

NEWSLETTER

No. 148

A Society for Applied Spectroscopy Affiliate
Editor: David A. Heaps

February 2009

EDITOR'S COMMENTS

The Coblentz Society is working on getting the information that you want about the society to you in many different ways. This newsletter, our more frequent electronic communications, and our website (www.coblentz.org) are your link with the rest of the Society. You are welcome to contribute articles and comments for those items or events that you wish to broadcast. The next due date for newsletter submissions is May 1st for the August issue. Regardless of the number of contributions, we will always be printing the events and progress of the Society so you can keep in touch with the Board Members and Officers. Newsletter requests can be mailed directly to the newsletter editor as noted in the officer section at the end. Be sure to look for the Coblentz Society Newsletter in every February and August issue of *Applied Spectroscopy*.

DAVID A. HEAPS



Craver Award being presented to John Conboy of the University of Utah by Mary Carrabba, Coblentz Society President, at the last FACSS Conference.

PRESIDENT'S MESSAGE

Looking back at events since our last newsletter in August, the Society has been actively pursuing our ongoing efforts to achieve and maintain a greater presence in the spectroscopy community. The Coblentz Society was involved in a number of activities at the FACSS conference last October in Reno, Nevada. FACSS was the venue for the presentation of the Society's second annual Craver Award to Professor John C. Conboy of the University of Utah. The award is named after Clara D. Craver for her pioneering efforts in promoting the practice of infrared vibrational spectroscopy and for her many years of service to the Coblentz Society. This award recognizes young professional vibrational spectroscopists for their efforts in the area of *applied* vibrational spectroscopy. The award was recognized at FACSS with a plenary lecture by Professor Conboy and a separate award session of invited speakers.

This year it was also the Coblentz Society's turn to present the Ellis R. Lippincott Award at FACSS. The 2008 Lippincott Award was presented to Richard P. Van Duyne of Northwestern University. The Award is given to honor the memory of Ellis Lippincott for significant contributions to vibrational spectroscopy. The medal is sponsored jointly by the Society for Applied Spectroscopy, The Coblentz Society, and the Optical Society of America.

The Coblentz Society also organized the following eight sessions at the 2008 FACSS conference:

- *Mid-IR Imaging: From Basic Developments Towards Clinical Translation*, organized by Rohit Bhargava
- *Chemometrics Along Spatial and Chemical Dimensions*, organized by Fred Koehler
- *Two-Dimensional Correlation Spectroscopy I*, organized by Curtis Marcott
- *Two-Dimensional Correlation Spectroscopy II*, organized by Curtis Marcott
- *A Spectrometer in the Hand is Worth Two in the Bush*, organized by Richard Crocombe
- *Vibrational Spectroscopy, Chemical Imaging and QbD*, organized by Hung Tian
- *NIR Spectroscopy in Pharmaceutical Analysis: Technology Transfer in Action*, organized by Katherine Bakeev and Tony Moffat



Linda Kidder, Coblenz's FACSS and EAS program coordinator, training her new assistant, Will.

- *Ultrafast Vibrational Spectroscopy: Chemistry, Material, and Biological Science*, organized by Mike George

Sponsors of the Coblenz Society's program at FACSS included:

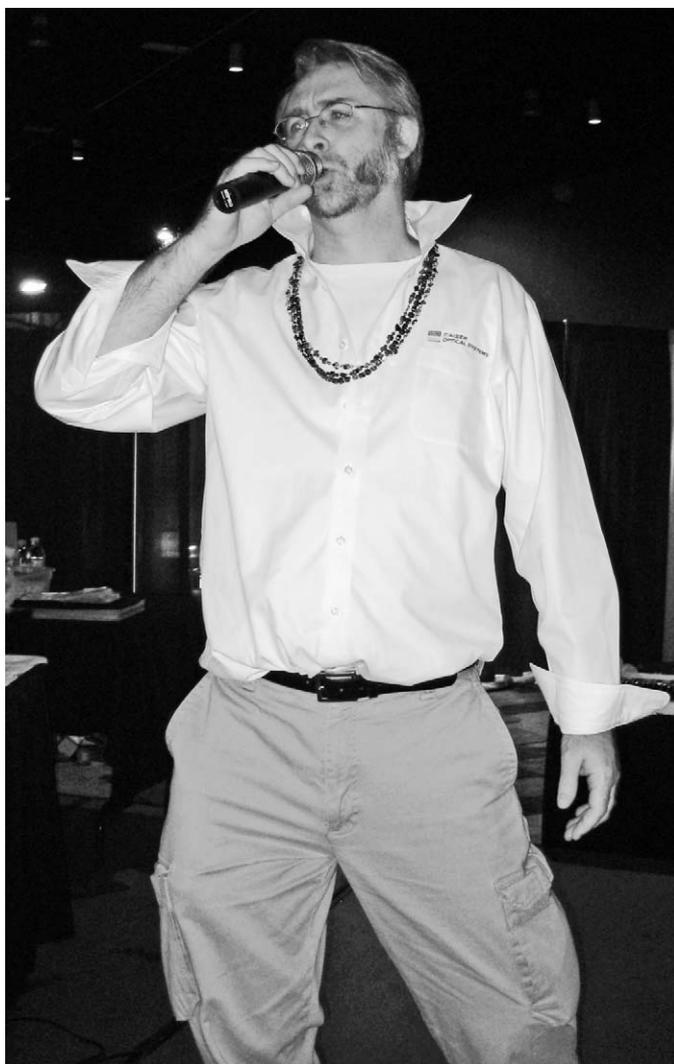
- BaySpec
- Council for Near Infrared Spectroscopy
- Foss NIRSystems
- Manning Applied Technology
- PerkinElmer Life & Analytical Sciences
- The Royal Society of Chemistry
- Shimadzu
- Spectroscopy Magazine
- Thermo Electron Corp.
- Varian, Inc.

Thank you to all of the organizers, presidors, speakers, and generous sponsors whose financial contributions made these sessions possible.

The Coblenz Society also contributed to the EAS program in November by organizing three sessions:

- *Quantitative Vibrational Spectroscopy for QBD—Part 1 Drug Substance*, organized by George Zhou
- *Quantitative Vibrational Spectroscopy for QBD—Part 2 Drug Product*, organized by Gary McGeorge
- *Raman in the Lab and at the Line*, organized by Ian Lewis

Again, thank you to the organizers, presidors, and speakers for helping to make the Coblenz contribution to EAS a success. And last, but certainly not least, a big thank you to our FACSS and EAS program coordinator, Linda



Ian Lewis—the next Coblenz president!

Kidder, for all her hard work in helping maintain the Coblenz presence at these two conferences.

The Coblenz Society also held their traditional, well-attended Monday night reception at EAS. The corporate sponsors of this year's event—Ahura Scientific, HORIBA Jobin Yvon, Malvern Instruments, Smiths Detection, and Thermo Informatics—helped to make the reception a great success. Their financial sponsorship of the Coblenz event is greatly appreciated!

Looking forward, the Society has plans for a busy 2009. First up is the Pittsburgh Conference in Chicago, where we will be presenting the Williams–Wright Award and the ABB-sponsored Bomem–Michelson Award. This spring, the 2009 Williams–Wright Award will be presented to Dr. Jerome Workman, Director of Measurement Systems for Luminous Medical Inc. Dr. Workman is being recognized for his work in molecular spectroscopy, including near-infrared, infrared, ultraviolet–visible, process analysis, and chemometrics. The recipient of the 2009 Bomem–Michelson Award is Professor Martin Quack, of the Swiss Federal Institute of Technology (ETH) in Zurich, Switzerland. Professor Quack is being honored for his use of high-resolution molecular spec-



Ian Lewis, President-elect (right), and Brian Marquardt (left), board member, entertain the crowd at the FACSS Wednesday night karaoke event.

troscopy in combination with theory to derive the short time quantum intramolecular dynamics, symmetry selection rules in reactions, and symmetry-breaking effects in polyatomic molecules and clusters. Speakers for the two award symposia are:

Bomem–Michelson Award Symposium (Wednesday morning):

- Martin Quack—*Spectroscopy and Theory of the Dynamics of Parity Violation in Chiral Molecules*
- Laurence Nafie—*VCD as a Probe of Long-Range Chirality and Supramolecular Structure: From Protein Fibrils to Negative Index Materials*
- Timothy Zwier—*Laser Spectroscopy and Dynamics of Conformational, Structural, and Diastereomeric Isomers*
- Roberto Marquardt—*Dynamical Molecular Chirality*
- Robert Berger—*Theoretical Spectroscopy and Fundamental Interactions in Chiral Molecules*

Williams–Wright Award Symposium (Wednesday afternoon):

- Jerome Workman—*The Most Serious Challenges Associated with the Next Generation of Multivariate Spectrometers*
- Barry Lavine—*Pattern Recognition Assisted Infrared Library Searching*
- Howard Mark—*Chemometric Calibration Without Matrices (Almost)*
- E. Neil Lewis—*A Novel Instrumental Approach Combining Simultaneous Morphological and Raman Spectroscopic Measurements: Applications to the Characterization of Complex Materials*
- Karl Booksh—*Classification of Biological Particles by*



Even a mime, who stopped by the Coblenz booth during FACSS, can't explain the proposed FACSS bylaws changes to the Coblenz president.

Photodegradation-Excitation-Emission Matrix Fluorescence

- Richard Crocombe—*Portable Spectrometers: Challenges and Opportunities*
- Mark Drury—*Compact TDLAS Sensors for In-Situ and Non-Contact Standoff Gas Sensing in Harsh Environments*
- Steve Lowry—*An Evaluation of SERS Substrates for Automated Raman Analysis*
- Emil Ciurczak—*Near-Infrared in the 21st Century Pharmaceutical Industry*

Many thanks go out to Karl Booksh, the 2008 Williams–Wright Award Committee Chair, Larry Nafie, the 2008 Bomem–Michelson Award Committee Chair, and all the committee members for their efforts in the awards selection process.

Please keep in mind that the Society's annual business meeting will be held Wednesday afternoon after the Williams–Wright Award Symposium. Planning is still in the works for our annual wine and cheese reception. Stop by the Coblenz Booth at Pittcon for more details. Speaking of the booth, stop by and say hello, check your membership status, or buy a T-shirt. Our booth number is 3315 and we're looking forward to seeing you. The Coblenz Society booth is a prominent feature for vibrational spectroscopists and a great meeting place. If you are at Pittcon and have some spare time, please volunteer for a brief stretch of booth duty with a peer. Sometimes the best way to run into the people you'd like to see is by staying in one place!

As evidenced by the preceding events, one of the Coblenz Society's primary missions is to bestow recognition upon professionals for excellence in the advancement of vibrational spectroscopy. These include:

- *The Coblenz Award*, in recognition of achievements by young professional spectroscopists for research efforts in fundamental aspects of vibrational spectroscopy, presented at the Ohio State Symposium
- *The Craver Award*, in recognition of achievements by young professional spectroscopists for research efforts

in applied aspects of vibrational spectroscopy, presented at FACSS

- *The Williams–Wright Award*, in recognition of industrial spectroscopists, presented at Pittcon
- *The Bomem–Michelson Award* (sponsored by ABB Bomem), in recognition of continued advancement in vibrational, molecular, Raman, or electronic spectroscopy, presented at Pittcon
- *The Lippincott Award* (in conjunction with SAS and OSA), in recognition of significant contributions to vibrational spectroscopy as judged by their influence on other scientists, presented at either FACSS or ICAVS
- *Coblentz Student Awards* are also given annually. This year for the first time, the top student awardee will receive a trip to FACSS!

Nominations for these awards are a continual effort. The Coblentz Society urges all vibrational spectroscopists to submit nominations of those deserving these recognitions for the 2010 awards. Nominations should be sent to the appropriate award committee chairs, whose addresses may be found at the Coblentz Society website (www.coblentz.org) or elsewhere in this newsletter.

Our newly instituted e-newsletters and the Coblentz Society website at www.coblentz.org are our primary means of disseminating information to our members. Please visit the site and let us know if we have overlooked anything or if updates are needed. If you aren't receiving regular e-newsletters from the Society, please check your contact information with our membership chair, Mark Druy. Mark is doing a wonderful job of bringing our organization into the 21st century, but he does need your current e-mail address on file. Any other suggestions regarding the website are welcome, as are submissions for the newsletter. And speaking of the newsletter, I'd like to welcome David Heaps as our new newsletter editor. David graciously agreed to take on the challenge of collecting the Society's news (with only a little arm-twisting). Please help him out and send him contributions (and photos) regarding Society events.

One last note in closing—by now you are probably aware that the Board of Directors voted to increase annual membership dues to \$20. Although a marked increase from our previous rate, this is a decision that was not taken lightly, but was long overdue. The Society's dues had been held at \$10 for as long as anyone could remember (perhaps since our formation). Membership in the Society is still a great value. For less than the price of a pizza, you can help to support the promotion of vibrational spectroscopy in the scientific community, recognize the leaders in our field with a prestigious slate of awards, and network with other spectroscopy professionals at our social events.

As always, should you have any suggestions or concerns regarding the Society, please share them with the Board or me. The Coblentz Society is a 100% volunteer effort. The best way to support your Society is to work with your peers to build up and strengthen the organization. There are always openings on committees that could use your support. Please don't hesitate to volunteer. The biggest asset the Society has is its members. Through your collective knowledge, support, and dedication to the field, the Coblentz Society continues to thrive. Thank you

all for your efforts and I look forward to seeing you at the Pittsburgh Conference in March.

MARY W. CARRABBA
PRESIDENT

CALL FOR NOMINATIONS FOR THE COBLENTZ SOCIETY'S AWARDS

The Coblentz Society requests nominations for the prestigious awards it supports:

COBLENTZ AWARD. The Coblentz Award is presented annually to an outstanding young molecular spectroscopist under the age of 36. The candidate must be under the age of 36 on January 1 of the year of the award. Previous recipients of this award are: John Overend (1964), William Fateley/Robert Snyder (1965), Edwin Becker (1966), Peter Krueger (1967), Jon Hougen (1968), James Durig (1969), Guiseppi Zerbi (1970), Clive Perry (1971), George Leroi (1972), C. Bradley Moore (1973), C.K.N. Patel (1974), Bernard J. Bulkin (1975), Geoffrey Ozin/George Thomas, Jr. (1976), Peter Griffiths (1977), Lester Andrews (1978), Lionel Carreira (1979), Richard Van Duyne (1980), Laurence Nafie (1981), Christopher Patterson (1982), Dave Cameron (1983), Steve Leone (1984), John Rabolt/Graham Fleming (1985), Joel Harris (1986), Alan Campion (1987), Keith Nelson (1988), Geri Richmond (1989), Hai-Lung Dai (1990), Paul Bohn (1991), Tom Rizzo (1992), Peter Felker (1993), Paul Alivisatos (1994), David J. Rakestraw (1995), Xiaoliang Sunney Xie (1996), Mounji Bawendi (1997), Pat Treado (1998), Brooks Pate (1999), Martin Gruebele (2000), Stacey Bent (2001), Andrei Tokmakoff (2002), Andrea Callegari (2003), Sergey Nizkorodov (2005), Michael Strano (2006), Martin Zanni (2007), and Xiaowei Zhuang (2008).

The award carries with it a \$2,000 prize plus a \$500 travel allowance. Files of candidates will be kept active until the date of age eligibility is exceeded. Annual updates of files of candidates are encouraged.

Nominations, which should include a detailed description of the nominee's accomplishments, a curriculum vitae, and as many supporting letters as possible, must be submitted to the award chairman [Dr. André Sommer, Department of Chemistry and Biochemistry, Miami University, Oxford, OH 45056; phone: (513)529-2874; fax: (513)529-7284; e-mail: sommeraj@muohio.edu] on or before September 1st.

WILLIAMS–WRIGHT AWARD. This award is presented annually at the Pittsburgh Conference to an industrial spectroscopist who has made significant contributions to vibrational spectroscopy while working in industry. The work may include infrared and/or Raman spectroscopy and instrumental development, as well as theory and applications of vibrational spectroscopy. Government labs are not considered industry in this definition. No restrictions are placed on the selection of the awardee because of age, sex, or nationality, but the awardee must still be working at the time the award is presented. The nominating document should clearly state the significance of the contribution made by the nominee, e.g., the introduction of novel methods, techniques, or theories; innovative work in the field of vibrational spectroscopy; significant improvement on existing methods,

theory, or techniques; or important impact on the field of vibrational spectroscopy arising from the volume of contributions in a specific area. The nomination should include a resume of the nominee's career and highlight accomplishments and any publications and talks. Seconding letters to the nomination are useful, but not necessary. Files on nominees will be kept active for three years, after which the candidate must either be renominated with an updated file or the file will be closed.

Previous recipients of the Williams–Wright Award are: Norman Wright (1978), Norman Colthup (1979), Jeanette Grasselli (1980), Paul Wilks/James Harrick (1981), Robert Hannah (1982), Harry Willis (1983), Robert Jakobsen (1984), Clara D. Craver/Richard A. Nyquist (1985), Abe Savitzky/Joseph J. Barret (1986), A. Lee Smith (1987), Darwin L. Wood (1988), D. Bruce Chase (1989), John F. Rabolt (1990), Robert J. Obremski (1991), Timothy Harris (1992), Curtis Marcott (1993), John M. Chalmers (1994), Michael R. Philpott (1995), Bob Messerschmidt (1996), Michael J. Pelletier (1997), Henry Buijs (1998), Don Kuehl (1999), John Reffner (2000), Raul Curbelo (2001), Isao Noda (2002), Neil Everall (2003), Neil Lewis (2004), Fran Adar (2005), Harry Owen (2006), Michael Carrabba (2007), Rina Dukor (2008), and Jerome Workman (2009).

This award includes a \$2,000 cash prize plus \$500 toward travel expenses to the Pittsburgh Conference. Nominations should be sent to the Chairman of the Williams–Wright Award Selection Committee [Dr. Karl Booksh, University of Delaware, Department of Chemistry and Biochemistry, Newark, DE 19707; phone: (302)831-2561; e-mail: kbooksh@udel.edu] before May 1st.

BOMEM–MICHELSON AWARD. This award is dedicated to the memory of Professor A.E. Michelson, developer of the Michelson interferometer. ABB sponsors the award to honor scientists who have advanced the technique(s) of vibrational, molecular, Raman, or electronic spectroscopy. Contributions may be theoretical, experimental, or both. The recipient must be actively working and may be associated with the academic, industrial, government, or private sector. The awardee must be at least 37 years of age. The award consists of a crystal symbol of the Bomem–Michelson award and an honorarium. In order to ensure that the award is based on an independent evaluation of the candidate's achievements, the selection is made by a committee chosen by the Coblenz Society. The presentation will be made at the Pittsburgh Conference.

Previous recipients of the Bomem–Michelson Award are: Thomas G. Spiro (1987), Carl Linberger (1988), Richard J. Saykally (1989), William Klemperer (1990), Alan Pine (1991), Jyrki Kauppinen (1992), Jack L. Koenig (1993), Herbert L. Strauss (1994), Terry Miller (1995), Ira Levin (1996), William H. Woodruff (1997), Bruce Chase (1998), Sandy Asher (1999), John F. Rabolt (2000), Larry Nafie (2001), Dan Neumark (2002), Peter Griffiths (2003), Dave Haaland (2004), Paul Bohn (2005), Robert W. Field (2006), David Bocian (2007), Geraldine Richmond (2008), and Martin Quack (2009).

The nomination should include a resume of the candidates' career as well as the special research achievements that make the candidate an eligible nominee for the ABB sponsored Bomem–Michelson Award. Files on

nominees will be kept active for three years, after which the candidate must be renominated with an updated file or the file will be closed. The nominating letter and supporting letters should be sent to the Chairman of the Bomem–Michelson Award Selection Committee [Dr. Laurence Nafie, Department of Chemistry, 2-016B Center for Science and Technology, Syracuse University, Syracuse, NY 13244-4100; phone: (315)443-5912, fax: (315)443-4070; e-mail: lnafie@syr.edu]. Nominations will close May 1st.

ELLIS R. LIPPINCOTT AWARD. The purpose of the Ellis R. Lippincott Award is to honor Dr. Lippincott's memory by the recognition of significant contributions and notable achievements in the field of vibrational spectroscopy. The Coblenz Society, the Optical Society of America, and the Society for Applied Spectroscopy sponsor the medal jointly. It is awarded annually at an appropriate scientific meeting. The award consists of the medal and travel allowances to the meeting. The awardee will present an address related to contributions for which they are being honored. In addition, there may be a symposium of talks by invited speakers.

Recipients of the medal must have made significant contributions to vibrational spectroscopy as judged by their influence on other scientists. Because innovation was a hallmark of the work of Ellis R. Lippincott, this quality in the contributions of the candidates will be carefully appraised. The contributions may be theoretical, experimental, or both, and may have been made in the course of applied as well as basic research.

No restriction is placed on the citizenship or national origin of candidates. A candidate need not be a member of any of the sponsoring societies. The award will not be made posthumously unless an awardee should die after the procedure of selection has been completed.

Previous recipients include: Richard G. Lord (1976), Lionel Bellamy (1977), Bryce Crawford, Jr. (1978), E. Bright Wilson (1979), George C. Pimentel (1980), Ian Mills (1981), Michel Delhaye (1982), John Overend (1983), Jon T. Hougen (1984), Ira W. Levin (1985), Wolfgang Kaiser (1986), C. Bradley Moore (1987), Andreas C. Albrecht (1988), Marilyn E. Jacox (1989), Robert W. Fields (1990), Richard J. Saykally (1992), John F. Rabolt (1993), Herbert L. Strauss (1994), Giacinto Scoles (1995), Giuseppe Zerbi (1996), Robin Hochstrasser (1997), Takeshi Oka (1998), Mitsuo Tasumi (1999), Donald Levy (2000), Lester Andrews (2001), Sandford Asher (2002), Shaul Mukamel (2003), Richard Mathies (2004), Jaan Laane (2005), Hai-Lung Dai (2006), Jonathan Tenynson (2007), and Richard P. Van Duyne (2008).

Nominations should contain the name and affiliation of the nominee and sufficient background information to justify the nomination. A nominator is expected to believe sufficiently strongly in the quality of the work of his or her candidate to provide evidence for that belief. No restriction is placed on who may nominate, and all nominations received by the committee prior to October 1 in any given year will be considered for the award to be presented in the following year. Files on nominees are kept active for three years, after which the candidate must be renominated with an updated file or the file will be closed. Nominations should be submitted to: Chairman, Lippincott Award Selection Committee, % Optical So-

ciety of America, 2010 Massachusetts Ave., N.W., Washington, D.C. 20036; phone: (202)416-1420; fax: (202) 416-6134.

CLARA CRAVER AWARD. The Craver Award is presented annually to an outstanding young molecular spectroscopist whose efforts are in the area of applied analytical vibrational spectroscopy. The candidate must be under the age of 45 on January 1st of the year of the award. The work may include any aspect of infrared (NIR, MIR, or Far), and/or THz, and/or Raman spectroscopy in applied analytical vibrational spectroscopy. The nominees may come from an academic, government lab, or industrial background.

Previous recipients of the award are: Katherine Bakeev (2007) and John Conboy (2008).

The award carries with it a \$2000 honorarium, a plaque, and a \$500 travel allowance. Files of candidates will be kept active until the age of eligibility is exceeded. Annual updates of candidate files are encouraged and will be solicited from the nomination source by the Award's committee chair.

The awardee will also be offered a 25-minute plenary lecture to the assembled FACSS Conference, at which the award will be presented. Further, a separate half-day award symposium honoring the award recipient and highlighting the interests of the awardee will also occur at the same conference.

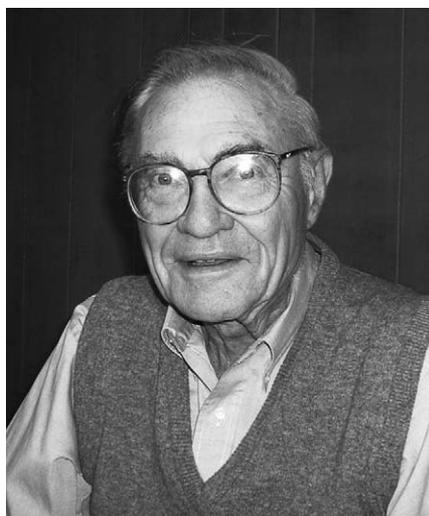
Nominations must include a detailed description of the nominee's accomplishments, a curriculum vitae or resume, and a minimum of three supporting letters. Nominations should be submitted to the Chairman of the Craver Award Selection Committee [Mark Druy, Physical Sciences, Inc., 20 New England Business Center, Andover, MA 01810, e-mail: druy@psicorp.com]. Nominations close on July 31.

SOCIETY ANNOUNCEMENTS

Obituary. Paul A. Wilks, Jr. died Saturday, October 11, 2008, at Dartmouth-Hitchcock Center in Lebanon, New Hampshire after a brief illness. He was 85 and lived an active and productive life until the end.

Paul was born on June 16, 1923, in Springfield, Massachusetts. He was the son of the late Paul A. Wilks and Ethyl Libby Wilks and the husband of the late Laura Parsons Wilks.

He graduated Harvard University in 1944 with a BS degree in Engineering and joined the Perkin-Elmer Corporation in Norwalk, Connecticut, that same year. Paul helped create Perkin-Elmer's analytical instrument division and assisted the development and introduction of their first infrared spectrophotometer. After several years, he left Perkin-Elmer to start his own infrared sampling handling equipment company—Connecticut Instrument Company—which he later sold to Barnes Engineering. Since that first company, he has founded four additional companies, all specializing in instruments and accessories based on infrared spectroscopy. Until his death, Paul played an active role in managing his latest two companies, Wilks Enterprise, Inc., founded in 1995 and located in S. Norwalk, Connecticut, and specializing in analyzers for such applications as determining oil/grease in water and biofuel measurements, and his latest business ven-



Paul A. Wilks, Jr.

ture, Wilks QC, Inc., founded in 2006 and located in Bradenton, Florida, which has developed an instrument for the soft drink industry to measure Brix and carbon dioxide.

Over a career spanning more than six decades, Paul introduced many innovative products to the infrared analysis marketplace. He held numerous patents on infrared instrumentation and sample handling techniques and published a long list of articles and technical papers on infrared technology. Paul served on the advisory board of *Spectroscopy* magazine and he was the recipient of many awards for his contributions to the field of infrared spectroscopy, including the Williams-Wright Award from The Coblenz Society, of which he was a founding member, the 2004 Pittcon Heritage Award from the Chemical Heritage Foundation, and the Gold Medal Award from the New York Section of the Society for Applied Spectroscopy.

Paul married Laura Parsons in 1947 and settled in Darien, Connecticut, where they raised their three children. He served on the Darien RTM for over twenty years and was ultimately chairman of the RTM Planning and Zoning Committee. More recently, he was a member of the Town Conservation Commission. He was a long-time member of Wee Burn Country Club.

Paul loved the water and for many years, he and his family would spend weekends and summer vacations boating on Long Island Sound and traveling to various ports on the East Coast. He enjoyed traveling around the world—whether for business or pleasure—and continued to do so until recently. He also loved horses and owned several trotters. Paul had the pleasure of being in the "Winner's Circle" on more than one occasion and even wrote and published a book on trotters.

Paul was predeceased by his wife, Laura, in 2006 and his son, Donald K. Wilks, in 2004. He is survived by his son Mark H. Wilks and his wife Rowena of New London, New Hampshire, his daughter Sandra Rintoul and her husband Roger Schumann of Boulder Creek, California, his daughter-in-law Maureen Fitzpatrick Wilks of Darien, Connecticut, and six grandchildren, Tyler Wilks, Dylan

Wilks, Katherine Wilks, Joel Rintoul, Lyla Rintoul, and Patrick Wilks.

Membership. Anyone wishing to join the Society may do so by sending \$20 to Dr. Mark Druy, Coblenz Society Membership Chairman, Physical Sciences, Inc., 20 New England Business Center, Andover, MA 01810.

Board Meeting. The Coblenz Society Board will hold its semi-annual meeting the week of March 8th at Pittcon in Chicago, Illinois. Any article of business that you want the Board members to consider needs to be sent in writing to Mary Carrabba, Coblenz Society President (see address at end of newsletter), prior to the conference.

Board Members. Two new board members are elected by the Society each year. Please send nominations for the term 2010–2013 to Coblenz Society President, Mary Carrabba (see address at end of newsletter) by September 1st.

Honorary Members. The Society is awarding honorary memberships in the Society to people who have made outstanding contributions to the field of Spectroscopy. Send your nomination for 2010 to Mary Carrabba, Coblenz Society President (see address at end of newsletter) prior to September 1st.

COBLENTZ SOCIETY BOARD

<u>Name</u>	<u>Term Expires</u>	<u>Telephone</u>
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Richard Larsen 6807 Gravel Branch Rd. Hurlock, MD 21643-3747	2009	(410)822-1220
Brian J. Marquardt University of Washington–CPAC 135 Chemistry Library Seattle, WA 98195	2010	(206)543-6054
Michael L. Myrick University of South Carolina Department of Chemistry 631 Sumter St Columbia, SC 29208	2010	(803)777-5264
Clara Craver 500 Park Blvd South #72 Venice, FL 34285	2011	(941)485-8210

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