

## NEWSLETTER

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A Society for Applied Spectroscopy Affiliate  
Editor: K. S. Kalasinsky

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**EDITOR'S COMMENTS**

The Coblentz Society continues to grow and expand. This newsletter is 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 November 1st for the February 2002 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*.

KATHY KALASINSKY

**PRESIDENT'S MESSAGE**

Two years ago when I took on the task of being president of the Coblentz Society, I stated that I had three goals for the Society in addition to managing the smooth running of the Society. Those goals were to (1) successfully complete the NIST/Coblentz Cooperative Research and Development Agreement (CRADA) to provide vibrational spectroscopists with an affordable library of infrared spectra, (2) improve the Coblentz Web page so that it would become the site of choice for vibrational spectroscopists, and (3) to increase membership in the Society. As I reflect on the last two years, I realize that we have not achieved these goals to the level that I had expected at the beginning of my term. Nevertheless, we have made reasonable progress. We were well on the way to completing the goals of the NIST CRADA (with all NIST spectra collected and all Coblentz spectra digitized) when the U.S. Inspector General put a halt to our efforts due to a complaint to a U.S. Senator that the CRADA would endanger the viability of the commercial IR libraries. The investigation, audit, and decision process by the Inspector General has taken nine months. At this time, the Inspector General has prepared the final report for review and signature. Early indications are that the NIST/Coblentz CRADA will probably be allowed to continue. If so, we may have all or a portion of the joint NIST/Coblentz libraries available for purchase by the time the

fall FACSS conference convenes. This infrared library consists of some 8500 gas-phase digital IR spectra from NIST and ~10 500 spectra digitized from the Coblentz Society data base. In an area related to the Coblentz libraries, we have scanned all the Coblentz IR handbooks into PDF files that have been burned into CDs. Pricing, marketing, and distribution issues have been decided at our Pittcon Board of Managers meeting. Further information concerning these CDs is in an accompanying article in this newsletter.

The Coblentz web page (<http://www.coblentz.org>) has been significantly updated. The updates were available for viewing at Pittcon. The updated web pages include several hundred links to web sites of interest to vibrational spectroscopists. Links include web sites for conferences, spectrometer and accessory manufacturers, software distributors, spectral libraries, chemometrics sites, organizations, publications, and spectral utilities. It is not the spiffier web site that I had envisioned. My teenage son (who is the web expert in the family) lost over 60 hours of work in the summer of 1999 when his computer crashed and his backup was found to be defective. Since he had a real job last summer, the job to rebuild the web site then fell on me. Not having the knowledge and skill of a 16-year old in web page development, I had to settle for a web page without all the bells and whistles. Yet, I think you will find a visit to the Coblentz site useful. The Society will continue to improve the web site in the future.

In the third area, we have managed to increase the membership of the Society. Last month we sent out over 500 renewal notices to Coblentz Society members. This is a reversal of earlier trends of decreasing membership and represents an important increase, especially considering that many scientific societies are continuing to lose members.

On a very positive note, the Coblentz Society has just finished its election of two new members to the Coblentz Board of Managers. I am proud to announce that contrary to another recent election of similar significance, we accomplished this election without a single hanging chad. There was only one overvote, but since it was submitted by an experienced voter from Florida, the overvote was clearly marked with the intended selection. Several un-



Dave Haaland, out-going Coblenz Society President (L), receives recognition for a job well done by John Hellgeth, in-coming Coblenz Society President (R), at the Annual Coblenz Society Meeting held at the Pittsburgh Conference in New Orleans this past March.

dervotes with only one candidate selected were also correctly counted. Therefore, I am confident that not a single voter's intention was missed. Every vote was counted by hand, and the voluntary recount yielded exactly the same result as the original count. Thus, we achieved 100% accuracy in the voting process. Mary Carraba, Becky Dittmar, Jim Rydzak, and J. D. Tate were the candidates for the two Board of Manager positions. I am pleased to announce that Becky Dittmar and Jim Rydzak were selected as the new Managers to serve on the Board for four-year terms. I look forward to working with them in the next year in my capacity as past-president. I wish to thank Mary Carraba and J. D. Tate for agreeing to run for the Board, and I also want to thank current Board members, Connie Paralusz and John Coates for their four years of service on the board. Since the Coblenz Society is a 100% volunteer society, we could not function with-



Dave Haaland, Coblenz Society President (R) presents the Williams-Wright Award to Raul Curbelo of Bio-Rad Laboratories at the Pittsburgh Conference in New Orleans this past March.



The Williams-Wright Award Symposium at the Pittsburgh Conference in Chicago featured (left to right, front row) Don Kuehl (speaker, Galactac Industries), Curt Marcott (Williams-Wright Award Chairman), Raul Curbelo (awardee, Bio-Rad Laboratories), Jack Koenig (speaker, Case Western Reserve University), (left to right, back row) Boiana Bud-evska (speaker, DuPont Pharmaceuticals Company), Jim de Haseth (speaker, University of Georgia), and Dave Haaland (Coblenz Society President).



Henry Buijs (R) of ABB Bomem presents the Bomem-Michelson Award to Larry Nafie, (L) of Syracuse University, in New Orleans at the Pittsburgh Conference this past March.



Many conferees were sporting "Larry Nafie buttons" at the Bomem–Michelson Award Symposium to show their support in the selection of the awardee. Thank you to Rina Dukor for supplying the much sought after memorabilia.

out the many hours of service by our Board of Managers, Committee Chairs, and committee members.

A new activity for the Coblenz Society this past fall was to become a sponsoring organization for the Eastern Analytical Symposium and Exposition. Jim Rydzak is the Coblenz Society representative at the EAS Board meetings. Bob Messerschmidt organized our first EAS Coblenz symposium entitled, "FT-IR Accessories for Solving Analytical Problems". This year at the EAS meeting in Atlantic City, NJ (October 1 through October 4, 2001) the Coblenz Society has organized several symposia on vibrational spectroscopy.

As president of the Coblenz Society, it is my responsibility to make various committee assignments for the Society. A few that were not made by the time of my last newsletter are given below. I have again been extremely gratified that everyone that I have asked to serve the Society has willingly agreed to the requested assignment. I wish to thank those who have finished their service to the Society on these various committees. I welcome those members who will now be joining these committees. Most of these assignments are for a three-year period. The former and future committee assignments are listed below.

**Coblenz Award Committee.** Pat Treado was chairman for the 2001 award and has agreed to be chairman for the 2002 award. Since John Hellgeth is the new president-elect, I have relieved him of his committee assignment on the Coblenz Award Committee and have filled his vacancy with Rick McCreery.

**Award Winners.** The winner for the 2000 Lippincott Award is Donald Levy. This award was presented at the annual OSA award ceremony October 23, 2000 in Providence, Rhode Island. Raul Curbelo was selected to receive the 2001 Williams–Wright Award, which was presented at the Pittsburgh Conference in New Orleans in March 2001. Larry Nafie was selected for the 2001 Bomem–Michelson Award, which was also awarded at the Pittsburgh Conference. Stacey Bent was selected as the winner of the Coblenz Award that was awarded at the summer Spectroscopy Conference at The Ohio State University.



The Bomem–Michelson Award Symposium at the Pittsburgh Conference in New Orleans featured (front row, left to right) Woody Woodruff (speaker, Los Alamos National Laboratory), Larry Nafie (awardee, Syracuse University), Henry Buijs (award presenter, ABB Bomem), Sandy Asher (speaker, University of Pittsburgh), (back row, left to right) Rina Dukor (speaker, Vysis, Inc.), John Coates (Bomem–Michelson Award Chairman), and Peter Griffiths (speaker, University of Idaho).

In addition to these awards, we have student awards sponsored by the Coblenz Society. We sent requests for nominations for these student awards in February. Please consider nominating deserving students for these Coblenz Student awards.

If you are wondering how you can contribute to the Coblenz Society, we are continually looking for new volunteers for tending to the Coblenz Society booth at the Pittcon, FACSS, and now EAS conferences. The booth serves to advertise the Coblenz Society and to attract new members. The larger the membership of the Society, the more influence we will have in supporting and promoting the field of vibrational spectroscopy. As members of the Society, I ask for you to volunteer for booth duty at the conference. It's a great opportunity to meet fellow vibrational spectroscopists and to help your organization grow and prosper.

In conclusion, I want to thank all the volunteers who



Coblenz Society Board members listen attentively to discussions at the Coblenz Society Board meeting held at the Pittsburgh Conference this past March: (left to right) Clara Craver (foreground), John Coates, Mike Pelletier, Andy Sommer (standing), Don Kuehl, Dave Schiering, Neil Lewis, and Bob Messerschmidt.

helped me facilitate the successful functioning of the Society. I look forward to working with your new President, John Hellgeth. I have every confidence that he will complete the tasks I leave uncompleted and will lead the Society in expanded directions. With the cooperation and help of so many members and volunteers, I know John will help the Coblenz Society flourish and continue in its goal to foster the understanding and application of vibrational spectroscopy.

DAVE HAALAND  
PRESIDENT

#### OBITUARY—R. N. JONES, 1913–2001

Richard Norman Jones passed away peacefully in Edmonton, Canada on February 17, 2001, a month shy of his 88th birthday. Norman is survived by his wife, Magda, who was his close companion for over sixty years. Magda Kemeny Jones is a native of Hungary. They were married in Budapest in 1939. They have two sons, five grandchildren, and two great grandchildren.

Norman Jones was born in Manchester, England in 1913. He was educated in England, where he received B.Sc., M.Sc., and Ph.D. degrees from the University of Manchester (1930–1936). Under the direction of I. M. Heilbron of the Chemistry department, he used ultraviolet absorption spectrophotometry while completing his doctoral thesis on the elucidation of the structure of Vitamin D. He carried out research on the structure of Vitamin D at a time when biochemical research was in its infancy. In 1937, Dr. Jones was awarded a grant and accepted a postdoctoral fellowship with Louis F. Fieser at Harvard University where he continued to use ultraviolet absorption spectrophotometry. He was encouraged to set up a laboratory for ultraviolet spectroscopy. Later, colleagues Hugh J. Creech and Albert H. Coons joined him, and the three made important contributions to the field of fluorescence microscopy.

Dr. Jones moved to Canada in 1942 to take up a faculty position at Queen's University in the Chemistry Department where he had his own research group on ultraviolet spectroscopy. During this same period, as a member of the National Research Council Associate Committee on Explosives, he was involved in a program using ultraviolet spectroscopy to control the manufacture of the explosive RDX. For 4 months in 1945, in a consultant capacity and in order to gain infrared spectroscopy experience, he went to the Sloan Kettering Institute for Cancer Research in New York to help establish a steroid hormone metabolism project using infrared spectroscopy.

In 1946, he accepted an appointment at the National Research Council (NRC) in Ottawa in the Chemistry Division as Head of the Organic Spectrochemistry Section where he established an internationally famous spectroscopy laboratory in the Sussex Drive facility. Until his retirement in 1977, Norman hosted over 100 postdoctoral fellows and visitors from all over the world.

Norman spent most of his life dedicated to spectroscopy and the importance of computers in handling data. In the early 1950s he was one of the first to recognize the need for an international agreement on symbolism and terminology for infrared spectroscopy and calibration standards for wavenumber and intensity measurements.



Dr. R. Norman Jones, 1913–2001.

He was instrumental in establishing the Commission on Molecular Structure and Spectroscopy by the International Union of Pure and Applied Chemistry (IUPAC). Dr. Jones held several offices in IUPAC, culminating in the Presidency of the Physical Chemistry Division (1973–1977). He was also active in establishing the Committee on Data for Science and Technology (CODATA) of the International Council of Scientific Unions (ICSU). In 1961, as part of an IUPAC program, his laboratory in Ottawa played a major role in formulating the first edition of *Tables of Wavenumbers for the Calibration of Infrared Spectrometers*. For technical reasons, the establishment of complementary tables of infrared intensity measurements proved to be much more difficult to achieve. It was only in 1973 that IUPAC saw fit to set up a Working Party under Norman's chairmanship to come to grips with this problem.

When Dr. Carty, the President of NRC, learned about Dr. Jones' passing, he asked me how I could describe his achievements in a few words; my nutshell reply was that "Norman married the computer to spectroscopy". In fact, when I joined Norman's group at the NRC in Ottawa in the mid sixties, this marriage was just being consummated. Interestingly, Dr. Herzberg, whose lab was next to Norman's, never felt very comfortable with computers.

Following his official "retirement" in 1978, Dr. Jones was invited to remain at the National Research Council

as an Emeritus Research Scientist. During this period, he continued his research and teaching. He spent 3 years at the Tokyo Institute of Technology in Japan where he was awarded an honorary Doctor of Science. He also returned to Queen's University to teach a 4th year/graduate course on infrared spectroscopy and on another occasion, he participated in a course on vibrational spectroscopy given to RCMP forensic scientists at Queen's.

After his second retirement from NRC in 1992, Norman and Magda went to live in Edmonton. This was partly to be closer to their son, David and his family, and partly so that Norman could continue some research projects with Professor John Bertie as a Professor Emeritus of Chemistry at the University of Alberta.

During his long distinguished career, Dr. Jones was recognized for his scientific contributions through two honorary degrees and many professional awards, including:

- Appointment to the Royal Society of Canada in 1948;
- Honorary Membership of the Spectroscopy Society of Canada in 1964;
- Pittsburgh Spectroscopy Award in 1968 for his many distinguished contributions to molecular spectroscopy, for his work in applying computer techniques to spectroscopic problems, and for his activities on several important international commissions;
- The Chemical Institute of Canada's Fisher Award in Analytical Chemistry in 1971;
- The Spectroscopy Society of Canada's Gerhard Herzberg Award in 1979;
- The Ellis R. Lippincott Medal in 1985; and
- The culmination of his career came in April 1999 when he was appointed an Officer of the Order of Canada at a ceremony at Government House in Ottawa.

Norman's accomplishments are impressive, but in my judgement, he most influenced the field of vibrational spectroscopy through his dedicated insistence that we strive for the highest quality data possible, and have realistic criteria by which to evaluate the data. I hear him always saying "know what you measure". His work on standard reference materials led to internationally accepted data. He tirelessly gave his time to pursue these activities through the Coblenz Society, CODATA, JCAMP, and as President of the Physical Section of IUPAC.

In honoring Norman on the occasion of his 80th birthday, Foil A. Miller, an old friend, took a few shots at "the other R. Norman Jones". I quote Foil here: "I shall certainly tell my students about your contributions to spectroscopy. This brings to mind the question—What traits of Norman Jones should they emulate? One always likes to present successful individuals as aspiring models for young people. You have been an unusually successful spectroscopist—innovative, prolific, thorough and careful, and highly regarded for your good work. What lessons does your example teach an aspiring young spectroscopist?"

- One should be an inveterate traveler, flitting hither and thither around the globe.
- One should be a clever practitioner of sly jokes.
- One should be a connoisseur of good food and wine.

- One should be an international operator, wheeling and dealing from Ottawa to Krakow to Tokyo.
- It helps immeasurably to have a polished British accent.
- By all means drive a small foreign car, with one's motoring cap jauntily cocked to one side.

This, then, is the example you set!"

Norman Jones will be fondly remembered by the entire international spectroscopic community, not only as one of the true pioneers who paved the way for the younger generation of scientists, but also as someone who had a strong feeling for the human side of science. He kept reminding us that we are dealing not only with science but with people. His interest and understanding of other cultures also made him an effective communicator and an influential voice in international science. You will be missed, Norman!

HENRY H. MANTSCH  
Winnipeg  
May 2001

## EASTERN ANALYTICAL SYMPOSIUM 2001

EAS will again be hosted by Atlantic City, NJ in 2001. The 40th EAS will be early this year, being held October 1–4 in the modern Atlantic City convention center. The technical program features more than 60 invited sessions, including over 300 recognized experts from across the field of analytical chemistry among the speakers. This will be supplemented with your contributed papers and posters. EAS will offer 30 short courses, also taught by renowned experts in their fields. Twenty-one exhibitor workshops, where you can hear about the latest technologies and techniques directly from the experts at our exhibiting companies, are also being offered.

The Coblenz Society will be sponsoring two symposia at this year's EAS. On Tuesday, David Schiering has organized a full day symposium entitled "New Directions in Vibrational Spectroscopic Imaging". On Thursday morning, David Schiering and Jim Rydzak have organized a half-day session entitled "Vibrational Spectroscopy in the Pharmaceutical Industry". In addition to these symposia, other members of the Coblenz Society have organized sessions on Raman Spectroscopy (Fran Adar), Advances in Vibrational Spectroscopy (Jerry Workman), IR Industrial Problem Solving (Clara Craver), Infrared Spectroscopic Imaging (Norman Wright), and Validation of NIR Methods (John Hellgeth). There is also an award session honoring Dr. J. W. Tukey that was chaired by John Ferraro. As usual, EAS will have a series of strong sessions in NIR and Chemometrics. The program has plenty of interest for the vibrational spectroscopist from Monday through Friday.

So join us for the warm late summer breezes off the ocean in Atlantic City. For those of us within a 2-hour drive, EAS for a day is an easy drive. For those who fly, several airlines offer jet service to Atlantic City, and Philadelphia International Airport is about an hour away. For additional information please try the EAS website [www.eas.org](http://www.eas.org) or e-mail the EAS office at [EASinfo@aol.com](mailto:EASinfo@aol.com).

## FACSS 2001 DETROIT OCTOBER 7-12

This year, the 28th Conference of the Federation of Analytical Chemistry and Spectroscopy Societies, (FACSS), will be held October 7-12 at COBO Conference/Exhibition Center in the Motor City, Detroit, Michigan. Approximately 800 presentations are scheduled in 115 oral sessions and 2 poster sessions. The program features organized and contributed talks in all areas of analytical science. Those of special interest to the vibrational spectroscopist include bioanalytical, environmental, materials analysis, process analysis, chemometrics, coherent two-dimensional vibrational spectroscopy, imaging techniques, infrared spectroscopy, microscopy, and the very popular Raman spectroscopy symposia.

Several of the daily awards symposia will be honoring Coblenz members. Professor Laurence Nafie will be presented the *Applied Spectroscopy* William F. Meggers Award. On Friday morning, FACSS will have a special symposium that will honor Bill Fateley, a long time Coblenz member, for his contributions to analytical chemistry.

Several international symposia featuring the Institute of Spectrochemistry and Applied Spectroscopy (ISAS) in Dortmund and Berlin, Germany, the Analytical Division of the Korean Chemical Society, and the Royal Society of Chemistry Analytical Division will be held at this year's meeting.

Over 35 FACSS, SAS, and ACS workshops and short courses are a valuable component of FACSS and are conducted by leading experts. View the FACSS web site at <http://facss.org> for additional information and abstracts on the workshops. e-mail: [facss@facss.org](mailto:facss@facss.org)

So motor over to the Motor City this October and join us for a great FACSS program, stay on top of your field with the workshops, and celebrate at the gala, which is planned for Wednesday evening. For further information or to register for the meeting, contact FACSS Registration, 1201 Don Diego Ave., Santa Fe, NM 87505, phone: (505) 820-1648; fax: (505) 989-1073; e-mail: [p.a.m@ix.netcom.com](mailto:p.a.m@ix.netcom.com); world wide web: <http://facss.org/>.

## COBLENTZ DATABASES NOW AVAILABLE ON CD

The Coblenz Society has scanned all of its spectral collections in hardbound books onto CDs. The spectral collections include the DESK BOOK (CSC-1), HALOGENATED HYDROCARBONS (CSC-2), PLASTICIZERS & OTHER ADDITIVES (CSC-3), GASES & VAPORS (CSC-4), and REGULATED & MAJOR INDUSTRIAL CHEMICALS (CSC-5). More information about the content of each of these spectral collections can be found on the website [www.coblenz.org](http://www.coblenz.org). These CDs are currently available from The Coblenz Society, % Craver Chemical Consultants, P.O. Box 265, French Village, MO 63036, Tel/Fax: (573) 358-2589.

The price of these spectral collections on CDs is the same as the original book prices for Coblenz members (CSC-1 \$130, CSC-2 \$90, CSC-3 \$100, CSC-4 \$90, and CSC-5 \$170). For non-members, the price is the original book fee plus \$25. All five of the books on CD can be purchased for a reduced bulk rate of the spectral collections combined for \$464 (4/5 the total of the individual

fees) for Coblenz members and for non-members, the same bulk rate plus \$25 (\$489). The five combined spectral collections contain over 2300 very useful spectra. If you have recently purchased the latest edition hardbound copy of one or more of the spectral collections, please contact the Coblenz Society as denoted above and the CD(s) can be obtained for a reduction of that listed here.

The Coblenz Society has also recently digitized its ten volume set of over 10000 spectra and this searchable, highly evaluated database will be available at the end of the year. Look for pricing and availability announcements soon. The Coblenz Society is also working with the National Institute of Standards and Technology (NIST) to combine the Coblenz digitized data with the current NIST digital infrared database.

## CALL FOR NOMINATIONS FOR THE COBLENTZ SOCIETY'S AWARDS

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

**Coblenz Award.** The Coblenz 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), and Stacey Bent (2001).

The award carries with it a \$2000 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. Pat Treado, ChemIcon, Inc., 7301 Penn Avenue, Pittsburgh, PA 15208; phone: (412) 241-7335; fax: (412) 241-7311; e-mail: [treado@chemimage.com](mailto:treado@chemimage.com)] on or before July 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, 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 the accomplishments including 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 re-nominated 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), and Raul Curbelo (2001).

This award includes a \$2000 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. Hector Casal, DHC Analysis, Inc., 3645 Warrensville Center Rd., #325, Cleveland, OH 44122; phone: (216) 295-0755; fax: (216) 295-1887; e-mail: [casal@dhcanalysis.com](mailto:casal@dhcanalysis.com)] before February 1st.

**Bomem–Michelson Award.** This award is dedicated to the memory of Professor A. E. Michelson, developer of the Michelson interferometer. Bomem, Hartman & Braun sponsors the award to honor scientists who have advanced the technique(s) of vibrational, molecular, Raman, or electronic spectroscopy. Contributions may be theoretical or 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 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 W. Levin (1996), William H. Woodruff (1997), Bruce Chase (1998), Sandy Asher (1999), John F. Rabolt (2000), and Larry Nafie (2001).

The nomination should include a resume of the candidate's career as well as the special research achieve-

ments that make the candidate an eligible nominee for the Bomem–Michelson Award. Files on nominees will be kept active for three years, after which the candidate must either be re-nominated with an updated file, or the file will be closed. The nominating letter and supporting letters should be sent to: Dr. Tom Niemczyk, Department of Chemistry, University of New Mexico, Albuquerque, NM 87131; phone: (505) 277-5319; fax: (505) 277-2609. Nominations will close March 31st.

**Ellis R. Lippincott Award.** The purpose of the Ellis R. Lippincott Award is to honor Dr. Lippincott's memory by recognizing the significant contributions and notable achievements of individuals in the field of vibrational spectroscopy. The medal is sponsored jointly by the Coblenz Society, the Optical Society of America, and the Society for Applied Spectroscopy. 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 he/she is 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 or 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), and Lester Andrews (2001).

Nominations should contain the name and affiliation of the nominee and sufficient background information to justify the nomination. A nominator is expected to believe strongly in the quality of the work of his or her candidate and 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 re-nominated with an updated file, or the file will be closed. Nominations should be submitted to: Chairman, Lippincott Award Selection Committee, % Optical Society of America, 2010 Massachusetts Ave., N.W., Washington, DC 20036; phone: (202) 416-1420; fax: (202) 416-6134.

## SOCIETY ANNOUNCEMENTS

**Membership.** Anyone wishing to join the Society may do so by sending \$10 to Dr. Richard Larsen, Coblentz Society Membership Chairman, 3 Waterview Drive, Lakewood, NJ 08701.

**Board Meeting.** The Coblentz Society Board will hold its semi-annual meeting the second week in October at the FACSS Conference in Detroit, MI. Any article of business that you want the Board members to consider needs to be sent in writing to Dr. John Hellgeth, Coblentz 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 2001–2005 to Coblentz Society President, Dr. John Hellgeth (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 2001 to Dr. John Hellgeth, Coblentz 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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