The SAS Spectrum Newsletter





The Newsletter of the Society for Applied Spectrscopy

January 2010

DEBBIE BRADSHAW STEPS DOWN AS EDITOR OF APPLIED SPECTROSCOPY NEWS FEATURE IN APPLIED SPECTROSCOPY AFTER 16 YEARS OF SERVICE

After 16 years, Debbie Bradshaw will turn over the role of editor of the 'Applied Spectroscopy News' feature in this journal to David Butcher who is already editing the SAS Spectrum Newsletter that is received electronically by all members of the Society. On behalf of all the members of the SAS, I would like to thank both Dave for agreeing to take on this additional responsibility and Debbie for the fantastic job that she has done over the past 16 years. Here are a few words from the people with whom Debbie has worked most closely in this time. (From Peter Griffiths, Editor-in-Chief, Applied Spectroscopy, 2009-)

NEW! Revolutionary RAMAN Spectrometer!

Introducing, for the 1* time ever, an instrument that combines:
RAMAN Microscopy, RAMAN and
RAMAN OPTICAL ACTIVITY (ROA)
Watch the unveiling at www.btools.com



(From Jim Holcombe, Debbie's Ph.D. advisor and Editor-in-Chief, Applied Spectroscopy, 1993-1997) Debbie's dedication to SAS and her longevity as the editor of 'Society News' and 'News of Other Societies' are no surprise to me. I've known Debbie since she entered the atomic spectroscopy field and watched her regularly shoulder additional tasks both inside the Society as an SAS member and outside as an instructor and trainer of new instrument users.

Might you have inadvertently run into Debbie? It's very likely. Some of you may have attended her user groups and special seminars that she independently organized for her colleagues in the Florida area. Others may know Debbie for her role as symposia (yes, that's plural!) organizer for FACSS and PittCon, often on behalf of SAS. If those venues weren't on your calendar then you may have noticed her regular presence in the SAS booth at many of the conferences or seated at the "Table of Power" while serving various SAS roles at the Board meetings. Or... you may have found her doing

her Ansel Adams imitation at the SAS awards ceremonies. She's everywhere! If you're unsure which lovely lady is Debbie Bradshaw, she's the person with a perpetual smile on her face and constantly appears to be having the time of her life!

(From Joel Harris, Editor-in-Chief, Applied Spectroscopy, 1997-2009) When I began my term as Editor-in-Chief of Applied Spectroscopy, Debbie had been the editor of 'Society News' and 'News of Other Societies' for nearly four years. I was delighted that she accepted my invitation to continue editing and

writing news items for the journal. Debbie's two columns had previously appeared at the end of monthly issues, but we decided that they could be combined into a 'Spectroscopy News' feature and moved to the A-pages at the front of the journal, where they could be printed with color, receive more attention, and have some room to grow.

Over the past 12 years, Debbie grew 'Applied Spectroscopy News' into a terrific feature in *Applied Spectroscopy*, with news about meetings, symposia, awards, and SAS business. You could always spot Debbie at SAS events with her camera in hand, taking pictures to add to her reports. She volunteered countless hours in the SAS booth at FACSS and PittCon, where she would collect stories of the goings-on of our members. Debbie's reporting also benefitted from an insider's view of SAS governance, when she served on the Society's Executive Committee as Parliamentarian and Treasurer.

Debbie deserves hearty thanks from the readers of *Applied Spectroscopy* for her 16 years of outstanding service as its news editor. I am personally grateful to Debbie, not only for the energy, creativity, and time that she devoted to the journal, but also for her friendship and support over the past 12 years that we served together as editors.

(From Bonnie Saylor, Executive Director, Society for Applied Spectroscopy) What can I say about Debbie Bradshaw? There are not enough words to express the gratitude I feel towards her for all she has done for the Society and me. Debbie epitomizes what a perfect SAS member is. She is dedicated to her field and to SAS. She has always been there when the office or Society needed her offering new ideas and words of wisdom. She has served the Society in so many ways including Parliamentarian, Treasurer, Poster Session judge, committee chair – the list goes on and on. But one of her key roles in the Society has been that of 'Applied Spectroscopy News' Editor for Applied Spectroscopy. Of all the jobs she has had, this one seemed to fit her best because it gave her a chance to permanently record the activities of the Society that she loves so much. It was only fitting that she should write a column that celebrated what SAS membership is about. It goes without saying that her contributions to the journal as editor of the Society News column will be missed. However, I know that even though Debbie is stepping down from this position, she is ready and waiting to take on something else because the Society is her home.

(From Rebecca Airmet, Production and Composition Editor of Applied Spectroscopy) Debbie Bradshaw was the 'Applied Spectroscopy News' column editor when I came on board in 2001. Having worked with her for almost 9 years, I can say without a doubt that she is intelligent, hard-working, and prompt! When Debbie says she'll do something, she does it! This is a greatly appreciated trait in the publishing industry and one that I have valued in Debbie for years. She always has interesting contributions to make and her columns have always been well written. The conference reports, full of pictures of our members and their shenanigans, are always a pleasure to read! I will miss working with Debbie every month, but I know Dave will step into her shoes admirably!

(From David Butcher, Spectrum Newsletter Editor, 2004-, Society for Applied Spectroscopy) Debbie was serving as the Editor of the 'Applied Spectroscopy News' column when I became Newsletter Editor in 2004. I quickly learned that Debbie was an experienced and delightful person with whom to work. She gave me a number of suggestions about photography and shared many of her best photos with me. Congratulations to her for sixteen years of excellent service.

Arizona State University Establishes Student Chapter

We are pleased to announce the establishment of the Arizona State University (ASU) Student Chapter of SAS. The group started in January 2009 and currently has ten graduate student members. Chapter officers for 2009 were Noah Weiss, president; Stacy Kenyon, vice president; and Erin Oelker, treasurer. Aside from organizational meetings, we hosted Dr. Franz Geiger from Northwestern University as part of

the SAS tour speaker program for a seminar on non-linear optics. The May 2009 event had excellent turnout with approximately 40 people attending the seminar.

The next event planned is an international-themed potluck social in November at a local park now that the weather has cooled off in Phoenix. We hope to make 2010 even more successful than our first year. The ASU student chapter would like to give special thanks to SAS, Bonnie Saylor- executive director, and Michelle Meighan- past student representative for making the establishment of our chapter possible. SAS has given ASU students a great opportunity for professional development and personal growth.

January Historical Events in Spectroscopy by Leopold May, Catholic University

January 1, 1852



Eugène A. Demarçay, born on this day, discovered europium in 1901 and gave spectroscopic proof of the discovery of radium (Ra, 88): vacuum studies of volatility and low temperatures followed by high temperature spark spectra.

January 12, 1896

Henry L. Smith took the first x-ray photograph on this day.

January 24, 1847



Joseph-Achille LeBel, born this date, was the first to present a theory on the relationship between molecules and how they absorb or reflect light. He theorized in 1874 that optical activity is due to an asymmetric carbon atom bound to four different groups and he is regarded as the cofounder of stereochemistry with J. H. van't Hoff.

January 24, 1966

B. B. Cunningham, and co-workers, made the first reported observation of the absorption spectrum of a compound of einsteinium at University of California, Berkeley, on this day.

Comments to butcherATemail.wcu.edu