Peter Petrusz was President and Mort Maser was Executive Secretary. The distinguished group of gentlemen, some in ties, sat around large hard wood table and discussed Society business. The Council had problems; the Editor of the "*Journal of Histochemistry and Cytochemistry*" (JHC), the Society journal, would not give enough money to the Society for its activities. It seemed to me to be a stuffy traditional scientific society!

However, the next year in 1994, I began working with newly elected Blair Bowers as Treasurer and Bill Stahl as Secretary both of whom became good friends. Blair helped bring the HCS finances under control and Bill went on to become HCS Executive Director. To deal with the Journal, Denis Baskin in 1994 visited the Journal office in New York

City several times, once with the publications committee. The Editor, Paul Anderson, then agreed to step down when a new Editor was appointed by the Council. In 1996, after a yearlong search headed by Dale Abrahamson, Denis Baskin was appointed Editor and the Journal office moved to Seattle.

As part of his new job, Denis asked the Council to explore moving the JHC from self-published to a commercial publishing company as a

way of increasing subscribers and revenue. As a self publisher the Journal office did the entire layout, copy editing and managing the mailing of the JHC. It had been many years since the JHC began self publishing and Denis was interested in determining if it was still the best model. I was given the task and collected offers from publishers. After evaluating the proposals from four major publishers, the Council agreed that there was no advantage to changing the JHC publishing status. In retrospect this was a fantastic decision.

In 1996, I was elected Secretary of the HCS, succeeding Steven Carmichael. At that time Denis Baskin asked me to examine the new field of electronic online publishing and report to the HCS Council with a recommendation for taking the JHC online. At this early time only a few commercial publishers had begun online publishing, and their efforts included online PDF ver-

A fitting way for me to acknowledge this award is with a little history that goes back 16 years to the time when I was first elected to the HCS Council.

sions of the articles. Stanford University libraries lead by John Sack had just started a not-for-profit organization called HighWire Press that specialized in society-based journals.

HighWire had as their first online journal: the Journal of Biological Chemistry. HighWire displayed both a PDF and an html version of each article with the html version containing links to reference articles. Most importantly, the html version had three different levels of resolution for looking at images. The highest level, a JPG was high resolution and the micrographs looked great.

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Dick Burry Receives the Anna-Mary Carpenter-Ellen M. Rasch Award cont.

In 1997, I delivered the report on electronic publication to the HCS Council meeting in Cleveland recommending that the JHC use HighWire as their electronic publisher. I remember there was concern on the part of some Council members that this was too risky for the JHC and the quality of the images would suffer. The image quality on the internet at that time was not as good as print, but it was more than acceptable for images displayed on a computer monitor. After a long discussion, the Council voted to join HighWire Press. In 1998, the first issue of JHC online was published and JHC became the 17th journal for HighWire. To show what a great move this was, HighWire Press today is the premier online scientific journal publisher with 1239 journals and over five million articles online. Moving the JHC online with HighWire Press was a great step in making the Journal one of the premier journals in the world.

In 1999, as the President-Elect-Designate, I began planning for the 6th Joint Meeting of the Japan Society for Histochemistry and Cytochemistry and The Histochemical Society. Bob Osamura from the Japan Society and I organized a three day meeting held at the University of Washington in the summer of 2002. We had a great boat ride in Puget Sound during which it was my privilege to give the first **Carpenter-Rash award** to Ellen Rash. Anna Mary Carpenter could not travel at that time and did not receive her award in person. Bob and I had a great time organizing the meeting and the science made the meeting a memorable success.

One last memory, in October 2001, as President, I organized the first HCS Strategic Planning Retreat in Chicago. This was exciting because it involved past HCS presidents, board members and new members. The idea was to find

ways to get more people, especially younger people, involved in the HCS. We expanded the HCS committees to include members not on Council and focused membership on younger scientists with increased awards to new faculty, postdocs and graduate students. This retreat idea was revisited this last year with a second retreat which was equally as successful. At the first retreat, I will always remember Kelly Murphy and her comments about the life size cut out of Captain Kirk from Star Trek, she called him the stud muffin. Somehow that name became attached to me, I cannot imagine why!

I would like to thank the HCS for the last 16 years of exciting and rewarding work. I hope that the HCS and the Journal have both benefited from my efforts and I am deeply honored to receive the prestigious **Carpenter-Rasch Award**.



HCS TechBites

JHC staff frequently comes across new tools for navigating online and we would like to share some of them with you in hopes they will be helpful to your work. Feel free to email us johc@histochemicalsociety.org and let us know your thoughts.

Interested in a search method that provides “one click” access to articles? Take a look at Pubget: <http://Pubget.com>. Pubget indexes nearly 20 million life science research documents, including those in PubMed®. You search it the way you search PubMed or Google Scholar by typing terms into the search field. The difference is Pubget gets you the PDF right away. It works with your institutional library subscription.

If you get tired of cutting and pasting long URL links into emails, then bit.ly, <http://bit.ly/> is just the application for you. You can shorten, share and track your URL links with bit.ly. You can do it from their website, or for greater efficiency add the bit.ly bookmarklet to your toolbar. If you use bit.ly via your toolbar, it will not only shorten the URL but it will show you the traffic for the URL and if there are any social networking conversations around the URL, those will also be noted. If you have used TinyURL for shortening links, give bit.ly a try, we think it's sharing and tracking features make for a better application.

Mendeley, <http://Mendeley.com> is academic software that indexes and organizes all of your PDF documents and research papers into your own personal digital bibliography. It has been likened to EndNote with an added

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HCS BUSINESS & JHC EDITORIAL BOARD MEETING

MINUTES

HCS BUSINESS & JHC EDITORIAL BOARD MEETING

April 19, 2009, 5:30pm, Hilton Riverside Hotel,
Newberry/Ascot Room

Total attendance of members of the Society and guests was approximately 45.

1. Call to Order & Introduction. President Ulli Weier announced that he becomes Immediate Past-President of HCS with this meeting and that Eduardo Rosa-Molinar will be the new President for 2009-2010. Antonio Nanci becomes President-Elect and will be President for 2010-2012 (serving a two-year presidency). Dr. Weier also thanked the Editor-in-Chief for all his good work for the Journal over the last three years.

2. Journal Report. Editor-in-Chief Kevin Roth reported that his term will end on December 31, 2010. He has become the Chair of Pathology at the University of Alabama at Birmingham. An Editor search is now underway and Past-President Stephen Carmichael chairs the Editor Search Committee. He noted that May 1, 2009 is the deadline for applications for candidates to apply for the position of Editor-in-Chief of the Journal of Histochemistry and Cytochemistry.

Dr. Roth announced the appointment of two new editorial board members for 2009: Pasquale Chieco and Emanuele Gussoni. He reported that manuscript submission and published manuscripts for 2008 were approximately 250 and 130 respectively. The JHC acceptance rate is about 50%. He noted that this acceptance rate has helped to increase our impact and quality of articles. There was open discussion about the parameters associated with this rejection rate.

Dr. Roth commented that time to first decision is approximately 25 days from receipt of a manuscript. Receipt to acceptance is approximately 90 days and Accept to publication is about 69 days in 2008, down significantly from 157 in 2005. He also noted that JHC is considered an international journal and articles are submitted by authors primarily from the United States, Europe, and Japan. The Journal's topic distribution is in Anatomy, Embryology, Cell Biology, Methods, and Pathology. Approximately 20% of JHC's papers cite NIH support, which is a good reflection on the quality of submissions. 90% of articles have a least one and most have two or more color images.

The Journal's Impact Factor was discussed. The Editor noted that going back to 1993 the Journal has been in the range of a 2.0 to 2.7. He is confident that the Journal will have an impact factor of 2.8 to 2.9 by year-end 2009, based on calculations from data that are currently available. The Journal is rated 99 out of 156 in all Cell Biology journals, looking at many different quality measures. The Journal has a citation half-life of 9.6 years, with a Cost Effectiveness measure that puts it in the 23rd percentile. He also noted that Thompson ISI has begun reporting the Eigen factor. A journal's Eigen factor is a measure of its total importance to the scientific community (<http://www.eigenfactor.org/faq.htm>). This is very good for JHC because it is a better reflection of the Journal's quality and takes into account citations over a longer period of time.

Dr. Roth reported on the JHC's Monitoring Editors. He noted that the average time that a manuscript is in review with a Monitoring Editor is 24.3 days. Our current Monitoring Editors agree to serve two out of three times when asked. Turnaround time for peer review has been reduced to 24 days. The Editor-in-Chief noted that this time element cannot likely be shortened any further. He noted and thanked the top four high-performing Monitoring Editors as follows: 1) Denis Baskin; 2) Shan-Rong Shi; 3) Ron Van Noorden; and 4) Antonio Nanci. He also thanked the Journal staff in Seattle and Birmingham.

Dr. Roth commented that the Journal has moved to Print-on-Demand (digital printing) which will save the Society significant printing costs in 2009.

continued next page

HCS BUSINESS & JHC EDITORIAL BOARD MEETING cont.

3. Financial Report by the Secretary-Treasurer. Secretary-Treasurer Dr. Chuck Frevert reported that the Journal is in good financial shape, especially considering the 2008 market conditions and Council's decision to move assets to a new broker. 2008 Journal income has resulted in a small surplus to move into investments.

4. 2010 Meeting Announcement. The Executive Director, Bill Stahl reported on the developments of the 2010 meeting. He announced that the Society will be moving to independent meetings as of 2010 and will meet at the Marine Biological Laboratory at Woods Hole, MA. Eduardo Rosa-Molinar will be President and has developed a preliminary program and sponsorship already in place. The Society will continue its Short Course on Immunocytochemistry and will add a wet lab portion. The cost of attendance will be very affordable as lodging and meals will be included. The Society expects a good turnout for this meeting.

The Executive Director also announced that the Short Course Manual is a new publishing venture for the Society.

5. Awards. The Awards & Membership Chair, John Shacka announced and presented the meeting awards as follows:

The HCS Outstanding Young Investigator	James Ernest Blevins	University of Washington
Vector Laboratories Young Investigator	Rima Wazen	University of Montreal
Vector Laboratories Young Investigator	Maria Lendorf	University of Copenhagen
Ralph Lille	Clarice Nishio*	University of Montreal
HCS Research Scientist	Buffie Clodfelder-Miller	University of Alabama at Birmingham
HCS Research Scientist	John Weber	Memorial University of Newfoundland
HCS Student Travel	Rima Wazen	University of Montreal
HCS Student Travel	Clarice Nishio	University of Montreal
HCS Student Travel	Maria Lendorf	University of Copenhagen
HCS Student Travel	Violetta Pivtoraiko	University of Alabama at Birmingham
HCS Student Travel	Arindam Ghosh	University of Alabama at Birmingham
HCS Student Travel	Nicole Brossier	University of Alabama at Birmingham

The Executive Director announced and presented the Carpenter-Rasch award to Richard W. Burry, The Ohio State Universities, in recognition of his outstanding service to the Society. (See Dr. Burry's comments about the award on page 16)

*The Ralph Lillie Award was not decided until after the HCS Business Meeting. Clarice Nishio, University of Montreal, was presented the award at the combined student poster session and reception that was held jointly with the American Association of Anatomists on Monday, April 20th.

6. New Business. No new business was presented.

The meeting adjourned at 8:15pm.



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social collaboration and recommendation system. We can not vouch for Mendeley but may be worth a look for finding collaborators.

Most of us use our keyboard for screen capture but there is another way to do that using the web. It is a new add-on from Firefox, <http://bit.ly/5CKWZ> named Talon and it is part of a free suite of imaging software from Aviary, <http://aviary.com/home>. Aviary also has a feature which allows you to capture a webpage.

HCS Directory

The listings on this page and the next page are provided to help members of HCS who may help with questions or issues related to The Society or to the *Journal of Histochemistry and Cytochemistry*. HCS Committees function to support the work of The HCS Council. The HCS Council provides governance for both The Society and The Journal.

HCS Committees 2009-2010

Awards and Membership Committee

John Shacka, Chair <shacka@uab.edu>
Margarida Barroso <barrosm@mail.amc.edu>
Buffie Clodfelder-Miller <clodbuff@uab.edu>
Charles Frevert <cfrevert@u.washington.edu>
Rima Wazen <rima.wazen@umontreal.ca>
William Stahl, ex officio <mail@histochemicalsociety.org>

Finance Committee

Charles Frevert, Chair <cfrevert@u.washington.edu>
Eduardo Rosa-Molinar <ed@hpcf.upr.edu>
Allen M. Gown <gown@phenopath.com>
Heinz-Ulrich Weier <ugweier@lbl.gov>
Kevin Roth, ex officio <karoth@uab.edu>
William Stahl, ex officio <mail@histochemicalsociety.org>

Program Committee

Hinke A.B. Multhaupt, Chair <hinke.multhaupt@BRIC.dk>
Richard Levenson <rlevenson@cri-inc.com>
Antonio Nanci <antonio.nanci@umontreal.ca>
Eduardo Rosa-Molinar <ed@hpcf.upr.edu>
Lise Lyck <LL@visiopharm.com>
Heinz-Ulrich Weier <ugweier@lbl.gov>
Elizabeth Unger <eru0@cdc.gov>
Thomas Wight <twight@benaroyaresearch.org>
Tanda Jaipean, ex officio <tjaipean@histochemicalsociety.org>

Publications Committee

Thomas Wight, Chair <twight@benaroyaresearch.org>
Vincent Gattone <vgattone@iupui.edu>
Stephen Hewitt <genejock@helix.nih.gov>
Gloria Hoffman <gehoffma@umaryland.edu>
Nathan Mowa <mowacn@appstate.edu>
Kelley Murphy <kmurphy@genetics.utah.edu >
Nancy Sawtell <sawtn0@cchmc.org>
Shan-Rong Shi <sshi@usc.edu>
Denis Baskin, ex officio <johc@u.washington.edu>
Meg McGough, ex officio <mmcgough@histochemicalsociety.org>
Kevin Roth, ex officio <karoth@uab.edu>

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Journal of Histochemistry and Cytochemistry

Editorial Office

Dept. of Pathology
University of Alabama at Birmingham
1530 Third Ave S., WP 210
Birmingham, AL 35294-7331

Phone 205-934-8344
Fax: 205-934-6700
Email: johc@histochemicalsociety.org

Editor-in-Chief

Kevin A. Roth
Email: johc@histochemicalsociety.org

Editorial Assistant

Angela L. Schmeckebier
Email: aschmeck@uab.edu

Publication Office

Mailing Address:
University Station, P.O. Box 85630
Seattle, WA 98145-1630

Shipping Address:
1107 NE 45th St., Suite 327
Seattle, WA 98105

Phone: 206-616-5894
Fax: 206-616-5842
Email: johc@histochemicalsociety.org

Executive Editor

Denis G. Baskin
Email: baskindg@u.washington.edu

Managing Editor

Tanda Jaipean
Email:
tjaipean@histochemicalsociety.org

Marketing & Subscriptions Manager

Meg McGough
Email:
mmcgough@histochemicalsociety.org

Computer and Editorial Specialist

Suzanne Paquette
E-mail: johc@histochemicalsociety.org

The Histochemical Society Administrative Office

University Station, P.O. Box 85630
Seattle, WA 98145-1630
Phone: 206-616-5278
Fax: 206-616-5842
Email: mail@histochemicalsociety.org

Executive Director

William L. Stahl
Email: mail@histochemicalsociety.org

Executive Secretary

Tanda Jaipean
Email:
tjaipean@histochemicalsociety.org

The Histochemical Society Officers and Councilors

Officers

President

ROSA-MOLINAR, Eduardo
University of Puerto Rico-Rio Piedras
E-mail: ed@hpcf.upr.edu

President-Elect

NANCI, Antonio
University of Montreal
E-mail: antonio.nanci@u.montreal.ca

Immediate Past-President

WEIER, Heinz-Ulrich
Lawrence Berkeley National Laboratory
E-mail: ugweier@lbl.gov

Secretary/Treasurer

FREVERT, Charles W. (2009-2012)
VA Puget Sound Medical Center,
Seattle
E-mail: cfrevert@u.washington.edu

Councilors

BARROSO, Margarita (2008-2011)
Albany Medical College
E-mail: barrosm@mail.amc.edu

HEWITT, Stephen (2009-2013)
National Cancer Institute, NIH
E-mail: genejock@helix.nih.gov

HOFFMAN, Gloria (2008-2012)
Morgan State University
E-mail: gloria.hoffman@morgan.edu

LEVENSON, Richard (2007-2011)
CRI, Inc.
E-mail: rlevenson@cri-inc.com

SAWTELL, Nancy (2007-2011)
Cincinnati Children's Hospital
E-mail: nancy.sawtell@chmcc.org

SHACKA, John (2007-2010)
University of Alabama at Birmingham
E-mail: shacka@uab.edu

SHI, Shan-Rong (2006-2010)
University of Southern California
E-mail: sshi@hsc.usc.edu

WIGHT, Thomas (2006-2010)
Benaroya Research Institute
E-mail: twight@benaroyaresearch.org