

## Greetings From Sunny Charleston!



*Linda Jones, ASP President-elect, will become ASP President on August 4, 2007*

In 1996 **Leonard Grossweiner** said, “ASP should be a society in which members normally expect to attend the annual meeting and publish in the journal.”

Len Grossweiner was my graduate advisor. I used to approach him with my latest big ideas, almost always to have him explain to me why they wouldn’t work.

Sometimes I’d hold on to a big idea in order to savor it for a few days before he told me why it wouldn’t work.

People had these ideas long

before I did. And of course it was good to learn from the experience of others through a knowledgeable mentor like Dr. G. By the way, I’m on the market for a new mentor if anyone is available. I have finally decided that just because I AM a mentor doesn’t mean that I don’t need one myself. So the job is open.

In preparation to take the gavel from **Steve Ulrich** in August, I have been studying ASP newsletters from the last ten years. I see that many people have had the same big ideas that I have now for ASP and I see that people have worked very diligently through the years to keep the society on track. I would like to share with you some things I learned from the newsletter archives.

### Membership and Participation

In 1997, ASP President **Margaret Kripke** endeavored to increase participation in the society. Committee chairs were asked to recruit members from the roster and the mentoring committee was established. While an original goal of the mentoring committee was apparently to increase the participation of women in the society, the focus eventually became to support associate members. In 2002, an associate member was appointed to council. After the first 2-year term, the representative was replaced through a vote of the associate members. Council continues to

### IN THIS ISSUE

Message from the President-Elect .....	1
Letter from the Editor .....	2
ASP Election Results .....	3
Award for Govindjee .....	3
ASP Travel Awards .....	4
Recent Publications by ASP’ers .....	5
ASP Homepage Usage Statistics .....	5
Upcoming Events .....	6

think of ways to support associate members. **Lisa Kelly** hosted a party in her presidential suite for associate members in San Juan with beer and pizza. I hope this will become a tradition.

In 1998, the membership committee suggested that we identify and solicit non-members using *Photochemistry and Photobiology* and that we link with other societies. Membership has declined alarmingly and we can benefit from these suggestions from 1998. The current Council continues to solicit members from our journal and is working to collaborate with the **Radiation Research Society** on shared symposia, reciprocal membership, and joint topical focus groups. I’ll have more to report on this in the next newsletter. Interestingly, ASP met with RRS in 1978 in a combined meeting in San Juan. Again, these big ideas are nothing new!

Another potential source of new members is the up-and-coming field of low level laser therapy (LLLT). Did you know that the FDA has approved a comb device that claims to grow hair with red light? The FDA has decided that there is sufficient evidence that the device works. I didn’t believe it until I spoke with a person from the FDA. For better or worse, this is a huge advance for LLLT and I think it’s time that the ASP has a presence in this field. For the third year, **Photonics West** will include an LLLT symposium in

*(Continued on page 2)*

January of 2008 that will be very well attended. I contacted the chair (**Michael Hamblin**) and asked if I could present the basics of tissue optics as it relates to LLLT. He was most welcoming. I believe that the majority of the LLLT folks will be happy to have us help them sort out the science from the nonsense that is so pervasive on the web. This is a very promising area for new members and for industry support. What other emerging fields can the ASP embrace?

### Division representation

As I read through the newsletters, I noticed that until 2000, council members were elected to represent specific divisions. Council consisted of division representatives plus “at-large” councilors. Beginning in 2000, there was just one slate for council and the representation of each division has been variable, as shown below.

### Representation of ASP Divisions on Council

	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007*
Div 1	1	2	2	6	6
Div 2	1	2	1	1	0
Div 3	2	2	2	2	1
Div 4	4	3	3	1	10
Div 5	4	3	4	2	5

\*Ten councilors listed more than one affiliation.

This year, Council worked to increase representation of Divisions 2 and 3 through a balanced ballot. I hope to achieve better representation of divisions on the committees in the coming year. It is not clear whose “big idea” it was in the year 2000 to remove the concept of division-based representation from council, but this would be a good topic to re-visit. Please let me know your thoughts on this.

### Finances

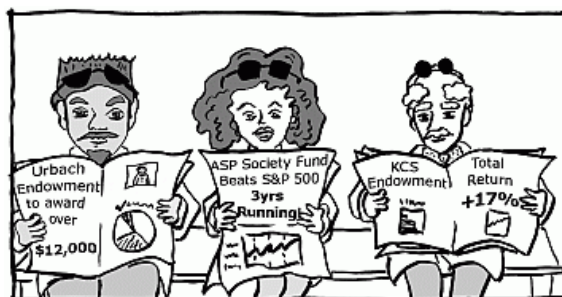
In 1997, assets were strong due to journal revenues. However, federal funding was becoming harder to obtain and electronic publishing was emerging, causing serious concerns for the future.

(Continued on page 3)

## Letter From the Editor

This issue of the newsletter features an article by **Linda Jones**, who will be ASP President on August 4. The financial situation of the ASP is one of many topics discussed by Linda. The society faced significant challenges several years ago, while adapting to the reduced revenue from *Photochemistry and Photobiology*. Happily, ASP finances are now very solid and our journal continues to thrive. You can help by contributing your best manuscripts to our journal or by making a tax-deductible contribution to our society.

The Urbach Travel Award, which allows ASP Associate members to attend ASP or ESP conferences, is one of our many successes. Later in this issue, **Miguel Miranda** announces the travel award winners, who will be attending the upcoming ESP meeting in Bath England (Sept 1-6, 2007).



Contribute to ASP's *Very Bright Future*  
[http://www.pol-us.net/ASP\\_Home/](http://www.pol-us.net/ASP_Home/)

### ASP News

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*Photobiology*  
[www.photobiology.org](http://www.photobiology.org)

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In 1999 a strategic planning committee was appointed. Some of their conclusions were:

1. A membership survey revealed a decline in the number of younger investigators. 80% of survey respondents said that an electronic newsletter would be welcome.
2. ASP changed its executive secretariat to Courtesy Associates in 2001. In 2002, ASP switched once again to Allen Marketing and Management.
3. It was noted that the annual meeting was drawing less than half of the membership and was a substantial expense to the society.

ASP assets declined from \$947k in 1999 to \$514k in 2003. Council worked diligently towards financial stability. In 2003, Council specified that the meeting budget must be balanced without recourse to Society funds, with the exception of travel awards for associate members. In 2004, Council created an endowment fund to preserve a portion of the Society's assets from further erosion. Business meetings began to be "virtual" and some of us sit on the phone at home for 6 hours rather than spending society money on airfare and hotel rooms. Printed membership directories were replaced with an online membership directory on the Allen web site. In order to save money, ASP joined the electronic age with online newsletters and most recently, with electronic elections. Under the very able care of **John Streicher**, our financial situation has stabilized. We can begin to turn our attention to the business of photobiology. More on that next time!

**Linda Jones**

ASP President-elect

## ASP Election Results

### President-Elect

David Sliney (divs 4, 5)

### Council Members

Helene (Lanie) Hill (divs 4, 5)

Bodo Diehn (divs 2, 3)

Diane Godar (divs 4, 5)

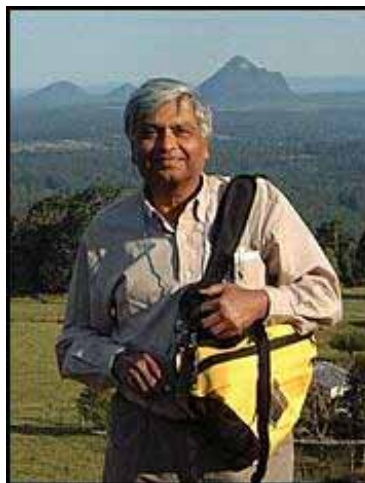
William Ward (divs 1, 3)



*David Sliney,  
future ASP  
President-elect.*

## Award for Govindjee

### 2006 Lifetime Achievement Prize of the Rebeiz Foundation for Basic Research



The first Lifetime Achievement Prize of the Rebeiz Foundation for Basic Research (RFFBR) will be awarded to Professor **Govindjee** on Saturday, June 16, 2007.

Govindjee is a former ASP president. This award recognizes Govindjee's outstanding contribution to *Photosynthesis Research* and his

continued distinguished service to the photosynthesis community.

Govindjee holds a BSc (Chemistry, Botany, and Zoology) and an MSc (Botany) from the University of Allahabad, India, and a PhD (Biophysics) from the University of Illinois, at Urbana. He joined the faculty of the University of Illinois at Urbana-Champaign as an assistant professor of Botany in 1961. In 1976 he was elected Fellow of the American Association for the Advancement of Science. In 1978 he received the Distinguished Lecturer Award of the School of Life Sciences, University of Illinois at Urbana-Champaign. In 1979 he was named Fellow and Life Member of the National Academy of Science in India. He served as the tenth president of ASP in 1981-82. He has been Professor Emeritus of Biochemistry, Biophysics and Plant Biology at the University of Illinois at Urbana-Champaign since 1999.

Govindjee has written over 400 articles, one book and edited 6 major books in the field of photosynthesis. In addition to his pioneering research in photosynthesis, primarily involving the mechanism of Photosystem II and of light emission by plants, he has contributed important works on the history of the field. One of his latest works is *Discoveries in Photosynthesis*, Springer, Dordrecht, edited by Govindjee et al. (2006). **Satish C. Maheshwari** wrote (*Current Science*, Volume 92, 246-248 2007):

*Discoveries in Photosynthesis is easily among the most outstanding and valuable books published in the biological sciences in the last 100 years. Insofar as the plant sciences are concerned, it*

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*may indeed be in the rank of a classic because it not only deals with one of the most remarkable processes sustaining life on our planet, but also because of its unique authoritative style where the greatest investigators of photosynthesis describe, in their own words the discoveries they have made or those made by their close colleagues, many of whom have passed away.*

Please see the following web site for a tribute to Govindjee:

[www.vlppb.org/  
GovindjeeLTACHMTAWRD0326071.html](http://www.vlppb.org/GovindjeeLTACHMTAWRD0326071.html)

**Linda Jones**

ASP President-Elect

## ASP Homepage Usage Statistics

**Counter Dates:** Dec 20, '06 to Feb 25, '07 (67 days)

**Total page views:** 2767 (avg of 41.3 per day)

Avg of 49.3 on each weekday

Avg of 22.5 on each weekend day

**Total unique visits:** 2077 (avg of 31.0 per day)

Avg of 31.1 on each weekday

Avg of 30.8 on each weekend day

## Urbach Travel Award Winners

The ASP is pleased to announce the winners of the Frederick Urbach Memorial Travel Award. This award supports the travel of Associate Members to the *2007 ESP Congress* (September 1-6, Bath, England). The ASP is grateful for the generous support of **AGI-Dermatics**, **The Charles Rivers Laboratory**, and Mrs. **Anne Spikes** in making this award possible.

Awardee	Affiliation	Mentor	Abstract
Scott Byrne	University of Sydney, Australia	Stephen E. Ullrich	The role of UV-induced chemokines in modulating immune responses
Cara L. Benjamin	M. D. Anderson Cancer Center, Houston, USA	Honnava N. Ananthaswamy	UV-induced carcinogenesis in a p53 mutant mouse model: increased sensitivity to skin damage by a point mutation at codon 172
Sarika Verma	Wellman Center of Photomedicine, Massachusetts General Hospital, Harvard Medical School, Boston, USA	Tayyaba Hasan	Enzyme-activated photosensitizers for use in antimicrobial photodynamic therapy
Sandra Connelly	Miami University, Oxford, Ohio, USA	Craig E. Williamson, David Mitchell	UV-B acute induction of DNA damage in <i>Daphnia spp.</i> : A study of variable repair strategies at 10 and 20 °C
Pawel Mroz	Wellman Center of Photomedicine, Massachusetts General Hospital, Harvard Medical School, Boston, USA	Michael R. Hamblin	Photodynamic therapy induces immunity against a -galactosidase expressing tumor
Thomas Stepinac	Wellman Center of Photomedicine, Massachusetts General Hospital, Harvard Medical School, Boston, USA	Tayyaba Hasan	The effect of photodynamic therapy on epidermal growth factor receptor signaling

**Miguel Miranda**

Chair, Grants & Awards Comm.



## Publications by ASP Members

### Glossary of Terms Used in Photochemistry

The journal *Pure and Applied Chemistry* has recently published the third edition of "Glossary of Terms Used in Photochemistry". The complete glossary is freely available as a PDF file from the IUPAC web site: [www.iupac.org/publications/](http://www.iupac.org/publications/)

This glossary is the product of 4 years of hard work by ASP member **Silvia E. Braslavsky** and many colleagues.

According to the manuscript, "Terms have been added related to molecular anisotropy, the use of polarized radiation, nonlinear optical phenomena, and the emerging field of computation of excited species. Some changes have been introduced in this Glossary regarding the terms related to radiation energy to make this collection fully compatible with internationally agreed-upon terms. Many links are included to various Web pages listing quantities relevant to the work of photochemists and scientists using photochemical tools."

### Photochem Photobiol "Symposium-in-Print"

The current issue of *Photochemistry and Photobiology* features a "Symposium-in-Print" that honors the contributions of **Eduardo A. Lissi**, Professor of Chemistry at the University of Santiago. Professor Lissi has played an important role in the growth of research in photochemistry and chemical kinetics throughout Latin America. During his long career, he has served as mentor for numerous ASP members, including **Silvia Braslavsky** and **Tito Scaiano**.

Professor Lissi has published over 450 scientific articles and nine chapters in books. His research has focussed on free radical-mediated oxidation and the antioxidant properties of natural products. More specifically, he has studied the anti- and pro-oxidant effects of red wine, photochemical smog, photochemistry in polymerization processes, and other topics.

In 1982, Professor Lissi organized the first ELAFOT (Encuentro Latinoamericano de Fotoquímica) meeting. These meetings are now held every two years, with the next meeting scheduled for the summer of 2008.

## 17th ESP Congress

Bath, England

Sept 1-6, 2007



*Pulteney Bridge in Bath, England  
(photo by Harry Wood,  
wikitravel.org)*



*Roman baths and the  
Abbey in Bath England  
(photo by Harry Wood,  
wikitravel.org)*



*A window in the Abbey in Bath England  
(photo by Sourav Niyogi, wikitravel.org)*

## Upcoming Events

**June 17 - 22, 2007**

*World of Photonics Congress*  
International Congress Center,  
Munich, Germany  
Web site: [www.global-electronics.net/id/35070](http://www.global-electronics.net/id/35070)

**July 8-13, July 22-27, 2007**

*Protein Purification: Principals and Practice*  
Center for Research and Education  
in Bioluminescence and  
Biotechnology (CREBB)  
Rutgers University  
New Brunswick, NJ  
E-mail: [crebb@rci.rutgers.edu](mailto:crebb@rci.rutgers.edu)  
Web site: [www.rci.rutgers.edu/~crebb/protein.html](http://www.rci.rutgers.edu/~crebb/protein.html)

**June 18-24, 2007**

*6<sup>th</sup> Congress of Russian Society of Plant Physiologists*  
Syktyvkar, Komi Republic, Russia  
Web site: [www.ib.komisc.ru/add/plant\\_phys2007/indexeng.html](http://www.ib.komisc.ru/add/plant_phys2007/indexeng.html)

**July 8-12, 2007**

*13th International Congress of Radiation Research Society*  
Marriott Hotel  
San Francisco, CA, USA  
Web site: [171.65.6.67/icrr2007/homeflash.htm](http://171.65.6.67/icrr2007/homeflash.htm)

**July 7-11, 2007**

*Plant Biology 2007*  
American Society for Plant Biology  
Chicago, IL  
Web site: [www.aspb.org/meetings/pb-2007/index.cfm](http://www.aspb.org/meetings/pb-2007/index.cfm)

**July 8-13, 2007**

*Gordon Research Conference Photochemistry*  
Bryant University  
Smithfield, RI  
Website: [www.grc.org/07sched.htm](http://www.grc.org/07sched.htm)

**July 23-24, 2007**

*II Iberian Course on Photochemistry*  
University of Algarve  
Campus de Gambelas  
Faro, Portugal  
Web site: [www.ualg.pt/jifotoq2/](http://www.ualg.pt/jifotoq2/)

**July 23-27, 2007**

*Photosynthesis 2007*  
Society for Experimental Biology  
Scottish Exhibition and Conference  
Centre  
Glasgow, Scotland  
Web site: [www.sebiology.org/Meetings/pageview.asp?S=2&mid=84](http://www.sebiology.org/Meetings/pageview.asp?S=2&mid=84)

**July 25-31, 2007**

*25<sup>th</sup> International Conference on Photonic, Electronic and Atomic Collisions*  
Freiburg Germany  
Web site: [www.mpi-hd.mpg.de/ICPEAC2007/index.php](http://www.mpi-hd.mpg.de/ICPEAC2007/index.php)

**July 29-Aug 3, 2007**

*23rd International Conference on Photochemistry*  
Cologne, Germany  
Web site: [www.icp2007.net/](http://www.icp2007.net/)

**September 1-6, 2007**



*12<sup>th</sup> ESP Congress*  
Bath, United Kingdom  
Web site: [www.esp-photobiology.it/congresses/conference2007.html](http://www.esp-photobiology.it/congresses/conference2007.html)

**September 1-6, 2007**

*12th European Conference on Spectroscopy of Biological Molecules*  
Bobigny (Paris region), France  
E-mail: Dr. Mahmoud Ghomi  
[ecsbm\\_07@smbh.univ-paris13.fr](mailto:ecsbm_07@smbh.univ-paris13.fr)  
Web site: [www.ecsbm.eu/](http://www.ecsbm.eu/)

**October 7-10, 2007**

*ISOP-07: International Symposium on Photochromism*  
Marriott Pinnacle Hotel  
Vancouver BC, Canada  
Web site: [www.isop07.org/](http://www.isop07.org/)

**December 9-14, 2007**

*7th International Conference on Tetrapyrrole Photoreceptors in Photosynthetic Organisms*  
Kyoto, Japan

Web site: [park.itc.u-tokyo.ac.jp/masuda\\_lab/7th\\_ICTPPO/index.html](http://park.itc.u-tokyo.ac.jp/masuda_lab/7th_ICTPPO/index.html)

**January 19-24, 2008**

SPIE BiOS 2008: Biomedical Optics  
Symposium and Exhibition  
San Jose, CA  
Web site: [spie.org/x13196.xml](http://spie.org/x13196.xml)

**Feb 2-6, 2008**

*16th IUPAB Congress*  
Long Beach, CA USA

**May 28-June 1, 2008**

*International Plant Photobiology Meeting (25th Annual Missouri Plant Biology Symposium)*  
Columbia, MO  
E-mail: [Mannie.Liscum@missouri.edu](mailto:Mannie.Liscum@missouri.edu)  
Web site: [www.biosci.missouri.edu/liscum/IPPM08.html](http://www.biosci.missouri.edu/liscum/IPPM08.html)

**June 15-19, 2008**

*17th World Hydrogen Energy Conference*  
Brisbane, Australia  
E-mail: [whec2008@icms.com.au](mailto:whec2008@icms.com.au)  
Web site: [www.whec2008.com/](http://www.whec2008.com/)

**June 20-25, 2008**



*34th ASP Meeting*  
Burlingame, CA USA

Web site: [www.asp2008.org](http://www.asp2008.org)

**June 27-July 2, 2008**

*ASPB-2008 American Society for Plant Biology*  
Merida Mexico

**July 28-Aug 1, 2008**

*XXII IUPAC Symposium on Photochemistry*  
Gothenburg, Sweden  
Web site: [photoscience.la.asu.edu/Goteborg2008/](http://photoscience.la.asu.edu/Goteborg2008/)

**June 18-23, 2009**

*15th International Congress on Photobiology*  
Duesseldorf, Germany.

# American Society for Photobiology



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\$120/yr Member (online access to *Photochem Photobiol*)

\$228/2-yrs Member (online access to *Photochem Photobiol*)

\$140/yr Member (printed version and online access to *Photochem Photobiol*)

\$266/2-yrs Member (printed version and online access to *Photochem Photobiol*)

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