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Houben–Weyl E 22 Celebration Dinner



The Thieme Exchange Program



Summer Marketing Activities



Welcome from the Managing Director

Dear Reader,

It is with great pleasure that I welcome you to the autumn edition of the *Science of Synthesis* News.

It has been a busy few months for the *Science of Synthesis* team. Volume 14 was published in August, and Volume 3 will be published in October. We had a very successful and productive Editorial Board meeting in July. All of the members of the editorial and marketing staff have been at various international conferences this summer, meeting you, the editors and authors. Details of all our activities over the summer can be found in the Editorial Update and the Marketing News. In this issue there is also an article written by Elizabeth Strouthides (Sales Coordinator, Thieme New York), who has recently taken part in the Thieme Exchange program. She tells us of some of her experiences whilst in Stuttgart.

Please find in this newsletter the call for nominations for the Thieme–IUPAC Prize in Synthetic Organic Chemistry. The prize will be presented on the occasion of the International Union of Pure and Applied Chemistry – International Conference on Organic Synthesis (IUPAC–ICOS). The 2004 ICOS will be held in Nagoya, Japan, on August 1–6. Professor Hisashi Yamamoto (volume editor, Volume 7) is the organizer of ICOS 15.

The Thieme–IUPAC prize is awarded to a chemist under 40 years of age whose research has had a major impact in synthetic organic chemistry. The Thieme–IUPAC Prize was awarded to Professor Stuart L. Schreiber in 1992, Professor Paul Knochel (author, Volume 3) in 1994, Professor Eric N. Jacobsen (editorial board member) in 1996, Professor Andrew G. Myers in 1998, Professor Alois Fürstner in 2000, and Professor Erick M. Carreira in 2002.

All editors and authors of *Science of Synthesis* are cordially invited to actively participate in the nomination of possible candidates for this prestigious award.

The Editorial Office has received positive feedback and lots of encouragement for the *Science of Synthesis* News. It is perceived to be an important communication forum for the hundreds of scientists involved in the *Science of Synthesis* project. Please do not hesitate to contact us if you have any suggestions, or would like to write an article for the *Science of Synthesis* News (Dr. Christabel Carter, christabel.carter@thieme.de).

The electronic version of *Science of Synthesis* and the digital archive of Houben–Weyl are now available. Many scientists, both in academia and industry, already have access to these products. They use *Science of Synthesis* for their daily research and benefit from the knowledge generated by hundreds of authors. If your institution or company would like to have access to the electronic version of *Science of Synthesis* and to the electronic archive of Houben–Weyl please contact Dr. Norbert Kummer (norbert.kummer@thieme.de, Europe/RoW) or Alexandra Williams (awilliams@thieme.com, USA/Americas).

Guido F. Herrmann
Managing Director
Thieme Chemistry



Visit us on the Internet: www.science-of-synthesis.com

Do you have information about yourself or a *Science of Synthesis* colleague for the next newsletter?
Write to us at science-of-synthesis@thieme.de or christabel.carter@thieme.de

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Editorial Update

Claire Twomey, Assistant Scientific Editor

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Volume 14 Published!

Volume 14: Six-Membered Heteroarenes with One Chalcogen (Thomas) was published in August. The volumes scheduled for the remainder of the year are Volume 3 (O'Neil), to be published in October, and Volumes 13 (Storr/Gilchrist), 15 (Black), 16 (Yamamoto), and 17 (Weinreb), all due to be published in December. Following the publication of these volumes category 2 (Heteroarenes and Related Ring Systems) will be complete. We are expecting a busy few months in the editorial office!

New Versions of e-Science of Synthesis and e-Houben-Weyl

New versions of both e-Science of Synthesis and e-Houben-Weyl were launched in July. The new version of e-Science of Synthesis includes two new volumes: Volume 2 and Volume 5, and also incorporates document delivery i.e. customers can now avail of the Fiz AutoDoc service. The new version of e-Houben-Weyl now includes the 1st, 2nd, and 3rd editions so the digital archive goes back to 1909. In addition the user interface and structure template have been redesigned to make them more intuitive to the user.

Science of Synthesis Editorial Board Meeting

The Science of Synthesis editorial board meeting took place in the Schlosshotel Monrepos in Ludwigsburg from 14–16th July 2003. The meeting was attended by seven members of the editorial board, Daniel Bellus, Eric Jacobsen, Steve Ley, Ernst Schaumann, Ichiro Shinkai, E. Jim Thomas, and Barry Trost as well as by the Science of Synthesis editorial office, and sales and marketing teams. Discussion centered on the status of the project and also plans for the future, including the idea of prepublication and also, the plans to update Science of Synthesis. Dr Fiona Shortt de Hernandez announced that contributions from Science of Synthesis will now be indexed by CAS: This is the first time a reference work has been indexed in this way. 220 contributions from Science of Synthesis have already been indexed by CAS. A further indication of the increased profile of Science of Synthesis is the announcement that ACD Labs (Advanced Chemistry Development, Inc.) are going to include the Science of Synthesis drawing style in their structure

drawing program ChemSketch. Improvements to the electronic product were also presented, including the incorporation of ChemDraw/Java Applet drawing tools. Representatives of the sales and marketing teams from both the Stuttgart and New York offices gave presentations showing the major universities and corporations that had subscribed to Science of Synthesis. The meeting was not only extremely productive, but also enjoyable, and sincere thanks go to the members of the editorial board for making the trip to Stuttgart.



Science of Synthesis Editorial Board Meeting



Steve Ley and E. Jim Thomas with the Schloss Lion

International Conferences

Over the summer months, members of the editorial team attended a number of international conferences. As always, this provides a great opportunity for us to meet with authors, volume editors, and members of the editorial board and to discuss the progress of individual contributions and the project in general. Details of our attendance at conferences will be given in the Marketing news section. At the 18th American Peptide Symposium in Boston, we celebrat-



Murray Goodman Filling in the Right Eye of a Japanese Daruma Doll, Signifying the Completion of a Successful Project

ed the completion of the *Houben–Weyl* E 22 series. A celebration dinner was held at the Aujourd’hui restaurant in the Four Seasons Hotel, attended by the E 22 editors and members of the editorial office.

Visit by Members of the Freelance Team

During the summer we had visits from two members of the freelance editorial team. Dr Rupert Purchase visited in June to help with the final stages of Volume 14 and Dr Elizabeth Smeaton spent a week in the office in July and provided copyediting and nomenclature training to the newer members of the team.

Position Available – Assistant Scientific Editor

*Science of Synthesis, Houben-Weyl Methods of Molecular Transformations*TM is the entirely new edition of the acclaimed reference series, *Houben–Weyl* the standard synthetic chemistry resource since 1909.

We have a position available for an

Assistant Scientific Editor



Applicants should have a PhD in organic chemistry, be computer literate and have excellent English language skills (native speaker preferred). You should be self-motivated, a good team player and show initiative. Previous publishing experience would be advantageous but is not essential.

You would be involved in all aspects of the editorial procedures, proofreading and copyediting, and would have contact with authors from all over the world. You would also be involved in helping promote our products at international conferences and communicating closely with the sales and marketing teams. We offer an introduction to scientific publishing in a dynamic and friendly office. This is a rare opportunity to learn about both traditional book publishing and the latest techniques in electronic publishing.

Thieme offers a comprehensive benefits program, relocation assistance and German language training. The successful candidate would be expected to be able to take up the position by November 24th, 2003.

Interested? Then please send us a full CV, containing the name of two current referees accompanied by a handwritten supporting letter. Informal inquiries to Dr. M. Fiona Shortt de Hernandez, Managing Editor (e-mail: fiona.shortt@thieme.de). Closing date November 7th, 2003.

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Welcome to New Authors

The *Science of Synthesis* team would like to extend a warm welcome to the following new authors:

Volume 8

Prof. J. Eames (Queen Mary University, London UK)
Dr. E. Juaristi (Centro de Investigacion y de Estudios Avanzados del IPN, Mexico)
Mr. R. Melgar-Fernandez (Centro de Investigacion y de Estudios Avanzados del IPN, Mexico)
Dr. O. Munoz-Muniz (The Schripps Research Institute, La Jolla, USA)

Volume 13

Prof. R. K. Bansal (University of Rajasthan, Jaipur, India)
Dr. N. Gupta (University of Rajasthan, Jaipur, India)

Volume 17

Dr. C. Lindsley (Merck Research Laboratories, Westpoint, USA)
Dr. J.-P. Meigh (UK)
Dr. M. D. Surman (Albany Molecular Research Inc., Albany, USA)

Volume 20

Dr. S. R. Chemler (University of Buffalo/SUNY, Buffalo, USA)
Prof. R. S. Coleman (The Ohio State University, Columbus, USA)
Dr. N. F. Jain (Johnson & Johnson Pharmaceutical R & D, Raritan, USA)
Prof. S. J. Miller (Boston College, Chestnut Hill, USA)

Mr. D. C. Myles (Kosan Biosciences Inc., Hayward, USA)

Volume 22

Dr. S. Cicchi (Universita di Firenz, Florence, Italy)
Dr. F. M. Cordero (Universita di Firenz, Florence, Italy)
Prof. R. S. Glass (University of Arizona, Tucson, USA)
Mr. M. Grenon (Université de Montréal, Canada)
Dr. N. Nakajima (Toyama Prefectural University, Japan)
Dr. M. Ubukata (Toyama Prefectural University, Japan)
Dr. K. Ostrowska (Jagiellonian University, Kraków, Poland)
Dr. A. Kolasa (Jagiellonian University, Kraków, Poland)

Volume 24

Prof. K. Banert (Technische Universität Chemnitz, Germany)
Dr. W. Dölling (Halle, Germany)
Prof. R. R. Kostikov (St. Petersburg State University, Russia)
Prof. M. Pietrusiewicz (Maria Curie Skłodowska University, Lublin, Poland)
Dr. C. Schneider (Georg August Universität Göttingen, Germany)
Prof. V. A. Potapov (Russian Academy of Sciences, Irkutsk, Russia)
Prof. B. A. Trofimov (Russian Academy of Sciences, Irkutsk, Russia)

Dr. B. Witulski (Universität Kaiserslautern, Germany)
Prof. M. Yoshimatsu (Gifu University, Japan)
Dr. R. Zimmer (Freie Universität Berlin, Germany)

Volume 28

Prof. C. Avendano (Universidad Complutense, Madrid, Spain)
Dr. J. Menendez (Universidad Complutense, Madrid, Spain)
Prof. M. Balci (Middle East Technical University, Ankara, Turkey)
Dr. N. Böker (Leach a Leuquer, Saint Jean Trolimon, France)
Prof. J. Freimanis (Latvian Institute of Organic Synthesis, Riga, Latvia)
Prof. K. Krohn (Universität Gesamthochschule Paderborn, Germany)
Prof. C. Liao (National Tsing Hua University, Hsinchu, Taiwan)
Dr. R. K. Peddinti (National Tsing Hua University, Hsinchu, Taiwan)
Prof. G. V. Nair (RRI, CSIR, Trivandrum, India)
Prof. T. R. R. Pettus (University of California, Santa Barbara, USA)
Prof. E. A. Theodorakis (University of California, San Diego, USA)
Prof. M. Yoshifuji (Tohoku University, Sendai, Japan)
Dr. S. Kawasaki (Tohoku University, Sendai, Japan)

Reviews of Volume 5

Volume 5, Compounds of Group 14 (Ge, Sn, Pd) has been reviewed by Professor Yoshinori Yamamoto (Tohoku University) in June 2003.

“This book represents the most comprehensive overview of the organometallic chemistry and OMCOS (organometallics toward organic synthesis) by the use of Ge, Sn, and Pb.” “The synthesis of a wide range of organostannanes, which are frequently used in organic synthesis or are structurally interesting, is well written, and I think it is very useful when the standard synthetic procedure for important organostannanes is required.”

“In summary, the book is comprehensive and thoughtfully organized. Readers can easily find the standard synthetic procedure for important organogermanium, -tin, and -lead com-

pounds, and also realize how useful those organometallics are in organic synthesis. It is a good idea to place the references on the last page of each chapter, since it makes finding references easier for the reader. I believe this book serves as a valuable source of up-to-date information on previously reported chemistry of Ge, Sn, and Pd.”

For the full review see Synthesis (2003), 1469

Volume 5 has also been reviewed by Professor P. D. Lickiss (Imperial College London) in July 2003.

“The careful organization into many small, specific chapters means that it is easy to address questions such as ‘How do I make tin enol ethers?’ The answer in this case is given in section 5.2.11,

which provides four methods together with specific experimental procedures. Having ready access to a critical survey of synthetic methods for a particular class of compounds is very useful.”

“The many chapters are written by a large total number of authors, chosen for their specific expertise, which means the coverage is excellent and reliable.”

“The book is very well produced and its organization and clarity of presentation makes it a pleasure to use. This volume, and others in the series, would be of undoubted use in any library used by organic and organometallic chemists but research students may well favor the electronic version.”
For the full review see the Journal of Organometallic Chemistry, (2003) 678, 181



The Thieme exchange program was established for the purpose of broadening Thieme associates' outlook on the company itself, and on the world, with opportunities for staff from New York to experience Stuttgart and vice versa. There are several ways in which an associate may take part in this exchange. An associate can apply for the exchange program, while others are nominated by their directors and/or managers. I was lucky enough to be nominated for the exchange, which turned out to be a very educational experience.

My Stuttgart exchange was an entirely rewarding experience. During my four week stay I got a chance to learn about, and experience, the differences between the sales departments of Thieme New York and Thieme International (Stuttgart), while also absorbing the German culture, particularly that of the Schwäbisch region.

At Thieme International (Stuttgart), I was under the direct supervision of Alastair Paul, (International Sales and Marketing Manager). With Alastair Paul, I worked on numerous, ongoing projects involving the international sales force, the closed trade web site, and title presentations for the Frankfurt book fair, to name but a few. I also got the opportunity to spend some time with Thomas Krimmer and Matthew Hart in the Thieme Chemistry marketing department. While working in Thieme International sales, not only was I able to learn about the mechanisms of the Stuttgart sales department, but also experience the unique aspects of the German work environment.

During my free time, I took the opportunity to explore Stuttgart and the surrounding areas. I took part in many English-language walking tours and learned a great deal about Stuttgart's

history, as well as that of Heidelberg and Munich. To experience the full flavor of Stuttgart, I naturally, visited many of the local restaurants, which served traditional Schwäbisch dishes as well as those from Bavaria. I was fortunate enough to be in Stuttgart during the Stuttgarter Weindorf (wine festival). I visited the festival several times before my departure, enjoying the food, the local wines, and the atmosphere of the occasion.

This exchange was a wonderful learning experience, both professionally and culturally. I feel that I was able to take full advantage of the opportunity given to me and am grateful to all those at Thieme International who helped make my exchange a memorable learning experience.

Personal News



Barry Trost

Kudos goes to the following 2004 ACS National Award Winners: *Science of Synthesis* editorial board member **Professor Barry Trost** (Stanford University) receives the Arthur C. Cope Award.

The Herbert C. Brown Award for Creative Research in Synthetic Methods goes to **Professor Edwin Vedejs** (University of Michigan, Ann Arbor) Editor of Volume 42.

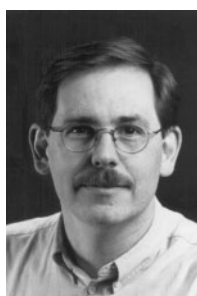


Edwin Vedejs

The ACS award in Organometallic Chemistry goes to **Professor Wolfgang A. Herrmann** (Technische Universität, München) Author, Volume 2.

Finally the Ralph F. Hirschmann Award in Peptide Chemistry goes to

Professor Richard A. Houghten (Torrey Pines Institute for Molecular Studies and Mixture Sciences, San Diego) Author, Houben-Weyl E 22 a. They will receive their awards at the 227th ACS meeting in Anaheim, on Tuesday March 30th 2004.



Mark Lautens

Our Congratulations go to **Professor Mark Lautens** (University of Toronto) Editor of Volume 1, who is the recipient of the Natural Sciences and Engineering Research Council (NSERC)–Merck Frosst Canada & Co. Industrial Research Chair in New

Medicinal Agents via Catalytic Reactions. As Chair Mark Lautens will establish, and lead, a research program that will search for metal-catalyzed chemical reactions to create new ways of making pharmaceuticals as well as finding lead compounds for the next generation of medicines. This work will be supported

over the next five years with an award of nearly \$ 2 million (Cdn).

Professor Albert Padwa (Emory University, Boston) Editor of Volume 27, was awarded a Fellowship of the International Society of Heterocyclic Chemistry (ISHC) at the 19th International Congress of Heterocyclic Chemistry (IHC) in Fort Collins, Colorado.



Tohru Fukuyama Congratulating Al Padwa

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(Stuttgart, Germany)

Sales Manager

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(New York, USA)

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The Thieme Chemistry web site, www.thieme-chemistry.com, currently generates some 60 000 hits monthly, i.e. 2000 hits per day. Chemists seeking information about *Science of Synthesis* contribute greatly to this number. When we have a closer look at the log-file, we find that about 10% of the users of our web site are using Netscape on their Macintosh computers to gather this information. The academic community, especially in Japan, uses Macintosh computers widely and therefore we are trying to keep the web site compatible with these configurations. The same is true for the electronic version of *Science of Synthesis*. Together with our cooperation partner InfoChem, we have changed the structure search module. Previously this could only be used with ISISDraw and a special plug-in in Internet Explorer. Since August it has been possible to use either ISISDraw, or ChemDraw as structure editing tool. Furthermore, we have also added a third option: a built-in Java applet, which does not require any third-party software at all and still offers most, if not all, of the functions of the commercially available products. These changes were driven by the feedback we got from our constantly growing user base. For both the product and information pages, we try to implement users' recommendations in a timely fashion. Thus, whenever you feel there could be some improvements on either site, please let us know!

Even though we are disseminating information quite effectively through our web site, the marketing department also arranged for the distribution of material at many conferences, as you might have seen in your delegate's bag at one of over 30 conferences. Members of the Thieme Chemistry team personally attended some of the major conferences this year to meet and talk to users and contributors of *Science of Synthesis* and the other Thieme Chemistry products. Despite of the unfortunate war, SARS and economic threats, OMCOS-12 in Toronto and ICHC-19 (where the outbreak of the West Nile Virus replaced SARS), have been very successful, Thieme-sponsored events. Our editorial and marketing staff could exchange ideas with many of you and also get updates on the latest advances in organometallic and heterocyclic chemistry, respectively. These two fields of chemistry are, as you know, the topics of the first two categories of *Science of Synthesis* to be completed in 2004, and are therefore our main points of interest at the moment.

Around 250 people attended OMCOS-12, at the University of Toronto. The meeting was organized by Professor Mark Lautens, who is Editor of Volume 1 and also member of the editorial board of SYNTHESIS. All the attendees received a Thieme bag and could use the coffee breaks to have a look at the organometallic volumes 1, 2, 4 and 5 at the Thieme booth in front of the lecture hall. I also had the op-

portunity to give a lecture about the electronic version of *Science of Synthesis* as part of the scientific program. During the conference, at the speakers dinner, the joint OMCOS Award/Thieme dinner and at the conference banquet, Susanne Haak, managing editor of SYNLETT and SYNTHESIS, and myself had ample opportunity to meet up with editors, authors and users of the various Thieme Chemistry products, which made OMCOS-12 not only an interesting and rewarding but also extremely enjoyable event that was definitely worth the trip. OMCOS-13 will be held in Geneva, Switzerland in 2005 and is organized by Peter E. Kuendig, while OMCOS-14 is scheduled to take place in Nara, Japan.

ICHC-19, organized by Professor Bob Williams, and held at Colorado State University, (Fort Collins, Colorado) started off with a Thieme-sponsored welcome reception, which was attended by some 650 people, and ended with the conference BBQ, where the photo below was taken, showing another of Bob's talents. The Thieme booth was again strategically positioned right in front of the main entrance to the lecture halls and served not only as an information point but also as a meeting place. The scientific program was packed with Thieme affiliates: Alan Aitken, Thorsten Bach, Daniel Bellus, Eric Carreira, Dieter Enders, Tohru Fukuyama (who received the Pfizer Award in Heterocyclic Chemistry), Norbert de Kimpe, Al Padwa, and Paul Reider, to name but a few. As all of them used the booth as a hub, Lindsey, Chrissie, myself, and the books on display received high exposure to the majority of attendees. ICHC-20 will be held in Sicily in 2005.

As well as these two conferences, Thieme Chemistry also showcased its products at the Komppa meeting in Espoo, Finland, both ACS meetings in New Orleans and New York respectively, the APS in Boston, and recently at the Blue Danube Symposium in Heterocyclic Chemistry in Vienna, Austria, where the photo below was taken. All of these



Matthew Hart and Claire Twomey on the Thieme Stand in Vienna

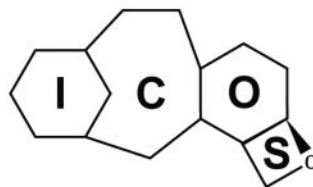
occasions were great opportunities to meet editors, authors and users of *Science of Synthesis* and other Thieme Chemistry products. Representatives of our sales team in America, Alexandra and Cynthia, attended both ACS meetings. These conferences are an excellent place to meet, and keep in contact with, the chemistry librarians, many of whom are currently engaged in trials of the electronic version of *Science of Synthesis*. Now, near the end of the 2003 conference season, it is apparent that *Science of Synthesis* has left its introductory phase and is regarded as being highly complementary to databases such as Scifinder

and Beilstein throughout the academic and industrial community. With the technical innovations implemented this summer, volume 14 to be added in a few weeks and 5 further volumes in the pipeline for the near future, there is no doubt that, thanks to you, our editors and authors, Thieme Chemistry is offering an indispensable tool for synthetic organic chemists around the globe.

The aforementioned web site www.thieme-chemistry.com has become an important and heavily used source of up-to-date information about the project and its development. The marketing department is, together with the editorial office of *Science of Synthesis*, devoted to keeping this site as informative and up-to-date as possible. Your input is, as mentioned, warmly welcomed, and in a few weeks, you will find our conference listings for 2004 under contact us/conferences. As of now, we are planning to exhibit at the ACS spring meeting in Anaheim, USA, the 7th International Symposium on Carbanion Chemistry in Alicante, Spain, the XXIst International Conference on Organometallic Chemistry, Vancouver, Canada, the 15th International Conference on Organic Synthesis, Nagoya, Japan (see the call for nominations advert on the back page), the ACS Fall meeting in Philadelphia, USA, and the 28th European Peptide Symposium in Prague, Czech Republic. If you are organizing a conference which is not on the list and feel that it would be a good opportunity for Thieme Chemistry to meet people and promote its products please do not hesitate to contact us at: marketing@thieme-chemistry.com. We are looking forward to hearing from you.



Bob Williams Entertains the Crowd at the 19th ICHC BBQ



ICOS 15
August 1–6, 2004
Nagoya, Japan

Thieme Publishers and IUPAC in collaboration with the editors of
SYNTHESIS · SYNLETT · SCIENCE OF SYNTHESIS · HOUBEN-WEYL
announce the

**2004 Thieme–IUPAC Prize in Synthetic Organic Chemistry
Call for Nominations (deadline December 12, 2003)**



sponsored by
Georg Thieme Verlag
Stuttgart · New York



The Thieme–IUPAC Prize is presented every two years on the occasion of the International Union of Pure and Applied Chemistry – International Conference on Organic Synthesis (IUPAC–ICOS). The 2004 ICOS will be held in Nagoya, Japan, on August 1–6.

The prize is awarded to a scientist under 40 years of age whose research has had a major impact in synthetic organic chemistry.

Prize € 5000

The Thieme–IUPAC Prize has been awarded to Stuart L. Schreiber in 1992, Paul Knochel in 1994, Eric N. Jacobsen in 1996, Andrew G. Myers in 1998, Alois Fürstner in 2000, and Erick M. Carreira in 2002.

The prize will be awarded on the basis of scientific merit for independent research dealing with synthesis in the broadest context of organic chemistry, including organometallic chemistry, medicinal and biological chemistry, designed molecules, and materials. Candidates must be under 40 years of age as of January 1 of the year in which the prize is awarded.

Proposals must be accompanied by a biographical sketch of the nominee, a list of the candidate's ten most significant publications, and a statement of how the candidate's research has had a major impact on the field of synthetic organic chemistry. The material will be confidentially forwarded to an independent selection committee.

Nomination materials (8 copies) should be submitted by December 12, 2003 to

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