

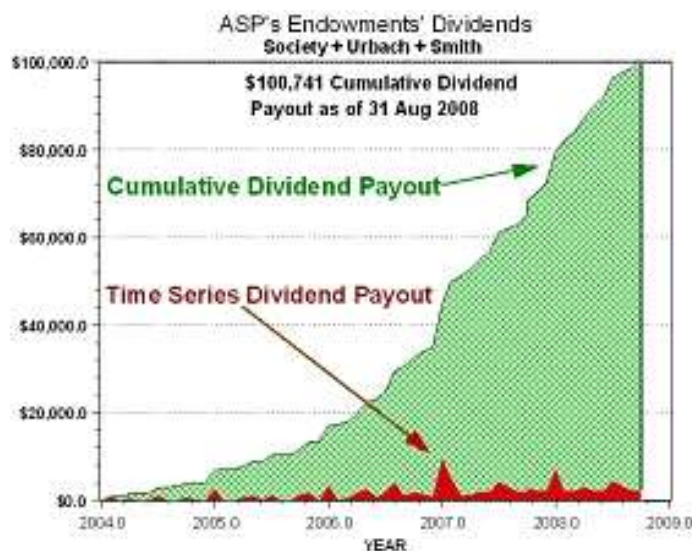
Financial Update

The ASP operated at a surplus in Fiscal 2008: \$29,000 in the black. This was the first operating surplus since Fiscal 1999, and only the 3rd surplus in the last 13 years. A concerted effort by successive Councils to scrutinize society expenditures deserves much of the credit. An efficient Secretariat has been indispensable for the operation of an organization of our size. Proactive leadership from our journal editor helped to transition *Photochem Photobiol* to stable profitability with Wiley-Blackwell. Extraordinary generosity from our members has made possible the establishment of three endowment funds that provide additional financial support to the ASP.

Membership in the ASP provides many intangible benefits, but two benefits are clearly tangible, namely access to *Photochem Photobiol* and participation at our biennial meetings. Both our journal and our meetings serve a community that extends beyond our members, thus providing an opportunity to derive revenue from a larger population. Our revenue sharing agreement with Wiley-Blackwell insures that journal operations are profitable for the ASP. Our meetings, however, are not a shared venture. We own all the profit or loss. Organizing and running meetings of the size and duration of our recent San Francisco or Puerto Rico efforts is a major choreography that is orchestrated by two presidents and the executive secretary. The art of budgeting for these meetings ultimately involves educated guesses about attendance and sponsorships. The former is largely based on past experience and current membership numbers and the latter on the state of the economy. The Puerto Rico meeting made a profit of \$14,000 but the San Francisco meeting lost \$18,000. This difference is attributable to the healthier state of the economy in 2006 vs. 2008 and a slight decline in membership from 2006 to 2008. While the vitality of the economy seems to be beyond anyone's control, increasing membership is attainable and must be our top priority for the next several years. The attendance of 36 additional members at the San Francisco meeting would have brought us to the break-even point.

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We began Fiscal 2009 (on September 1) with a healthy cash balance in our operations accounts. Income from endowment funds has been relatively

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unaffected in the short term by financial market declines, but if depressed valuations continue or worsen, then the revenue from these investments will inevitably diminish. The cumulative income that our endowments have paid into our operating accounts now exceeds \$100,000 (see Figure). Endowment income is now an important component of ASP's financial picture.

As the calendar year-end approaches, please consider making a tax-deductible donation to one of ASP's endowments.

John Streicher
ASP Treasurer

Photobiology Meetings IUPB



Düsseldorf lies on the Rhine River, in western Germany.

The 15th International Conference on Photobiology, sponsored by the International Union for Photobiology, will be June 18-23, 2009 in Düsseldorf, Germany. **Jean Krutmann** is the local organizer. For more information, visit the ICP-2009 web site: www.iuf.uni-duesseldorf.de/ICP2009.

ESP



Wroclaw town square in southeastern Poland .

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Letter From the Editor

Web Site News

On April 22, 1993, the release of Mosaic 1.0 (the first graphical web browser) marked a turning point for development of the web. On February 14, 1995, **Dennis Valenzano** began Photobiology Online (POL), a web site for the ASP and ESP. At that time, the Google guys (**Larry Page** and **Sergey Brin**) were mere students at Stanford University and some of us were trying to figure out what a “web browser” was.

If you have visited the ASP web site lately, you will have noticed that all content from Photobiology Online has been incorporated into the ASP pages. In particular, the left-menu on ASP pages now lists “Publications”, “Other Photobiology Societies”, and “Photobiology Events”. The ESP has long had its own web site at www.esp-photobiology.it. The IUPB now has a new site at www.pol-us.net/iupb (for which they made a generous contribution to the ASP Urbach Travel Fund).

Our web site has long been hosted by the University of Kansas Medical Center, a legacy of Dennis Valenzano’s former position in Kansas. We plan to change servers in the coming months, but the transition should be smooth and you will still access our web site at www.photobiology.org. Please be patient if there are a few hiccups.

Finally, **Kendric Smith** has been updating and revising “Photobiological Sciences Online”, at www.photobiology.info. This online photobiology textbook is derived from the “Digital Photobiology Compendium”, also developed by Dennis Valenzano. The old modules have been revised, new modules have been added, and more modules will be added as they become available.

Please let us know what you think of our recent developments and feel free to make suggestions!

ASP News

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www.photobiology.org

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The 13th European Society for Photobiology Congress will be in September of 2009 in Wroclaw Poland. The local organizer is **Piotr Ziolkowsky**.

ASP



University Hall at Brown University, constructed in 1770, is the oldest building on campus.

The 35th Meeting of the American Society for Photobiology will be Aug 12-16, 2010 at Brown University in Providence, RI. The organizers are **Linda Jones** and **David Sliney**.

Colin F. Chignell

Rest in Peace

Colin Chignell, NIEHS chemist and ASP charter-member, died unexpectedly on July 16 at age 70 in a drowning accident near North Myrtle Beach, SC while on a family vacation.

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Welcome New Members!

If you attended the ASP-2008 Meeting in Burlingame, CA and met new friends, a mentor, or old friends, you can look them up in the online ASP directory to keep in touch. It will help you when attending the ASP-2010 meeting at Brown University (Providence, RI) on August 12-16, 2010.

Welcome to all of you! If you need help or further information, please feel free to contact me at: 785-843-1234 x 210 or e-mail:

lhardwick@allenpress.com

-Linda Hardwick

ASP Executive Secretariat

New Associate Members for 2008

Peter Schouten	Joanna Turner
Heather McGee	Laetitia Rene-Boisneuf
Liliana Jimenez	Maria Gonzalez Bejar
Kim Mongrain	Brian Fahlman
Joerg Liebmann	Imene Chebbi
Janusz Dabrowski	Patricia Soo Ping Thong
Ram. Bhuvanewari	Frances Downs
Neeraj Agarwal	Noemi Rubio
Baozhong Zhao	Manivannan Ethirajan
Jae Youn Hwang	Syed Musthapa Meeran
Max Myakishev	Shiyong Wu
Myriam Rodriguez	Minh Lam
Ann Sibal Samia	Madhavan Narayanan
Priyanka Agharkar	Goutham Kodali
Sean Knauff	Jane Buchanan
Daryl Reynolds	Noemi Rubio
Baozhong Zhao	Anurag Gupta
Manivannan Ethirajan	Theresa Sands
Anurag Gupta	Chong Fang
Jyotishman Dasgupta	Tim Tirrell
Joseph Campanale	

New Members for 2008

James Duncan Carroll	Ratan Singh Ray
Judy Kim	Debra Harrison
Koji Nakanishi	Anna-Liisa Nieminen
Ann Snyder	Michele Grimbaldston
Dmitry Bochkariov	William Jenks
Michelle Abadir	Keith Cengel
Amminikutty Jeevan	Jeri-Anne Lyons

Welcome Back!

Neal Woodbury	Jarah Meador
Andrija Kornhauser	George Papadantonakis
Carlos Torres-Diaz	

(Continued from page 3)

Colin F. Chignell received a Bachelor of Pharmacy degree in 1959 and a Doctorate in Medicinal Chemistry in 1962, both from the University of London, UK. In 1977, he moved to the National Institutes of Environmental Health Sciences in Research Triangle Park, North Carolina, where he held a variety of administrative positions, including chief of the Laboratory of Environmental Biophysics and Laboratory of Molecular Biophysics. Colin was a principal investigator in the Photosensitization Reactions Group in the NIEHS Laboratory of Pharmacology at the time of his death.

Colin published more than 220 peer-reviewed articles in leading biomedical journals, as well as more than 30 book chapters and reviews. Colin's scientific publications serve as paradigms of clear, accurate, and concise writing. Colin had a broad scope of interests in toxicological photochemistry and photobiology, as exemplified by his numerous publications in these areas. In recent years he moved his research increasingly from the more basic molecular level to the cellular level, using keratinocytes and other cells as *in vitro* models for testing phototoxicities of drugs, cosmetics, and other agents such as nanoparticles being developed for drug delivery.

Colin displayed great versatility in his work, always welcoming new collaborators and always adapting to or leading the way to new scientific developments. Colin had outstanding teaching capabilities and was an inspiring mentor to many postdoctoral fellows and doctoral students from different countries. For many of them, the training and research expertise gained in the Chignell laboratory was absolutely essential for development of successful scientific careers.

His lectures and symposium talks were beautifully organized and crystal clear, making him a joy to listen to. As a charter member of ASP since 1972, he was a strong supporter of the Society and served as a council member from 1994 to 1997. Colin was a consummate scientist, an outstanding teacher, and a colleague and friend to many. His personal style of interaction was modest and understated, and he had a wry sense of humor, one of his most endearing traits. Colin is survived by his wife, Anke, two children, and two grandchildren. All of us who were close to him will miss him dearly.

-Joan Roberts, Al Girrotti, Gary Buettner, Ann Motten, and Yu-Ying He

Contributors to ASP

The ASP would like to thank the following members for their recent contributions to the various ASP endowments and award funds. Your future support of the ASP is greatly appreciated.

ASP Contributors

Helene Hill	Wilbur Cyr
Thomas Foster	Arthur Stern
Glen Loppnow	Herbert Kern
Linda Jones	Richard Setlow
Emmanuel Ojadi	

Keyword Search Project

I would like to thank the following individuals for volunteering their time to help on the ASP Keyword Search Project and our effort to recruit new members.

Henry Lim, Shiyong Wu, Dariusz Leszczynski, Carmelo Garcia, Jarah Meador, Wolfgang Gärtner, Ed DeFabo, Howard Cyr, Terry Murphy, Joe Sullivan, Helene Hill, Scott Byrne, David Mitchell, Peter Ensminger, Rodrigo Goncalves, Thierry Douki, H. Lyman, Jorg Liebman, Pat Neale, Georg Wondrak, Sandi Connelly, John Kemerer, Theresa Busch, Alkis Bais

Without your help this project would not be realized so quickly. If I have forgotten anyone, please let me know so you too can be recognized, as I appreciate all the help that has been graciously given.

-Linda Hardwick

ASP Executive Secretariat

ASP Homepage

Usage Statistics

Counter Dates: July 15 to September 28, 2008 (75 days)

Total page views: 3600 (avg of 48.0 per day)

Total unique visits: 1805 (avg of 24.1 per day)

Visits by Continent

North America	62%
Europe	17%
Asia	14%
South America	2%
Africa	1%
Unknown	4%

IUPB Awards

Call for Nominations

On behalf of the International Union of Photobiology (IUPB), I am pleased to inform the photobiological community that the IUPB will select distinguished researchers for presentation of the **Finsen Medal**, **Edna Roe Lecturer**, and **Finsen Lecturer**. These awards will be given at the International Congress of Photobiology, which will be held in Düsseldorf, Germany on June 18-23, 2009. I would like to invite you to nominate candidates for these awards. Please mail or e-mail nomination letters to the President and Secretary-General of the IUPB (listed below) by **January 15, 2009**.

IUPB President

Prof. Masamitsu Wada
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Faculty of Science
Kyushu University
Fukuoka 812-8581, Japan
wadascb@mbox.nc.kyushu-u.ac.jp

IUPB Secretary-General

Prof. Herbert Hönigsmann
Department of Dermatology
Medical University of Vienna
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A-1090 Vienna, Austria
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Finsen Medals are awarded to distinguished photobiologists for their outstanding life-time contributions to the photosciences.

Edna Roe Lecturers are promising photoscientists who have achieved breakthroughs or similar accomplishments in the photosciences. Traditionally, most Edna Roe Lecturers have been women.

Finsen Lecturers are promising photoscientists who have achieved breakthroughs or similar accomplishments in the photosciences.

For more details and lists of previous awardees, please see the IUPB web site: www.pol-us.net/iupb

-Masamitsu Wada
IUPB President

Research Award of the Jörg Wolff Foundation

Arnold Rikli-Award 2008

For photobiological investigations in relation to human beings, we hereby announce the 10th Arnold Rikli-Prize in the amount of 10,000 Euros for the year 2008.

The prize was originally awarded by the Institute Freidrich Wolff (Riehen, Switzerland) and was established in 1989. **Jörg Wolff**, brother of the former sponsor, now continues this tradition and the Jörg Wolff Foundation announces the prize every year.

The submitted reports should cover investigations on biological effects of optical radiation (ultraviolet, visible, and infrared radiation). They should be of direct significance for human medical practice or provide guidelines for future research.

Unpublished papers, or papers published after January 1, 2006, must be submitted in English or German language and be delivered to the address below by **March 31, 2009**. Two copies are required. The submission should focus on one specialty. An additional abstract of no more than 300 words should outline the research and its significance. If the submission is *in cumulo* (five studies at most), a brief explanation should be provided that unites the presentations. It is suggested that a letter of support be included.

An independent jury will evaluate the submissions and nominate a winner. Presentation of the award will be at the 15th International Congress on Photobiology (June 18-23, 2009) in Düsseldorf (Germany).

Submission Address

Dr. Peter Bocionek
c/o JW Holding GmbH
Kölner Straße 8
D-70376 Stuttgart
Germany

Research by ASP Members Photoreceptors and Signal Transduction

The July/August issue of *Photochemistry and Photobiology* is a Symposium-in-Print on "Photoreceptors and Signal Transduction". This issue is dedicated to **Fumio Tokunaga** in celebration of his long career and his recent retirement from Osaka University.



Professor Fumio Tokunaga, Osaka University.

The diversity of the topics covered in the 30 articles of this Symposium-in-Print parallel the diverse research interests of Tokunaga-san over the past 35 years. These articles include studies of rhodopsin-G protein interactions, Haloarchaeal sensory rhodopsin, photoreaction of the Photoactive Yellow Protein, and photoreaction of zebrafish Cryptochrome-DASH.

In the 1970's, Tokunaga-san worked for two years with long-time ASP member **Thomas Ebrey** at the University of Illinois. In these studies, Tokunaga-san designed artificial bacteriorhodopsin pigments and studied these novel pigments by use of absorption and circular dichroic spectroscopy. His subsequent work focussed on rhodopsin, bacteriorhodopsin, phytochrome, PYP, and molecules involved in the phototransduction of visual pigments.

Tokunaga-san has published 13 articles in *Photochemistry and Photobiology*, the most recent of which is entitled "Presence of Rhodopsin and Porphyropsin in the Eyes of 164 Fishes, Representing Marine, Diadromous, Coastal and Freshwater Species: A Qualitative and Comparative Study".

(adapted from ASP web site)

Photos from ASP-2008 Burlingame, CA



Upcoming Events

Interactive Map & Timeline:

www.pol-us.net/meetings.html

October 4-8, 2008

5th European Meeting on Solar Chemistry and Environmental Applications
Palermo, Italy
Web site: spea5.altervista.org/

October 18-20, 2008

IV Latin American Congress of Photobiology
Porto Alegre, Brazil
Web site: www.LSPP.net

Oct 22-25, 2008

1st International Conference on Dermatotoxicology
Bilderberg Kasteel, Vaalsbroek, The Netherlands
Web site: www.iuf.uni-duesseldorf.de/dermatotox2008/

Nov 27-29, 2008

Photosynthesis in the Global Perspective
Indore City, India
Web site: www.schooloflifesciencesdauniv.org/

Dec 1-6, 2008

Fotosciencias 2008: III Symposium & School of Photobiology, Photochemistry and Photophysics
Havana, Cuba
Web site: www.imre.oc.uh.cu/
E-mail: mayrap@fisica.uh.cu
Telephone: (537) 8781004/06 ext. 224

Jan 4-9, 2009

Protein Purification: Principles and Practice
New Brunswick, NJ (USA)
Web site: www.rci.rutgers.edu/~crebb/ProteinPurificationTitlePage.htm

Jan 11-16, 2009

Plant Sensing, Response and Adaptation to the Environment
Big Sky, MT (USA)
Web site: www.keystonesymposia.org/Meetings/ViewMeetings.cfm?MeetingID=1009

Jan 24-29, 2009

BiOS/LASE/MOEMS-MEMS/OPTO (Part of Biophotonics West)
San Jose, California, USA
Web site: spie.org/photonics-west.xml

March 15-20, 2009

Protein Purification: Principles and Practice
New Brunswick, NJ (USA)
Web site: www.rci.rutgers.edu/~crebb/ProteinPurificationTitlePage.htm

June 11-15, 2009

2009 International Photodynamic Association World Congress
Seattle, WA
Web Site: www.pms.ac.uk/ipa/congress2009.php

June 18-23, 2009

15th International Congress on Photobiology
Duesseldorf, Germany
Web site: www.iuf.uni-duesseldorf.de/ICP2009/index.html

June 28 - July 3, 2009

GRC: Photosynthesis
Smithfield, RI (USA)
Web site: www.grc.org/meetings.aspx?year=2009

July 5-10, 2009

GRC: Photochemistry
Smithfield, RI (USA)
Web site: www.grc.org/meetings.aspx?year=2009

July 8-10, 2009

Plant ROS-2009: Society for Free Radical Research International
Helsinki, Finland
Web site: pog2009.org/

July 18-22, 2009

ASPB-2009 (American Society for Plant Biology)
Honolulu, HI (USA)
Web site: aspb.org/meetings/

July 19-24, 2009

GRC: Chronobiology
Newport, RI (USA)
Web site: www.grc.org/meetings.aspx?year=2009

July 26-31, 2009

ICTPPO 2009: International Conference on Tetrapyrrole Photoreceptors in Photosynthetic Organisms
Asilomar Conference Center
Pacific Grove, CA

Aug 16-21, 2009

GRC: Laser Diagnostics in Combustion
Waterville Valley, NH (USA)
Web site: www.grc.org/meetings.aspx?year=2009

Sept 2009

2009 ESP Congress
Wroclaw (Poland)

July 3 - Aug 5, 2010

Plant Biology 2010: American Society of Plant Biologists & Canadian Society of Plant Physiologists
Montreal, QC (Canada)
Web site: aspb.org/meetings/pb-2010/

Aug 12-16, 2010

ASP-2010: 35th Meeting of the American Society for Photobiology
Brown University
Providence, RI (USA)

Upcoming SPIE Events

Web site: spie.org/x1375.xml

Upcoming Plant Biology Events

Web site: aspb.org/calendar

Upcoming Chemistry Events

Web site: www.chemistry.org