



The Seattle Space Needle with Mount Rainier in the background. Photo courtesy of Seattle Convention and Visitors Bureau.

## 32<sup>nd</sup> Annual ASP Meeting July 10-14, Seattle, WA

Through a lot of hard work, the committee members and chairs of symposia have developed an informative, diverse, and scientifically stimulating program for the upcoming Seattle meeting. An outline of the meeting program is printed later in this issue of *ASP News*. A PDF file of the complete program and abstracts is currently available on the ASP homepage, [www.photobiology.org](http://www.photobiology.org).

The meeting will start at 5PM on Saturday, July 10, with a keynote address by **Rox Anderson** (Wellman Laboratories, Massachusetts General Hospital) entitled "Making Light of Photoaging". Lectures by awardees and by the President will be on Sunday morning. A joint ASP/ESP symposium on UV and global climate change is scheduled for Monday morning. Each day, a 12-2 PM time slot is reserved for visiting the exhibits and poster viewing.

The Committee has made special efforts to achieve a balanced program for all divisions of the ASP. Divisions 1 and 2 each have three symposia; Divisions 3 and 5 each have four symposia; and Division 4 has seven symposia. In addition, we have organized three contributed papers sessions and three photobiology school lectures.

The "Welcome Reception" will be on Saturday evening, immediately following the keynote address. The highlight of our social events is the Tuesday

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evening banquet, which will be at Pier 57 on Seattle's waterfront. The restaurant features amazing views of the Puget Sound and of the city. Guests will love the nautical atmosphere evident throughout this unique and historic facility, where trade between Seattle and Japan began in 1896. **Space is limited, and selling fast.** For those who have not signed up for the banquet, please do so ASAP!

Westin Seattle, the venue of the meeting, is located in downtown Seattle. It is an excellent hotel with superb meeting facilities. There are multiple shops and restaurants within a few blocks of the hotel. The Aquarium, Pike Place Market, and Seattle Art Museum are within 15 minutes by foot, and the Space Needle and Seattle Center are 1 monorail stop away. The great location and comfortable July weather make this meeting ideal for bringing your family so

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you can all enjoy the beautiful Pacific northwest.

For those of you who have not registered for the meeting, please do so soon. In order to secure a favorable room rate, the ASP has guaranteed the hotel that we will use a set number of room nights. Therefore, it would benefit the Society if as many of the meeting participants as possible stay at the Westin. Kindly consider this when making your lodging arrangement – you will be supporting the ASP by doing so!

I look forward to seeing many of you in the Emerald City in July!

**Henry W. Lim**  
Chair, Scientific Program Committee



*The Seattle Art Museum, designed by Robert Venturi, is an easy walk from the ASP venue at Seattle Westin. Photo courtesy of Seattle Convention and Visitors Bureau.*

## ASP Mentoring Luncheon



Are you an associate member interested in meeting established members of the society? Do you wonder what paths their careers have followed or

how they chose the field of photobiology? This is your opportunity to ask those questions and more.

Are you an established member of the society interested in mentoring associate members? Are you willing to share your career experiences and discuss how you chose the field of photobiology? This is your opportunity to meet the younger members of the society.

If you answered ‘yes’ to any of these questions, then you should attend the mentoring lunch on Sunday, July 11 at 12:00 at the ASP Annual Meeting. The number of attendees is limited, so please email Linda Harwick, lhardwick@allenpress.com, to reserve your space at the ASP Mentoring Luncheon.

**Laura Lamb McGuckin**

## Letter from the Editor Do You Chihuly?



*Dale Chihuly, a Tacoma-based artist who has been credited with revolutionizing the Studio Glass Movement, with some of his creations. Photo courtesy of www.chihuly.com.*

While you’re at the ASP meeting in Seattle this summer, why not take a break to enjoy some of the cultural offerings that are within walking distance of our hotel?

I suggest a visit to one of the many Seattle places that display glass sculptures from the studio of **Dale Chihuly**, a Tacoma-based artist who is credited with “revolutionizing the Studio

Glass Movement”. Although Chihuly is blind in one eye following an automobile accident, and therefore lacks depth perception, he has nonetheless revolutionized modern art by using teams of artists to create large-scale blown glass sculptures.

Chihuly glass sculptures have been featured in major shows throughout the world, including Venice (“Chihuly Over Venice”, 1995–96), Jerusalem (“Chihuly in the Light of Jerusalem”, 2000), London (Victoria and Albert Museum, 2001), and Japan (Ukai Museum, 1997).

The best place to see Chihuly’s work is the Tacoma Art Museum, about 20 miles south of Seattle. However, Seattle itself has numerous places to see Chihuly sculptures, many within a few blocks of our hotel. I suggest visits to the North Mezzanine of City Centre (1420 Fifth Ave), The Foster White Gallery (1331 Fifth Ave), and the lobby of the Sheraton Hotel (1400 Sixth Ave). For more information, visit the Chihuly web site at [www.chihuly.com](http://www.chihuly.com).

### **ASP News**

*Published quarterly by the American Society for  
Photobiology*  
[www.photobiology.org](http://www.photobiology.org)

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## Farewell from Tom Moore

I want to thank you all for giving me the opportunity to serve the ASP as President. Working with the Secretariat, the Council, past Presidents, journal editors, the newsletter editor, the President-elect, and many other ASP members has been a terrific experience.

My year as President has brought changes in the way the ASP will conduct its affairs in coming years. The Council worked diligently with the Executive Committee and our Treasurer, **John Streicher**, to enact a budget that will improve our financial state. We expect that our reserves will reach endowment-level amounts so that sustainable support of society projects will be possible in the foreseeable future.

Our journal is moving toward the electronic publishing frontier underpinned by sound financial footing, imaginative ideas, and a commitment to expand its role in disseminating the latest and best work in photobiology and photochemistry. ASP's web presence is much improved and an informative and delightful quarterly newsletter brings us up-to-date. The Council has passed a motion that allows biennial ASP meetings and that gives the Council flexibility in scheduling future meetings so that our interactions with related societies, such as the International Congress on Photobiology, are improved. We hope that these actions will strengthen the ASP and enhance its ability to achieve its goals of serving as a forum for photobiology research and as an interface for photobiologists with the public, governmental funding agencies, foundations, and industry.

It is crucial for the ASP to pursue these goals because, in addition to providing a scientific framework for understanding the role that light plays in the ecosphere, nature's photobiological processes offer paradigms for new materials, catalysts, and sustainable energy production. Exploiting these paradigms to meet the imperative of sustainable occupancy of earth will require investments in research at levels rivaling those of the Department of Health and Human Services or Department of Defense. These levels can only be achieved by reevaluation of national priorities. In my view, the ASP and related societies must be strong and effective advocates of private and public funding of the research necessary for humans to achieve sustainability.

**Tom Moore**  
ASP President

## ASP Election Results and Award Winners

### Election Results

- **President-Elect**  
Lisa Kelly
- **Council**  
Janet Morgan  
Edward De Fabo  
Patrick Neal  
Donna Kusewitt



*Lisa Kelly, ASP  
President-Elect.*

### Award Winners

- **ASP Lifetime Achievement Award**  
Margaret L. Kripke  
M.D. Anderson Cancer Center
- **ASP New Investigator Award**  
Stacey Harmer  
University of California, Davis
- **ASP Research Award**  
Jean Cadet  
CEA Grenoble, France

## Bite of Seattle

### The Northwest's Premier Food Festival

From July 16-18, just after our annual meeting, you can celebrate "Bite of Seattle" at the nearby Seattle Center. There will be more than 100 food booths that serve dishes such as Indian Masala Salmon, Vietnamese Banh Bao, Hawaiian Huli Huli Chicken, and Louisiana Gumbo. To wash down all this food, you can also visit one of the four beer gardens or the wine tasting exhibit.



Finally, for your postprandial pleasure, you can relax in front of one of the five outdoor entertainment stages that will feature acts by more than 150 groups. If you need a laugh, you can visit the Comedy Club at the adjacent Fisher Pavilion Building or you can stop by the Family Fun Zone where kids can participate in interactive games to win prizes. There's even a "Kids Karaoke" for budding performers.

Bon Appétit!

**PAE**

## Changes at *Photochem Photobiol*

We would like to announce several significant changes that have taken place on the *Photochemistry and Photobiology* web site, [www.aspjournal.com](http://www.aspjournal.com). This represents our commitment to responding to the rapidly changing world of electronic publishing.

**ASAP Publications.** If you go to this web site, you will see a link called "ASAP". This is an open access (no password required) site where all papers accepted for publication are placed during the production process. The publication date of each paper is the date the manuscript is posted on the ASAP site and this date is also indicated in the final printed copy. In this manner, the paper becomes available very soon after acceptance by the editorial office. The document displayed on the ASAP site is not type set, but is a PDF file of the final files submitted by the author. Once the hard copy is published, the electronic version of the paper is available on the journal web site and on BioOne.

**CrossRef.** Earlier this year we registered *Photochemistry and Photobiology* with CrossRef (<http://www.crossref.org/>). As stated on their website "the specific CrossRef mission is to be the citation linking backbone for all scholarly information in electronic form." With CrossRef, each published article on the on-line journal site has three entries: abstract, full-text article, and PDF version. For full-text articles, there are extensive hyperlinks between cited references and the source articles. This is a principle advantage of CrossRef, and is made possible because journals now identify each paper with a unique Digital Object Identifier (DOI), which identifies a paper in the online environment. Once assigned, the DOI is a permanent link to the paper, regardless of the version or changes in ownership of the electronic media. Therefore when we assign a DOI to an article upon posting on the ASAP site, this DOI will link to the type-set article once the printed version of the journal is published.

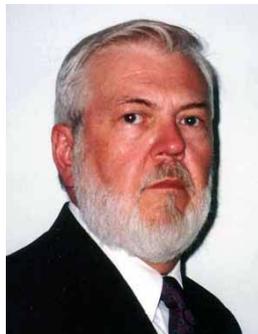
**New Cover.** In July, *Photochemistry and Photobiology* will have a new cover. Many ASP members suggested great ideas for the cover of the Journal. We thank **Sergio Coelho** and the FDA Photosciences group for creation of the new background used on the cover.

We also thank all of you for your support of *Photochemistry and Photobiology*. If you have suggestions for how we can improve the journal, or if you are interested in organizing (or have suggestions

for) symposia-in-print, or suggestions for timely review articles, please feel free to contact me, [jsimon@duke.edu](mailto:jsimon@duke.edu).

**John D. Simon**

Editor, *Photochem Photobiol*



## John Connolly

### Rest in Peace

With great sadness and a sense of nostalgia, I write the obituary for **John Connolly**, who passed away on December 25<sup>th</sup>, 2003. John completed his BS in 1957 at Carroll College, an MS in

1960 at the University of Minnesota under the supervision of **Robert Livingston**, and a PhD in 1969 at Brandeis University under the guidance of **Henry Linschitz**. John and Henry maintained a great friendship and mutual respect throughout John's life. During John's years at SERI (Solar Energy Research Institute) he made fundamental contributions to the understanding of energy and electron transfer in systems with porphyrins and chlorins. In addition to his original publications, he co-authored several book chapters and in 1981 edited a collection of articles, *Photochemical Conversion and Storage of Solar Energy*.

I met John for the first time in 1986 during the IUPAC-sponsored Photochemistry Symposium in Lisbon. We talked a lot during our excursions to old churches and to Finisterre. In addition to our scientific interests, we also shared interests in photography, great admiration for several scientists (including Henry Linschitz), and similar political inclinations. Three years later, John came to Mülheim with a Fulbright fellowship to explore the possibilities of laser-induced optoacoustic spectroscopy as applied to electron transfer reactions and to study some of his donor-acceptor compounds. We performed many experiments whose results we could not understand, leading us to spend many hours in discussion, learning from one another. I very much appreciated his knowledge, experience, and ability to see the big picture in science, as well as his constant interest in acquiring the necessary basic understanding to make possible the use of solar energy. He devoted great efforts to thinking about the possibilities of and limits to the use of solar energy. John was always upset about the ways

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energy resources were (and are) wasted in industrialized countries.

John's virtues were many. He was very generous, careful with judgements about people, sharp in his political views, very conscious of social problems, and sensitive to possible offences to people's rights. He always thought of the purpose and weighed the consequences of his own actions. During my 1990 visit to his family in Golden, Colorado I very much enjoyed the warm family atmosphere in the Connolly home.

Some years later, during the 1998 ASP Conference in Snowbird, Utah, we spent many hours talking (my broken leg keeping me confined in the hotel) about his new job at Science Editing Services, about the ASP, and of course about the recent applications of optoacoustics to electron transfer reactions. It was always a great joy to talk science with John, and of course to dwell on the political developments in the U.S. and elsewhere.

John was a very admirable person, with wide interests, a sharp mind, very strong principles, and eloquent language skills. He was involved in the activities of many societies including the Democratic Party, the American Chemical Society (lately in the Professional Relations Committee of its Golden Section), Trout Unlimited, and alumni associations.

John was also a long-time and successful editor of *ASP News*. We all enjoyed his remarks and vignettes with sharp comments and very properly selected quotes from various authors. One was a quote John took from **H.G. Wells** and adopted, "No passion in the world – no love no hate – exceeds the desire to alter someone else's draft".

During John's illness, he kept all friends informed of his progress (or lack of progress), his participation in clinical trials, and his scientific insights. It was interesting and painful, because John loved life in the company of his family and friends. In 2002, John visited Europe and spent a typically rainy Mülheim day with us. It was great to welcome him here again and to remember older times.

We have lost a sharp scientist, a wonderful human being, and a great friend, whom we will remember for a long time. Our condolences go to his beloved family, his wife Elaine, his children Beth, Helen, and Jeffrey, and his grandchildren, who lost a wonderful family member.

**Silvia E. Braslavsky**



## Letter to Jeff Connolly On the passing of John Connolly

Dear Jeff,

It is with great feeling that I am responding to your (and John's!) request. It is tremendously moving that he would think to ask this at such an extreme time. I want to

offer some comments on John's career and some of my memories of our rich relationship.

This progressed from teacher, to mentor, to colleague, and now, for these many past years, to firm friend.

My first remembrance goes back forty (!) years, when John came into the lab, still wearing his US Navy coat, to discuss joining my group as a doctoral student. (It seems that this had been suggested to him by **Robert Livingston**, with whom he had completed a MS thesis at the University of Minnesota.) At that time, Brandeis was a young, small school, just getting to be recognized, but our little group was particularly active and congenial and I think John felt quite at home.

The work was not easy - in addition to his fellowships, John took on some teaching loads, and there was a time when Elaine was confined in Waltham Hospital and we all rallied to provide what support we could. But all turned out well. The final dissertation, in which John describes and characterizes a new photochemical reaction, was (and is!) a brilliant piece of research, which I still read with much pleasure.

John moved on to hold a number of different scientific posts around the country, always growing in experience and technical skills. His work over the years was well recognized, as when he was asked to organize and chair a major international conference on solar energy conversion, or appointed as a Fulbright Scholar in Germany, or to various lectureships or consultantships. I was very gratified to follow these developments, especially a notable review he wrote entitled "Artificial Photosynthesis" (with **Jim Bolton**).

Quite apart from these aspects of his career, John always felt strongly and spoke out vigorously against social or economic injustices or arbitrary administrative decisions. In this regard, he served on committees of the American Chemical Society's

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Division of Professional Relations, considering employer-employee disputes, or reviewing salary levels, etc. He also protested strongly against widespread, unsupervised use of the sweetener, Aspartame, based on Helen's experience as a Brandeis undergraduate. In matters of principle, John did not take "the easy way" even when his attitudes and protests led to difficult relationships.

More personally, among so many good memories, I recall an international photochemistry meeting in Paris, during which John and I played hooky and visited the great cathedral in Amiens. The local train conductor was much impressed to meet a couple of scruffy Americans, who turned out to be scientists with a great interest in both architecture and the *Tour de France* (won by an American cyclist that year). I remember with particular pleasure John organizing my Brandeis "retirement party" and conspiring with my artist wife, Suzanne, to present me with a real surprise -- a portrait of my own post-doctoral mentor, the much beloved physicist (and Nobelist) **James Franck**. Franck embodies all that is best in scientific ethics and humanistic values. Among other things, I felt that this was John's way of recognizing a fine tradition that he so much appreciated and of which he considered himself to be a part. The portrait now hangs on a prominent wall in the lab.

In his last years, John faced cancer with hope and courage, determined to use his time as fully as possible. Indeed, this is how I last remember him, when, on a trip to Dedham about two months ago, he found time to visit Sue and me here at home. Accompanied by Helen and his two lovely little granddaughters, he seemed fine, witty, responsive and indignant - as always - at current governmental outrages.

But now, let John himself have the last word. This is from the dedication page of his doctoral dissertation, dated February, 1969 just as he wrote it:

*To my Father and Mother,  
whose early influence on my life  
Ultimately made this work possible  
and  
Especially, to Elaine, Beth, Helen and Jeffrey  
whose later presence in my life  
Ultimately made it all seem worthwhile.*

**Henry Linschitz**

## Attention Associate Members!

I hope that you have your tickets for Seattle and are working on your poster or presentation. The 32<sup>nd</sup> annual meeting is right around the corner. During the meeting there will be several events that you don't want to miss.

On Saturday, you can meet other associate members before the President's scheduled welcome at 5 PM. If you are at the meeting alone, or only know a few attendees, this is a great way to meet other associate members. Sunday is a busy day, with several important lectures. I suggest the continental breakfast and then the photobiology school lecture or the lectures by this year's award recipients. Following the President's lecture, you can meet with established members of the society at the mentoring luncheon.

The mentoring luncheon on Sunday will be one of the most important events of the meeting for associate members. My term as Associate Member Representative to the Council is ending and we will choose a new Associate Representative at the luncheon. If you want to become more involved with the ASP and serve as Associate Representative, this is your chance. At the luncheon, you will be asked to present an informal introduction and explain why you are interested in holding this position. If you are interested, please contact me ASAP.

The business meeting on Monday is another very important event for associate members. You should attend this meeting if you want to voice your opinion on the future direction of the society or learn about the inner-workings of the ASP. As mentioned in previous issues of *ASP News*, the society is moving from annual to biennial meetings. This impacts associate members differently than other members. Please attend the business meeting and let the society know what you think about this important change.

Several poster and contributed paper sessions are scheduled throughout the meeting. This is a great opportunity for you to learn about the research of other associate members and to show your support. Last of all, let's celebrate our successes and our contributions to the annual meeting at the banquet on Tuesday evening!

When you pick up your registration materials in Seattle, please make sure you receive a flyer about events for associate members at the meeting. I encourage anyone who has suggestions or comments

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about how to increase the quality of the associate member experience in this society to contact me by email, LELamb@chem.duke.edu.

See you in Seattle!

**Laura Lamb McGuckin**

Associate Member Council Representative



## Claude Hélène, 1938-2003

On the 11th of February 2003, Professor **Claude Hélène** died in Paris, three days after an

international meeting on "Nucleic Acids: from Bases to Genomics". He recently celebrated his 65th birthday at the *Muséum National d'Histoire Naturelle* (MNHN) where, starting as a photobiophysicist, he had worked since the early 1960's. Claude is well known to many ASP members and he served on the editorial board of *Photochemistry and Photobiology* from 1974-1986.

In the laboratory of Professor **Charles Sadron**, his "scientific father" and a leading figure in polymer physics and chemistry, Claude did his PhD on the excited states and energy transfer processes in nucleic acids. His first investigations dealt with triplet energy transfer between nucleic acid bases and with the interaction of aromatic residues of proteins and nucleic acids. After 8 years as the head of the *Centre de Biophysique Moléculaire* in Orléans, Claude returned to the *Muséum National d'Histoire Naturelle*, having been elected to the *Chaire de Biophysique* upon Charles Sadron's retirement.

At that time, he proposed a fascinating research program on *Halobacterium*, the purple-red microorganism that has an internal sodium concentration of 4M and harvests solar energy *via* bacteriorhodopsin. But in 1976 archaeobacteria and extremophile microorganisms were not fashionable and his proposal found no support. Thus, he turned back to his interest in the interaction between peptides and DNA and soon discovered a photosensitized splitting of thymine dimers by the tripeptide, Lys-Trp-Lys. This work culminated in a publication that appeared in *Photochemistry and Photobiology* (1977, 25: 429-434).

In 1979, he launched a programme on the search for new molecules that are able to specifically regulate

gene expression. One of his most important discoveries occurred simultaneously in his laboratory and in **Peter Dervan's** laboratory at Caltech. Both groups showed that triplex-forming oligonucleotides (TFO) can target specific sequences in double-stranded DNA (*Nucleic Acids Research* 1987, 15: 7749-7760). This was the beginning of very active developments in the field of "antigene-strategy" to control gene transcription, which contrasted with the classical "antisense-strategy" targeting mRNA translation. Claude and his group demonstrated that gene function could be controlled by design *via* TFO.

Claude's group published more than 450 research articles and he was a member of the editorial boards of many scientific journals including *Biochimie*, *Biochemistry*, *Bioconjugate Chemistry*, *Antisense Nucleic Acid Drug Development*, *Anticancer Drug Design*, *Chemistry and Biology*, *Chemistry*, *Gene Therapy*, and *Photochemistry and Photobiology*. In 1990, he was elected as *Membre de l'Académie des Sciences* in the *Section de Biologie Moléculaire et Cellulaire*.

Aside from his commitments to public research at the MNHN, the *Centre National de la Recherche Scientifique* (CNRS), and the *Institut National de la Santé et de la Recherche Médicale* (INSERM), Claude held important positions in the industrial sector. He was scientific consultant (1987-1990) and scientific director (1990-1999) of Rhone-Poulenc, one of the predecessors of Aventis. While there, he was given the challenging task of integrating research programs at the interface of three sectors - chemistry, agriculture, and pharmacy.

Although his main interest and his most spectacular scientific contributions after 1981 dealt with the control of gene expression, Claude maintained a strong interest in photobiology. In his laboratory, he supported a small team devoted to studies of the primary processes in biological photodamage, vision, photosynthesis, and photochemotherapy. He followed and actively helped international collaborations of this team, in particular with the group of **Tom Moore**, **Anna Moore**, and **Devens Gust**, all ASP members and pioneers in the construction of artificial photosynthetic reaction centers. He also invited **Ted Land** (Paterson Institute for Cancer Research, Manchester), **Ralph Becker** (University of Houston), and **Devens Gust** (Arizona State University) to serve as *Professeur Associé* at the *Muséum National d'Histoire Naturelle*.

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A few days before his death, he concluded an international meeting on "Nucleic Acids: from Bases to Genomics" by a visionary talk on the "Future of Nucleic Acids". The audience, which included many friends and colleagues from all parts of the world, responded with a long standing-ovation. Claude was an extremely brilliant scientist and also an exceptional man. We will never forget his wonderful smile.

**Renato V. Bensasson**

## Vitamin D Expert Loses Post Boston University dermatologist's views on the benefits of sunlight upset department chair

**Michael Holick**, a dermatologist at Boston University, was recently asked to resign from school's department of dermatology because of a book in which he describes the importance of sunlight in boosting vitamin D levels and his ties to the indoor tanning industry.

Holick's book "is an embarrassment for this institution and an embarrassment for him," department chair **Barbara Gilchrist** told the *Boston Globe*. According to the *Globe*, which first reported the story, Holick was asked to resign from the department of dermatology in February. He has resigned, but continues to teach and to direct the medical center's vitamin D lab, and has not received a pay cut.

Although the benefits of vitamin D in bone health have been long known, new research is emerging that suggests the fat-soluble vitamin may also help prevent different types of cancer. As a result, Holick argues that moderate amounts of sunlight—the main source of vitamin D—are more beneficial than dangerous, and he recommends that fair-skinned people who live in the Boston latitude spend a few sunblock-free minutes a couple of times per week outside, with their skin exposed. He summarizes his thoughts on the issue in *The UV Advantage*, scheduled to be released in May.

But his thoughts on the issue of whether sunlight helps or hurts have some dermatologists concerned. In a statement to *The Scientist*, **Boni E. Elewski**, president of the American Academy of Dermatology, argued that even a few minutes of sunlight exposure can be dangerous, and people can get what they need of the vitamin through supplements. "Any group,

organization, or individual that disseminates information encouraging exposure to UV radiation, whether natural or artificial, is doing a disservice to the public," Elewski said.

Some of Holick's colleagues also found fault in his alliance with the Indoor Tanning Association (ITA), a professional society representing the people working in the \$5 billion indoor tanning industry. According to the *Globe*, Holick unveiled his book during a meeting of the ITA, which has hired a publicist to promote it and has contributed \$150,000 to his research over the next 3 years. Holick has denied that his research is influenced by any financial conflict, and told the *Globe* that the ITA did not directly support his book.

Some vitamin D experts said that Holick should not have to resign. "If he was fired for his opinion, which is based on science, then it would appear to be a violation of the principles of academic freedom," **James Fleet**, who studies nutrition and vitamin D at Purdue University, told *The Scientist*. Whether small amounts of sunlight can boost vitamin D intake without raising the risk of cancer "is an issue worth debating," Fleet said.

**Reinhold Vieth** of the University of Toronto, who has worked with vitamin D since 1974, said that shunning Holick from the department of dermatology represents a "narrow-minded" approach to health. "It's like a horse with blinders, and the only thing they see is melanoma," he told *The Scientist*. Vieth said that he received an advance copy of Holick's book courtesy of Uvalux, a Canadian tanning supply company.

Holick, Gilchrist, and the ITA could not be reached for comment.

Addendum (posted April 20, 2004): Following deadline, *The Scientist* was able to reach Holick for comment. He said that he was "disappointed" and "surprised" when asked to step down because his opinions differed from some of his colleagues'. If you don't follow that party line, then they'll make every effort to squelch everything you have to say," he said. Holick denied that his research is influenced by any financial conflict. The ITA is "not telling me the kind of research to do," he said.

**Alison McCook**

The article originally appeared in *The Scientist* at <http://www.biomedcentral.com/news/20040416/02>. Copyright 2004, The Scientist, LLC ([www.the-scientist.com](http://www.the-scientist.com)).

**Scientific Program**  
**32<sup>nd</sup> Annual ASP Meeting**  
 Seattle, WA (July 10-14, 2004)

Time	Sat 7/10	Sun 7/11	Mon 7/12	Tues 7/13	Wed 7/14
7 – 9 AM		Cont breakfast Poster viewing	Cont breakfast Poster viewing	Cont breakfast Poster viewing	Cont breakfast Poster viewing
8 – 9		Photobiol School Lecture I “Plant optics” Thomas Vogelmann	Photobiol School Lec- ture II “The many different chemistries, diverse biological functions and numerous practical applications of biolu- minescence” J. Woodland Hastings	Photobiol School Lecture III “Photodermatology: erythema, pigmenta- tion and light source” Nikiforos Kollias	
9 – 12	10 – 11 AM Ex- ecutive Comm meeting  11 – 4:30 PM Council meeting	9-10: ASP Award lecture  10-11: New Investi- gator Award lecture  11-12: President’s lecture	4 sessions ( <b>sessions B1-4</b> ): 1. “New approaches and new results in ba- sic studies of biolumi- nescence” Bruce Branchini & Fred Tsuji  2. “UV and global cli- mate change” ASP / ESP joint symp Donat Häder & J. Malcolm Shick  3. “Mechanisms of protein oxidative dam- age” Michael Davies & Lisa Kelly  4. “Immunological as- pects of PDT” Mladen Korbelik	4 sessions ( <b>sessions D1-4</b> ): 1. “Quorum sensing, environmental and behavioral aspects of bioluminescence” Margaret McFall- Ngai & J. Woodland Hastings  2. “UV effects in ter- restrial ecosystem” Donald Krizek & Linda Chalker-Scott  3. “Photoreceptors in photomovement” Wolfgang Gärtner  4. “Photoimmunology” Gary Halliday & Faith Strickland	4 sessions ( <b>sessions F1-4</b> ): 1. “Basic mecha- nisms in non- visual photore- ception / cir- cadian biology” Michael Menaker  2. “Div. 5 Con- tributed papers” Helene Hill & John Streicher  3. “Div. 4 Con- tributed papers” Steve Ullrich and Dennis Valen- zeno  4. “Melanocytes and Melanoma” Frances Noonan & Thomas Hornyak

Time	Sat 7/10	Sun 7/11	Mon 7/12	Tues 7/13	Wed 7/14
12 – 2 PM		EXHIBIT Mentoring lunch	EXHIBIT Past Presidents' lunch	EXHIBIT	
12:30 – 2		Poster session I (Div 1 & 2)	Poster session II (Div 3 & 5)	Poster session III (Div. 4 & 6)	
2 – 5		4 sessions (sessions A1-4): 1. “Rhodopsins and vision” Rosalie Crouch  2. “The full UV story” Robert Sayre and Dianne Godar  3. “Mechanisms of DNA oxidative damage” Christopher Foote  4. “PDT in vivo: from mouse to man” Barbara Henderson, Charles Gomer, Theresa Busch	4 sessions (sessions C1-4): 1. “Applications of bioluminescence and fluorescence imaging in medicine and medical research: Luciferases as reporters of gene expression” Yoshihiro Ohmiya & Douglas G. McMahon  2. “Photoprotection and photoaging” Henry W. Lim and Sewon Kang  3. “Biological/single molecule imaging” Linda Johnson  4. “Cellular response of PDT” Hasan Mukhtar & Tayyaba Hasan	4 sessions (sessions E1-4): 1. “Green fluorescence protein: Structural basis of properties and activities” Marc Zimmer & Peter J. Tonge  2. “Div. 1 Contributed papers” John Simon & Laura Lamb  3. “Photosensory reception mechanisms” Tom Ebrey  4. “Photocarcinogenesis” Vivienne Reeve, Ed DeFabo & Frank de Gruijl	
	5-5:05 PM Welcome: Henry Lim  5:05-6 PM Keynote lecture: Rox Anderson: “Making light of photoaging”  6-8 PM Welcome Reception		5-5:30 PM President’s member reception  5:30-6:30 PM Business meeting  7-10 PM Council meeting	Banquet	

## Upcoming Events

### June 10-15, 2004

*14th International Congress on Photobiology*

International Convention Center  
Jungmoon, Jeju (Cheju), Korea  
Web site: [photos.or.kr/ICP2004/](http://photos.or.kr/ICP2004/)

### June 13-18, 2004; July 18-23, 2004; January 9-14, 2005; March 13-18, 2005

*Protein Purification: Isolation, Analysis, and Characterization of GFP*

Cook College, Rutgers University  
New Brunswick, NJ  
Contact: William W. Ward  
Tel: 732-932-9562 ext 216 or 212  
E-mail: crebb@rci.rutgers.edu  
Web site: [www.rci.rutgers.edu/~meton/protein.html](http://www.rci.rutgers.edu/~meton/protein.html)

### June 14-16, 2004

*5th International Conference on Photostability of Drugs and Drug Products*

Royal Pharmaceutical Society of Great Britain  
Lambeth, London, U.K.  
Contact: Heiko Spilgies  
E-mail: spilgies@photostability.org  
Web site: [www.photostability.org/](http://www.photostability.org/)

### June 15, 2004

Abstract Submission Deadline  
*32<sup>nd</sup> Annual ASP Meeting*  
Seattle, WA (July 10-14, 2004)  
Web site: [www.photobiology.org](http://www.photobiology.org)

### July 10-14, 2004

*32nd Annual Meeting of the American Society for Photobiology*

Westin Seattle, Seattle, WA  
Contact: Henry Lim  
E-mail: HLIM1@hfhs.org  
Web site: [www.photobiology.org](http://www.photobiology.org)

### July 24-28, 2004

*Plant Biology 2004*

#### ASPB's Annual Meeting

Disney Coronado Springs Resort & Convention Center  
Lake Buena Vista, FL  
Contact: Susan Rosenberry  
Tel: 301-251-0560 ext 111  
E-mail: chambers@aspb.org  
Web site: [www.aspb.org/meetings/pb-2004/](http://www.aspb.org/meetings/pb-2004/)

### July 29-Aug 2, 2004

*4th International Congress of Crassulacean Acid Metabolism*

Granlibakken Resort  
Tahoe City, CA  
Contact: John Cushman  
E-mail: jcushman@unr.edu  
Web site: [www.ag.unr.edu/cam/meetings.asp](http://www.ag.unr.edu/cam/meetings.asp)

### August 2-6, 2004

*13th International Symposium on Bioluminescence and Chemiluminescence*

Conference Center of Pacific Yokohama  
Yokohama, Japan  
Contact: Akio Tsuji  
Tel: +81-3-3784-8194  
Fax: +81-3-3784-8247  
E-mail: BXP02045@nifty.ne.jp  
Web site: [www2.unibo.it/isbc/Files/BC\\_Symnf.htm](http://www2.unibo.it/isbc/Files/BC_Symnf.htm)

### August 29-September 3, 2004

*13th International Congress on Photosynthesis*

Montreal, Canada  
E-mail: ps2004@uqtr.ca  
Web site: [www.uqtr.ca/ps2004/](http://www.uqtr.ca/ps2004/)

### September 29-October 9, 2004

*Biophotonics: From Fundamental Principles to Health, Environment, Security and Defence Applications*

Crowne Plaza Hotel  
Ottawa, Canada  
Contact: Stoyan Tanev  
Tel: 613-746-3595 ext 228  
Email: stoyan.tanev@vitesse.ca  
Web site: [www.vitesse.ca](http://www.vitesse.ca)

### October 10-14, 2004

*Annual Meeting of the Optical Society of America*

Rochester Convention Center  
Rochester, New York  
Web site: [www.osa.org/meetings/annual/](http://www.osa.org/meetings/annual/)

### October 28-30, 2004

*Laser Florence 2004*

Florence, Italy  
Web site: [www.laserflorence.org](http://www.laserflorence.org)

### November 8-11, 2004

*8<sup>th</sup> Latin-American Encounter in Photochemistry and Photobiology (ELAFOT)*

La Plata City, Argentina  
Web site: [www.viii-elafot.netfirms.com/principal.htm](http://www.viii-elafot.netfirms.com/principal.htm)

### February 20-26, 2005

*8th International Conference on Solar Energy and Applied Photochemistry*

Ain Shams University  
Photoenergy Center  
Upper Egypt [Luxor/Aswan]  
E-mail: Solar05@photoenergy.org  
Fax: +202 634 7683 or + 202 484 5941  
Web site: [www.photoenergy.org](http://www.photoenergy.org)

### June 13-16, 2005

*European Conference on Biomedical Optics*

Neue Messe  
Munich, Germany  
Web site: [www.osa.org/meetings/topicals/ecbo/](http://www.osa.org/meetings/topicals/ecbo/)

### July 16-20, 2005

*Plant Biology 2005*

#### ASPB's Annual Meeting

Washington State Convention & Trade Center  
Seattle, Washington

### September 3-8, 2005

*11th European Society for Photobiology Congress*

Aix-les-Bains, France

