A MESSAGE FROM THE CHAIR

We held elections for the steering committee. I would like to welcome Cathy Fuller to replace Christian Lytle, Roger Worrell to replace J. Jay Gargus, and to welcome back Mike Romero for another term as Vice Chair. Cathy has already worked this winter as the Junior Program Representative with the Senior Program Representative, Carole Liedtke. Their efforts define the quality of the CaMPS section and are greatly appreciated. It was a real pleasure working with Christian Lytle and Jay Gargus and they worked very hard for you on the Section and the Society. I hope that they will continue to serve the section and the Society in the future. Mike always had a big job organizing the newsletters and the dinner. Jay did a tremendous job in organizing a new poster session to highlight the work of our potential awardees, and always had a tremendous workload to organize the evaluation of the applications. Thanks to everyone especially My Helms, Bruce Shultz, and Kelly Pitts who pitched in to help Jay Gargus with the awards, and Mike Romero with the newsletter and dinner. The Journal also has a new editor, Paul Insel, who replaced Dennis Brown. We welcome Paul, and we will miss Dennis Brown. Be sure to send in your articles to the Journal to highlight your work. Kelly Pitts has been highly active as our Liaison With Industry Committee Representative. He has accepted a new three year term. Finally, I would like to thank our Sage, Simon Lewis, who has been both active and sage.

This has been a busy year. We formally approved changes to our bylaws, which now contain a new provision for secondary members to play a role on our committees and a provision for electronic voting. The new bylaws can be found here: http://www.the-aps.org/sections/cell/sop.htm. The steering committee selected Doug Eaton for the after dinner speaker for our dinner at the House of Blues on Monday April 20 for the EB 2009 Meeting. Of course, he kept us entertained and as always, taught us something we need to know. The steering committee selected Jennifer Stow to give our 2009 Davson Distinguished Lecture, and Sergio Grinstein will be the 2010 Davson Distinguished Lecturer, continuing our long history of outstanding Davson speakers. Please let us know if you have a nominee for 2011. For 2011, there will be an expansion of the meeting into Wednesday afternoon, and clustering of the days of groups and also clustering with groups that wish to be together. These should be a positive change for our section members.

Joy Gargus and My Helms worked very hard to introduce a poster session for highlighting and judging the posters of potential awardees. The student awardees were announced at the dinner meeting. Please be sure to encourage your students and New Investigators to apply, and be sure that you and your student are members of the section if they apply for an award. This is a very high priority for the steering committee. As always, please contact Martha O’Donnell or any member of the steering committee if you have interest in serving on a committee. We will have openings on the committee next year, so think about nominating yourself or someone for the positions. The open positions, including that for Chair, are listed in the new bylaws. A notice of the election will be coming soon.

Sincerely, John Cuppoletti
EDITOR’S NOTE

AJP-Cell continues to receive a large number of interesting papers, albeit, consistent with most other APS Journals, somewhat fewer (~10%) submissions than in 2008. One can speculate about possible reasons for these declines. For US authors, a key factor may be the efforts undertaken in recent months to submit grant applications and supplements in response to the American Recovery & Reinvestment Act of 2009 (“Recovery Act” or “ARRA”) that took precedence over writing papers! In addition to contributing to a decrease in submissions, efforts related to ARRA have also seemed to shrink the number of available reviewers. The Editors of AJP-Cell have experienced a greater number of declinations from colleagues whom we have invited to review manuscripts and who have stated that the reason was ARRA-related efforts. Hopefully, those potential reviewers will now again be available to provide their expertise on behalf of submissions to AJP-Cell. The Associate Editors and I thus encourage you to submit your best work to AJP Cell so as to maintain the high quality of the journal; we will do our best to provide a timely, helpful review of your manuscript.

We have had a change in our "editorial team". Bob Balaban has stepped down as an Associate Editor but we have been fortunate in recruiting Michael Goligorsky as a new member of our team. Michael adds expertise in several areas, including endothelial cells, angiogenesis and renal cell physiology. We welcome his participation.

In order to enhance the appeal of AJP-Cell for readers, we have increased the number of Editorial Focus articles, which seek to highlight original articles. In addition, we have been and will continue to publish Reviews on topics that we hope readers will find of interest. As an expansion of such Reviews, Sophie Latersztajn, one of the Associate Editors, has invited a series of Theme articles that will focus on autophagy and that we expect to publish toward the end of 2009 and early in 2010. We believe that these additional types of articles will make AJP-Cell even more valuable for readers by providing them with new ideas and discoveries in cell physiology. The Associate Editors and I welcome your suggestions for Review articles or other Theme topics.

We thank you for your continued interest in AJP-Cells. Please submit your papers, read the journal and cite its articles in your publications.

Paul Insel
Editor, AJP-Cell

TRAINEE ADVISORY COMMITTEE SECTION

It is my honor and delight to serve as your Cell Section Trainee Advisory Committee (TAC) Representative. The TAC’s charge is to help and assist the APS in supporting trainees at all levels and positions (from students, to postdocs, and even junior Faculty in industry, academic, or government positions). Specifically, my role is to facilitate communication between junior investigators and Cell Section Steering Committee members so that together, we can better address trainee needs and issues. As such, please do not hesitate to contact me if you have any questions, ideas, or trainee related concerns. Below are highlights and developments from the TAC that may be of particular interest to early career scientists and their mentors:
TAC SECTION CONT.

1. The TAC has developed an award known as the “Early Career Professional Service Award,” for an early career APS member who has demonstrated outstanding contributions through professional service. Information on this award ($1000 and complimentary registration for EB) can be found at http://www.the-aps.org/awards/society/earlycareer.htm.

2. Get on-line! Join our facebook group pages (TAC and CoMPS, visit the newly re-designed Trainee Web Page (http://www.the-aps.org/trainees/index.htm), and also sign up for the Trainee Listserv as well as the CoMPS Listserv. These online tools will keep you up-to-date and in-the-know on Trainee and CoMPS related topics.

3. The EB 09 symposium, entitled “Mentoring Strategies: Beyond the Bench” can be found online at http://www.the-aps.org/trainees/EBsympoia.htm. Invited speakers included: Drs. Gabriel Navar, Virginia Miller, Cathy Quinones, and Eldon Braun. The TAC symposium scheduled for EB 2010 is entitled “Publish, Not Perish: How to survive the peer review process”. We already know that it will take place April 26, 2010 at 3:15pm in Rm 303A of the Anaheim Convention Center. Mark your calendars and stay tuned!

Sincerely,
My N. Heims, Ph.D.
Trainee Advisory Committee Representative
Emory University

CELL AND MOLECULAR PHYSIOLOGY SECTION AWARDS

Requests for applications EB 2010

*** Nov 4, 2009 Abstract deadline***

*** Jan 15, 2010 Award Application deadline ***

New Investigator Award
($1,000 plus reimbursement of the advance EB registration fee)

Research Recognition Awards
(2 awards - $500 plus reimbursement of the advance EB registration fee for each)

Robert Gunn Student Awards
(2 awards - $300 plus reimbursement of the advance EB registration fee for each. Priority is given to an undergraduate researcher for the second award.)
CaMPS AWARDS CONT.

The Cell and Molecular Physiology Section solicits applications for its award categories at the Investigator, Post doctorate, and student levels. Please note that for the New Investigator Award, candidates must have a primary affiliation in the Cell and Molecular Physiology Section and be an APS member in good standing. For post doctorate and students applicants either the applicant or their mentor must meet the above criteria to be considered for an award. Please check your primary affiliation prior to submitting an abstract or award application. In addition all applicants must have a valid abstract/poster submitted and be present at the Experimental Biology Meeting. In previous years the qualified applicant pool has been small, although the quality of applicants has been impressive.

The abstract deadline for next year’s EB meeting is rapidly approaching, I strongly encourage all qualified members to submit an award application at the time of their abstract submission. In particular members who have sponsored undergraduate research students should encourage the students to apply for the Robert Gunn Student Award. Award details as well as Online Awards Application can be found at http://www.the-aps.org/meetings/eb10/awards/cell.htm. Awards are presented at the annual CaMP Section Banquet held at the EB Meeting.

Roger T. Worrell, Ph.D.
CaMPS Awards

PHYSIOLOGISTS IN INDUSTRY MESSAGE

The Physiologists in Industry Committee (PIIC) is committed to fostering interactions between the APS and industry. Below are some PIIC-sponsored events for Experimental Biology 2010 that CaMPS members won’t want to miss!

Symposia 2010: The PIIC is continuing its tradition of sponsoring high quality symposia relevant to industry and academic scientists. The annual PIIC Symposium at EB ’10 is entitled “Novel Opportunities for the Treatment of Heart Failure”. The symposium will highlight recent insights into mechanisms of cardiac function and failure while highlighting novel emerging therapies to treat heart failure. The program has commitments from Dr. Eva van Rooij, Ph.D. (UTSWMC and Miragen Therapeutics), Dr. John Burnett, M.D. (Mayo Clinic) and Dr. Daniel Bloomfield, M.D. (Merck Research Laboratories).

The committee has also successfully competed for the EB ‘10 Translational Physiology symposium; it is entitled “Integrins: New Insights and Therapeutic Targets”. The symposium will highlight recent advances regarding the structure, activation and signaling cascades in both physiological and pathological conditions as well as potential treatment approaches for a wide range of disorders including, inflammatory diseases, neurodegenerative diseases, cancer, cardiovascular disease, and antiplatelet/anticoagulant therapies.

Speakers for the Translational Physiology Symposium include Dr. Mark Ginsberg, M.D. (UCSD–Dept of Medicine), Dr. Eric Fedyk, Ph.D. (Millennium Pharmaceuticals, Inc.), Dr. David Schlaepfer, Ph.D. (UCSD – Moores Cancer Center), and Dr. Motomu Shimaoka, M.D., Ph.D. (Harvard University Medical School).

Novel Disease Model Award: A reminder that abstract submissions to EB ’10 are NOT that far away! The Novel Disease Model Award, sponsored by the PIIC and the APS, recognizes one graduate
PIIC MESSAGE CONT.

graduate student ($500) and one postdoctoral fellow ($800) who submit the best abstract describing a disease model that is novel or has significant potential to be applied to the drug discovery process. The application for the award can be found on by visiting the APS website and following the “Section Awards” link (“Physiologists In Industry”) from the EB’10 page, or by clicking on the “Committees” tab on the APS homepage and going to the PIIC page.

Kelly R. Pitts, Ph.D.
Physiologists in Industry Representative to CaMPS

CELL & MOLECULAR PHYSIOLOGY SECTION

SPONSORED EVENTS, EB 2010

Hugh Davson Distinguished Lectureship
of the APS Cell and Molecular Physiology Section
Sergio Grinstein
University of Toronto, Canada
Tuesday, April 21, 2010 at 3:15 pm

Cross Sectional Symposia

Endoplasmic Reticulum Stress at the Crossroad Between Fatty Liver, Leptin Resistance, Obesity, and Diabetes
Chairs: J.T. Villevoceo
Sunday, April 25, 2010, 10:30 am to 12:30 pm
Humoral Factors in Renal Injury and Hypertension
Chair: J.P. Granger
Monday, April 26, 2010, 3:15 pm to 5:15 pm
Novel Redox Signaling in Ion Channel Regulations and Pathophysiology
Chair: My Helms
Wednesday, April 28, 2010, 10:30 am to 12:30 pm

CaMPS Symposia

Ion Transport in Cancer
Chair: Cathy Fuller, University of Alabama at Birmingham
Co-chair: Ken Gagnon, Vanderbilt University
Sunday, April 25, 2010, 10:30 am to 12:30 pm

Systems Biology Approach to Monitor Intercellular Networks
Chair: Sylvie Breton, Harvard Medical School
Co-Chair: Bruce Molitoris
Monday, April 26, 2010, 3:15 pm to 5:15 pm

Cytoskeleton-associated motors and tethers in epithelial polarity and trafficking
Chair: Bruce Stanton, Dartmouth Medical School
Co-chair: Dennis Brown, Harvard Medical School
Wednesday, April 28, 2010, 8:00 am to 10:00 am
SPONSORED EVENTS CONT.

**CaMPS Featured Topics**

**Myofibroblast functions during fibrosis and cancer spreading**
Chair: Giulio Gobbiani, University of Geneva, Switzerland
Sunday, April 25, 2010, 8:00 am to 10:00 am

**Caveolar microdomains, signaling and disease**
Chair: Paul Insel, University of California San Diego
Monday, April 26, 2010, 10:30 am to 12:30 pm

**Epithelial Barrier Function in Inflammatory Bowel Diseases**
Chair: Michael Fromm, Freie Universitaet and Humboldt Universitaet, Germany
Tuesday, April 27, 2010, 8:00 am to 10:00 am

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**“JUST ASK DOUG” ON Facebook**

Be a CaMPS insider! Check us out on Facebook. The Cell and Molecular Physiology Section has recently created a Facebook page. We hope to create an on-line network to disseminate important information, post ideas and photos, and get discussions going. You can find us on Facebook under American Physiological Society CaMPS. Trainees in particular, have joined the group and have posted questions and comments on the wall. Doug Eaton, former APS president and lifelong educator, has replied to Jessica Armstrong’s question related to the peer review process. Check out what they had to say:

**Jessica Armstrong, University of Vermont Post Doc**

“Hi Doug. What are your views on investigators asking their post docs and graduate students to help them review papers they receive? Is it ethical? beneficial to the up-and-coming scientist? Thanks!”

**Douglas C. Eaton, Emory University**

Distinguished Professor and Chairman

“Dear Jessica, You ask a series of great questions. On receiving it, I immediately walked into the laboratory and asked one of the senior post-docs to write up a complete answer for me. She suggested that I should go and attempt something that is, at best, anatomically difficult if not impossible.

You are probably saying to yourself that it might be difficult to deal in a similar way with a request from your laboratory head; but your response does underscore the tacit problem hidden in your question. As the Pentagon boys would say, the relationship between a senior investigator and a post-doc or a grad student is asymmetric; all of the overt power is concentrated in the senior investigator with little opportunity for the junior investigator to project power (guerilla tactics seem like a poor idea in a lab). The asymmetric relationship is obviously beneficial to the senior investigator; on the other hand, the relationship is tolerated by the junior investigator because of the implicit, if not explicit, agreement that there is a mentor-trainee relationship between the senior and junior investigator. The post-doc or grad student is in effect an apprentice scientist.

It is in this context that the answer to your last question is “yes”. Regardless of the specific direction our careers take us, we will always be
“JUST ASK DOUG” CONT.

required to critical review written documents: grants, papers, business plans ... However, also in the context of the mentor-trainee relationship, the most valuable way for the trainee reviews to take place is if the mentor provides explicit feedback to the trainee about the quality of the review and provide the trainee with a copy of the final review.

Ethical issues rear their ugly heads in two ways. First, is it reasonable for a senior investigator to submit reviews as his or her own product when in fact the review has been “ghost written” by a trainee? This problem can be avoided by the senior investigator by simply acknowledging in the confidential comments to the Editor the source of the review and the fact that the senior investigator is in concurrence with the review. This is a common practice that I have seen as a former Associate Editor of the AJP and I use myself when submitting trainee-authored reviews.

The second problem arises in the context of the asymmetric relationship between mentor and trainee. It does occasionally happen that a senior investigator agrees to review a manuscript and after the fact realizes that there is a problem in finding the time to complete the review, at which point he or she may ask one of the fellows in the lab to help complete the review. The issue involves the original agreement to review. The senior investigator may feel pressure to agree (for example if he is on the Editorial Board), but agreement is not mandatory. If the senior investigator is agreeing with the expectation that he will ask one of the fellows in the lab to review the manuscript, then politeness suggests that the senior investigator asks the junior investigator whether he or she is willing to review the manuscript before the senior investigator agrees. Still, the asymmetric relationship may make a fellow uncomfortable in refusing to review the paper. A reasonable solution to this problem (particularly after a fellow has gained experience with the review process) is simply for the senior investigator to decline the invitation to review, but to suggest that Dr. Mary Jane or Dr. John Doe (fellows in his lab) are well-qualified to review the paper. This has the added advantage as beginning to establish the scientific credentials and reputation of the fellows (something the mentor-trainee relationship is supposed to foster).

Jessica, thank you for your perceptive question. I hope I have not answered with more information than you ever cared to know.

Yours, Doug Eaton.

PHOTO CONTEST*

Want to see your beautiful cell images featured in the next edition of the CaMPS newsletter? You can! Send your original images to Kelly Pitts (kelly.pitts@amgen.com) with a brief description by January 15, 2010. Members of the CaMPS committee will select a group of images to become the artwork for the spring newsletter. All featured images will include a caption referencing the “artist” and their affiliation. You won’t want to miss out on sharing your images with your fellow CaMP-ers!

*Featured images will be subject to a copyright transfer agreement to CaMPS
CaMPS BANQUET – EB 2010 (ANAHEIM, CA)

EB 2010 is drawing near, and this means that preparations for this year’s CaMPS Banquet (Monday April 26, 2010) are underway. Happily, attendance at the annual Banquet has been increasing over the past 3-4 years, and I would like to maintain that trend. EB has not been in Anaheim since 1994, so we have the opportunity to explore some new venues. Over the next month, if you have ideas or suggestions about improvements or location of the CaMPS Banquet, please email me (romero.michael@mayo.edu). Alternatively, you can use our newest communication route – Facebook (group is American Physiological Society_CaMPS @ http://www.facebook.com/group.php?gid=214270420610).

New this year:

* PRE-dinner mixer for Trainees

One of our trainees (Ryan Downey of Texas Tech) suggested this on Facebook. We thought it was a great idea to have our younger colleagues meet each other. As EB comes closer, we will put more info in the Newsletter. For up to the minute information, see the Facebook page! We will try to start a message board on the Facebook page to have a rough head-count.

* Banquet entertainment / theme

Since we’re in Anaheim (last Anaheim meeting was 1994) – are there particular venues that CaMPS would like to explore (there is always the somewhat kitsch-Disney theme). I would like some feedback on likes of the past few years. Music? I want to hear from you!

This is YOUR CaMPS section, and we want to have your input!

Michael F. Romero, vice chair CaMPS

CaMPS STEERING COMMITTEE

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Term ends: 2010
Dear CaMPS members,

When you make your reservation for EB2010, please remember that there is an exciting symposium on Saturday afternoon that deals with animal research and animal right activism. All of us doing animal research should be supportive, pro-active, and attend this symposium!

Eric Delpire

Animal Care & Experimentation Committee

Symposium: Trends in Animal Rights Activism and Extremism
Track: Public Policy
Sponsored by: Animal Care Committee
Date: Saturday, April 24, 2010, 3:15-5:15 PM
Location: Anaheim Convention Center, Room 303B

Chair: Bill Yates, Univ. of Pittsburgh

Researchers may wish to educate themselves on the new forms that animal rights activism has taken in recent years. Groups that operate legally are avidly using FOIA requests to obtain information about specific research projects. Meanwhile, the radical fringe of the movement has adopted some of the tactics pioneered by animal rights extremists in the U.K. This symposium will address key topics including how institutions should respond to requests for information made under the federal Freedom of Information Act or state open records laws; how an institution can respond effectively to an animal rights break-in; how to become a pro-active advocate for animal research; and how scientists can deal with the aftermath of an attack.

3:15 PM Introduction.
   Bill Yates, Univ. of Pittsburgh

3:25 PM Responding to FOIA and State Records Law Requests.
   Amy Blum, UCLA

3:50 PM How Institutions Should Respond to Animal Rights Break-ins.
   Paul S. Cooper, Univ. of Iowa

4:15 PM Responding to Threats Against Science: Going on the Offense.
   J. David Jentsch, UCLA

4:45 PM Public Outreach and the Early Career Scientist.
   Megan Wyeth, UCLA