

# SAS SPECTRUM eNEWS

## CALL FOR PAPERS:

### Special Edition of Applied Spectroscopy– Portable Spectroscopy

This call for manuscripts covers all aspects of handheld and portable spectrometers, including cellphone spectrometers, their design and performance, applications, data processing, libraries and chemometrics.

Portable and handheld instruments are being developed that are often more sensitive and selective, smaller, cheaper, and more robust than their laboratory predecessors. Concurrent improvements in analytical theory, data analysis methods, and portable processors enable these spectroscopic devices to give specific answers to their non-specialist operators.



Spectroscopy-based systems are now making critical judgments in environments and applications that were unreachable twenty years ago, from hazardous materials to the operating theater, and from field geologists to customs and border personnel. With the increasing processing and display power of cell phones, coupled with their high resolution cameras, a very recent development is ability to put both spectroscopic and imaging instrumentation into the hands of retail consumers, potentially with sharing and processing of their data in the cloud.

Manuscripts must reflect original research, development and applications, and will be subject to Applied Spectroscopy's usual peer-review process. The submission deadline is August 15, 2015. Please refer to the website announcement at <http://www.s-a-s.org/document/145/> for further details.

Submitted by Richard Crocombe and Mark Druy

## Prof. Cecil Dybowski Honored by the University of Delaware

Cecil Dybowski, professor of chemistry and biochemistry, has received the 2015 Francis Alison Faculty Award, the University of Delaware's highest competitive faculty honor. A member of the University of Delaware faculty since 1976, Dybowski is internationally known for his work in nuclear magnetic resonance — a field that is "one of the most complex and at the same time the most informative techniques available to science, technology and medicine," said Andrew Teplyakov, professor of chemistry and biochemistry, who nominated his colleague for the Alison Award.

For Dybowski, research and scholarship is just one aspect of a career in which he has always emphasized the importance of teaching, with both undergraduate and graduate students. "My job is to educate students and make them think," he said. "I don't try to train students to be technicians. I want them to learn how to think and solve problems."

Still, Dybowski has won numerous awards throughout his career, including the Gold Medal of the Society for Applied Spectroscopy and the 2010 Eastern Analytical Symposium Award for Achievements in Magnetic Resonance. He is a fellow of the American Association for the Advancement of Science, the American Institute of Chemists and the Society for Applied Spectroscopy.

He has published about 200 scientific papers and, with colleagues, has delivered hundreds of presentations about his research at seminars, conferences and invited talks at academic institutions and industry groups. He has been associate editor for the journal Applied Spectroscopy and is currently an associate editor for the Encyclopedia of Analytical Chemistry.

In his role as a teacher, Dybowski has mentored 10 postdoctoral associates and visiting scientists and 26 graduate students and has worked with 34 undergraduates in his research program. His former students hold positions at universities and research laboratories around the world, at major companies and in government and nonprofit agencies.

The SAS applauds Professor Dybowski and the well-deserved award.

Submitted by Andrew V. Teplyakov  
Department of Chemistry and Biochemistry  
University of Delaware

## ATTENTION SAS STUDENTS AND STUDENT ADVISORS

Are you ready to enhance your CV while serving your professional organization and fellow SAS student members?

SAS needs excited and motivated student members to run for the position of SAS Student Representative!

The term of your current student representative to the SAS Executive Committee and Board of Governors, Chad Atkins, is up at the end of this year. As such, we are going to be conducting a student-only election for this representative who serves as a student voice in the Society.

The student elected will serve a two-year term and will be required to attend the Executive Committee and Governing Board meetings at both Pittcon and SciX in 2016 and 2017 (we will also be requesting your presence at the 2015 SciX meeting in Providence, Rhode Island, for transition purposes). Travel expenses, except meeting registration, will be reimbursed at a set rate for the time that the elected student is required to be at the meeting for SAS purposes. Generally this will cover most travel costs, but not all depending on how you budget for the trip. The student representative is responsible for coordinating student-related activities at SciX and Pittcon and for generating new ideas related to student needs and issues.

In order to qualify for this position you must be a member in good standing of the Society and you must maintain that status throughout your term. You must be a student for at least one of the two years that you will serve in this position. You must be able to attend the above stated meetings. You must have an interest in Society activities.

We will be accepting your self-nominations for this position until June 15. Elections will be held shortly thereafter. To nominate yourself, please email the following information and question answers to [exdir@s-a-s.org](mailto:exdir@s-a-s.org):

Name  
Address  
Phone  
Email  
Years remaining as a student

Please answer the following questions:

1. What are the top issues facing students of spectroscopy and how can SAS help?
2. How does being a student member of SAS help in your career preparation?
3. What ideas do you have for recruiting and retaining student members?

If you have any questions please contact us at 301-694-8122. We look forward to hearing from you.