

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



October/November, 2008

SAS CELEBRATES 50 YEARS OF SERVICE TO THE SPECTROSCOPY COMMUNITY AT FACSS IN RENO



Former and current SAS officers and journal editors were honored at the SAS 50th anniversary celebration at FACSS XXXV in Reno, Nevada. Honorees include (left to right), front row: Larry Nafie (2003 President), Rina Dukor (2000 President), Kathryn Kalasinki (1997 President), Gary Hieftje (1991 President), James de Haseth (2007 President), Debbie Bradshaw (Treasurer 2002-2004), James Holcombe (Editor-in-Chief 1994-1997), Jeanette Grasselli Brown (1970 President), Joel Harris (Editor 1998 -), Paul Farnsworth (Editor 1998-), Paul Bourassa (Treasurer 2008-); back row, John Chalmers (2008 President) and John Carnahan (2009 President).

APPLIED SPECTROSCOPY DREAM TEAM



The Applied Spectroscopy and Editorial Production staff were recognized in Reno. Left to right: Editorial Assistant Jenny Jensen, Editor-in-Chief Joel Harris, Editor Paul Farnsworth, and Production and Composition Editor Rebecca Airmet. Harris and Farnsworth are stepping down as editors after twelve years of service. Accomplishments include conversion of all issues to electronic format and the development of a cooperative publishing arrangements with the Optical Society of America.

ANALYTICAL CHEMISTRY PREPARES HISTORICAL WEBPAGE

Analytical Chemistry has recently prepared a webpage devoted to the history of analytical chemistry. The general website is located at:

http://pubs.acs.org/journals/anchem/special_issue/80/15/index.html

A spectroscopy timeline, which may be of particular interest to SAS members, is at

http://pubs.acs.org/journals/anchem/special_issue/80/15/timeline-spectroscopy.html

OCTOBER HISTORICAL EVENTS IN SPECTROSCOPY by Leopold May, Catholic University

October 2, 1908



One hundred years ago, Walter Baird, an analytical instrument maker, was born. With John Sterner and Harry Kelly, he founded Baird Corporation. Baird Associates merged with Atomic Instruments, Inc., in 1956 and was renamed Baird Atomic, Inc. In 1978, the name was changed again to Baird Atomic, Inc. IMO Industries in bought the company in 1987, and it is now part of Thermo Fisher Corporation.

Comments to butcherATemail.wcu.edu

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PRESIDENT'S REPORT

FACSS 2008

JOHN CHALMERS

Having the opportunity to serve the Society as President throughout 2008 has been a true privilege and honour; even though it is not quite over yet, it is just a shame that the time seems to have flown by so quickly! I am so grateful to Bonnie Saylor and the SAS Office for their continual support, and for helping me out whatever and whenever the request. Bonnie and Victor are also always at hand to ensure that the wheels of SAS run smoothly and timely. While writing of the SAS Office, I would also like to thank Barbara Stull for her efforts over 24 years, and wish her all the best in her retirement from the SAS Office – very best wishes for the future Barbara, and thanks – and at the same time, welcome Stephanie Iocco, Barbara's replacement, on board. My thanks also go to Past President James de Haseth for his many contributions to the Society over his three-year term of Presidential duties; and I look forward very much to supporting throughout 2009, Jon Carnahan, over his term of office as President. I am sure Jon will do a great job.

The Journal, *Applied Spectroscopy*, has continued over recent years to go from strength to strength while under the terrific editorship of Joel Harris and Paul Farnsworth. It is a great visible front for SAS. So it will be a great miss to both the Journal and the Society when Joel takes a well-earned rest in 2009 having announced recently his retirement as Editor-in-Chief of the Journal after 9 years in the role, a period which has seen the Journal become probably the best journal covering the field of spectroscopy today. Many, many thanks go to Joel for his outstanding work as Editor-in-Chief. The Publications Committee, with Larry Nafie as its Chair, are presently enacting the procedure to find a replacement for Joel.

In this its 50th Anniversary year, SAS celebrations got off to a terrific start at the PittCon meeting in March in New Orleans. In addition to an excellent special reception on Tuesday evening, parallel SAS-organised symposia took place that afternoon. These two symposia ("50 Years of SAS: Looking to the Future with Atomic Spectroscopy" and "50 Years of SAS: Looking to the Future with Vibrational Spectroscopy") were organized by Debbie Bradshaw and Chris Hassell, respectively. Several long-standing SAS members led by Marvin Margoshes also contributed to the poster displayed that featured SAS' history. We are very grateful to the considerable help given to SAS by the Pittsburgh Conference and the Coblenz Society to enable SAS to kick off its 50th year celebrations in such a great way, in particular the help of John Jackovitz (Pittsburgh Conference) and Mary Carrabba (Coblenz President). Students and student membership remain a primary focus of SAS, and discussions are underway for enabling formation of Student Chapters; a proposal for a set of bylaws drafted by David Heaps, the SAS Local/Technical Section Affairs Coordinator, is under consideration. Michelle Meighan, SAS Student Representative, too ensured that students were well catered(!) for by organizing an event dinner in New Orleans during the PittCon meeting.

Following last year's extension of the Tour Speaker program into Europe, this year again saw Tour Speaker programs being held in both Europe and North America. In Europe, Dave Butcher gave talks at Universita di Roma "La Sapienza" and ISAS (Dortmund, Germany). Glen Boutilier was the tour coordinator for the U.S. which saw tours to 13 locations. The 2009 program is well underway under the coordination of Chris Snively.

As mentioned in my report for the EC meeting in New Orleans earlier this year, draft amendments to the Constitution and Bylaws have been proposed and are now being considered by the SAS'

Constitution Committee (2008 Chair, James de Haseth). The changes reflect a wish to update these to make them more appropriate to the 21st century, and facilitate the formation of Regional Sections. In anticipation of the changes becoming approved by the EC and GB, a group from the UK is poised to submit a statement of intent to the EC to form a "UK Regional Section"! A preliminary planning meeting of this group was held in July in the UK; the group comprises: Andy Brookes, Pavel Matousek (International Delegate-at-Large, and 2008-2009 SAS Membership Committee), Caroline Rodger (2008-2009 Local Section Affairs Committee), and me.

Progress with updating of the Society's website has unfortunately not progressed as far as had been anticipated for this time, but remains a high priority for SAS.

SAS will continue its 50th Anniversary celebrations at FACSS in Reno, sponsoring a number of symposia, including: Young Investigators and technical sessions, one of which will be: A Tribute to Gary Hieftje, Process Analytical Monitoring and Recent Applications of Ion Mobility Spectrometry.

Although my year as President is not out yet, I would like to thank the numerous volunteers, too many to thank individually, throughout the world, who give generously of their time to promote, advance and service SAS and its ambitions. And, I wish Jon Carnahan every success in his term as Society President in 2009.

SECRETARY'S REPORT

SAS GOVERNING BOARD MEETING

TUESDAY, OCTOBER 16, 2007 4:30 P.M.

MEMPHIS MARRIOTT - MEMPHIS, TENNESSEE

NATCHEZ ROOM

Business Meeting

- I. **Call To Order** James de Haseth (4:30 p.m.)
- II. **Roll Call** Timothy Keiderling (4:35 p.m.) A quorum was present.
- III. **Introductions** James de Haseth (4:40 p.m.)
- IV. **Meeting Rules of Order** Brandye Smith-Goettler (4:45 p.m.)
- V. **Approval of Minutes** from September 26, 2006, Governing Board Meeting (4:50 p.m.)

Moved and seconded passed without dissent

VI. Reports (5:00 p.m.)

Move and seconded that we accept reports as given.
Pass with no dissent.

A. President

B. Secretary

C. Treasurer

D. Executive Director

E. Journal Editor

F. Newsletter Editor

G. Membership Education

H. Web Editor

I. Membership Coordinator

J. Student Representative

VII. National SAS Committee Reports (5:20 p.m.)

Move the reports be accepted, and seconded.

A. Awards

B. Constitution and Bylaws No Report

C. Local and Technical Section Affairs

D. Nominating No Report

E. Publications

F. Publicity

G. Tour Speaker

H. Meggers Award

I. Strock Award

J. Lippincott Award

K. Tellers

L. Fellows

M. Long Range Planning

Discussion about the realization of Specialist Meetings.

Referred to Membership Committee —Gloria. Question of who will organize.

VIII. Delegate Reports (5:30 p.m.)

Move and second accept. Pass

A. FACSS Attached

B. Chemical Heritage Foundation Attached

IX. Unfinished Business (5:45 p.m.)

A. Allen Press Bill Cunningham made a report of sales of advertising, which have dropped significantly. Some lift in banner sites on Web Site is expected due to recent sales. Explain the need for a demographic profile survey for selling to advertisers.

B. SAS 50th Anniversary Jim de Haseth discussed plans for PittCon symposia (atomic and molecular spectra) followed by a reception. Some sort of historical display/poster will be combined with this event. FACSS will have extra funding for the reception and a student game night. We hope for 6 special spectroscopy sessions (looking forward) and plan to complement them by an enhanced wine and cheese reception. Also anniversary will be recognized in the Journal and with a new T-shirt. Suggestion was made to send out history presentation to local sections for their meetings. Also Local sections could send in information/graphics and local sections might provide posters on their own history.

Volunteers to organize sessions: Rina Dukor, Jessica Jarman, John Hellgeth, Tony Moffat & Kathrine Bakeev—for Royal Society, Pavel Matousek and John Chalmers – will help for International

C. FACSS Location - Potential choices discussed for 2010 site.

Question why the two New England sites were lower ranked. Problem of Sites cooperating and price were discussed. Comments made that FACSS location needs a strong local section of SAS, correlates to a strong industrial presence. This is important for strengthening sections as well as building the meeting. Problem of Jewish holidays brought up with regard to Reno. Solicit volunteers to work on site selection. John Hellgeth volunteered to work on site selection, SAS will transmit this offer to FACSS. Long range plan needs to discuss the wisdom of sites, and must look at getting local people who will come. Downtown Philadelphia was suggested, question if problem at Tier 1. Discussion of what a local section could do, helping run the site and find the site. Discussion of possibility of use of a suburban location. Local sections encouraged to make a proposal for site selection that benefits FACSS and SAS and attendees, based on cost and attendance. If specifications of needs were reviewed we might find added possibility for location. Suggestion was made that a person who lives in the host city be the local chair. Move and second, accept EC recommendation for 2010 FACSS, Atlanta first, Raleigh second. (18 yes, 7 abstain)

D. Local and Technical Section Coordinator - EC put forward David Heaps as the Local and Technical Section Affairs Coordinator, as an EC member. This was approved by Constitutional change last summer. Moved and seconded. Pass, no objections

E. Long Range Planning for Local and Technical Sections -

Discussion of the report and recommendations for small emerging area sessions/meeting to bring in new members. Local sections need people to step up as leaders. This could be local or technical. Suggestions were made to incorporate sessions in FACSS under our help. This would not involve separate meetings. FACSS is already pursuing extra symposia at FACSS. Suggestion was made

to identify a group that would be brought into SAS, as a whole technical section, offer them a benefit and build with bigger group at a time. Suggestion was made to do a check-off on membership enrollment to dual enroll. Suggestion was made to consider that sections should be problem oriented rather than technique oriented. Analogy was made to PittConn "in-situ" symposium.

X. New Business (6:20 p.m.)

A. Newsletter Editor - David Butcher recommended by EC for second term as Newsletter Editor. Moved and seconded, Passed.

B. Rolling Memberships— EC recommend change from annual to rolling membership, Moved and seconded, passed

C. Journal Editor— Joel Harris as Editor in chief, and Paul Farnsworth as Editor of the Journal (Applied Spectroscopy) agreed to be considered and were nominated for added 3-year term. Moved, seconded, pass

D. Constitution change—International. EC put forward to the Constitution and Bylaws Committee that separate International membership be eliminated (for an International Society) and "local" sections become "regional" sections which can now include places beyond the US.

E. Budget Review and Approval—Chris Hassel reported Moved and seconded, passed

XI. Date and Time of Next Meeting (6:30 p.m.)

Tuesday afternoon, Sept. 30, 4:30-6:30 at FACSS Meeting at Reno Jim deHaseth formally recognized and offered thanks to Becky Dittmar for service as President, and Chris Hassel as Treasurer, and Lacey Everett as Student Coordinator.

XII. Adjourn (6:35 p.m.)

Moved and seconded, passed

EXECUTIVE DIRECTOR'S REPORT

BONNIE SAYLOR

SEPTEMBER 2008

Membership

2008 to date: 1689

This time last year: 1624

Membership Breakdown USA 1429 International 260

Academic Non-Student 2008: 393 Student 206 Non-Academic 1090

Academic Non-Student 2007: 361 Student 203 Non-Academic 1060

Total New Members for 2008 158

Total New Members for 2007 276

Total New Members for 2006 161

Total New Members for 2005 205

Total Not Renewed for 2008: 307

2008 Registered for Online Access 782

2007 Registered for Online Access 511

2006 Registered for Online Access 512

2005 Registered for Online Access 467

2004 Registered for Online Access 419

2003 Registered for Online Access 441

2002 Registered for Online Access 415

2001 Registered for Online Access 325

Total enrolled in Local Section 2008 726

Total enrolled in Local Section 2007 793

Total enrolled in Local Section 2006 889

Total enrolled in Local Section 2005 1139

Total enrolled in Local Section 2004 1351

Total enrolled in Local Section 2003 1987

Total enrolled in Technical Section 2008 747

Total enrolled in Technical Section 2007 779

Total enrolled in Technical Section 2006 902

Total enrolled in Technical Section 2005 824

Total enrolled in Technical Section 2004 771
 Total enrolled in Technical Section 2003 405
 Total Paid for Extra Section 2008 142
 Total Paid for Extra Section 2007 96
 Total Paid for Extra Section 2006 72
 Total Paid for Extra Section 2005 65
 Total Paid for Extra Section 2004 89
 Total Paid for Extra Section 2003: 73

Subscriptions

2008 To Date: 888

Last Year This Time: 821

Subscriber Breakdown USA 548 International 348

Total Not Renewed for 2008: 76 Total New Subscribers for 2008: 74

Total New Print Subscribers for 2008 SAS 9 Total New Print

Subscribers for 2008 from OSA 7

Total New Online Subscribers from OSA 35

OSA 2008 Numbers 351

2008 Registered for Online Access 459

2007 Registered for Online Access 469

2006 Registered for Online Access 417

2005 Registered for Online Access 420

2004 Registered for Online Access 377

2003 Registered for Online Access: 374

2002 Registered for Online Access: 321

2001 Registered for Online Access: 273

2008 Signed License on File: 355

2008 No License on File: 140

Members

Membership is up this year for the first time in a while. We did initial renewals via email, second notices via paper, and third notices were phone calls made by Inalink. We have completed several marketing campaigns this year including mailings to non-member authors, EAS 2007, PITTCON 2008, FACSS mailing list, and the Winter Plasma mailing list.

Promotion Code

Authors 2

Brochure 1

Chicago Student Award 9

Come Back 08 1

Corp Spons Comp 12

DNTN SAS 08 8

FACSS 2007 Mail List 2

FACSS Booth 07 14

FACSS registration form 10

FACSS Student booth promo 53

FACSS/SAS Student Poster 4

INALINK 07 151

NE Students 12

PITTCON Booth 45

SAS APPL Card 08 2

Secure Server 08 202

Sub Svc 08 2

Telephone 08 44

WWW 08 10

Subscribers

Subscribers are up again this year. Our relationship with OSA continues to be a success.

Corporate Sponsors

We currently have 15 corporate sponsors. This is the same number as last year.

Finances

The budget has been prepared and will be presented by Paul Bourassa. We received the management comments from the 2008 audit right after PITTCON. The comments were all good.

Local and Technical Sections

Local and Technical sections continue to struggle with getting volunteers to serve as officers and with getting people to attend meetings. The following is a breakdown of membership in technical and local sections:

Technical Section

Atomic Spectroscopy 159

Biotechnology 21

Chemometrics 40

Chirality 19

Fluorescence 42

Forensics 22

Imaging 37

Laser Sampling 12

NIR/CNIRS 45

NMR 15

Polymer Characterization 29

Process 25

Vibrational/Coblentz Society 281

Total 747

Local Section

Arizona 16

Baltimore-Washington 52

Chicago 94

Cincinnati 17

Cleveland 29

Delaware Valley 40

Detroit 13

Houston 17

Indiana 17

Intermountain 10

Mid-Michigan 15

Minnesota 29

New England 92

New York 65

Niagara Frontier 6

Northern California 50

Ohio Valley 19

Pacific Northwest 16

Penn-York 6

Piedmont 33

Pittsburgh 22

Rio Grande 6

Rocky Mountain 26

Saint Louis 28

Snake River 7

Total 726

JOURNAL EDITOR'S REPORT

JOEL M. HARRIS

AUGUST 18, 2008

Applied Spectroscopy has run smoothly since the last Governing Board meeting in October. Last year, we published 2 accelerated papers, 175 regular articles, 11 spectroscopic technique papers, 6 Notes, 1 Feature Article, and 2 Focal-Point articles. While our number of manuscripts received for review was up for this year, the number of published papers was down slightly, thanks to the vigilance of the editors and reviewers in requiring that papers be of excellent quality. The rejection rate for *Applied Spectroscopy*

increased last year to 39%, a figure that is consistent with top quality journals. Comparisons with previous year statistics are included on the attached table. The number of Focal Point review articles published decreased to two last year. Focal Point Editors, Ben Smith and Rina Dukor, and I have worked hard to increase that number in the current year, including an initiative to publish the 50th-year symposium talks as Focal Point articles. These efforts are paying off, and in 2008, we will publish 6 Focal Point articles (these are already in print or accepted for publication). Suggestions for new topics and authors are always welcome.

The production costs for the journal are staying below budget thanks to continued aggressive management of manuscript quality, length, and color page costs, along with control of error costs in proofs, figures, and production, thanks to Rebecca Airmet. She provides format-marked manuscripts electronically to Allen Press including equations, so that the papers are effectively typeset by Rebecca. This system allows a short time period between manuscript acceptance and print publication, currently only 2 months for regular articles in the journal. This speed puts *Applied Spectroscopy* in the category of a rapid-communication journal, even for our regular articles.

Accelerated papers can appear in print within 5 weeks after acceptance. Allentrack, our electronic manuscript submission, reviewing, and tracking system has also been running well. There are few complaints, and we receive a number of compliments from authors and reviewers alike. Our median response time (from receipt of a manuscript to the first decision communicated to the authors) currently stands at 43 days.

Thanks to the efficient efforts of the Meggers Committee chair, Mike Morris, and his committee, the 2007 Meggers Award paper was selected and is "Infrared-Ultraviolet Sum-Frequency Generation Spectrometer with a Wide Tunability of the Ultraviolet Probe" by Toshiki Maeda and Taka-Aki Ishibashi. The paper appeared in the May 2007 issue of *Applied Spectroscopy* (Volume 61, Number 5, pages 459-464) and is featured in a symposium at FACSS.

Our initiative for developing cooperative publication arrangements with the Optical Society of America (bundling of our library subscriptions, addition of *Applied Spectroscopy* to OSA's InfoBase web collection of OSA journals) became effective January of last year. In 2007, we totaled 68,248 full-text PDF downloads of articles from *Applied Spectroscopy* through InfoBase. This number exceeded the 51,427 full-text article downloads that were provided through Ingenta last year. In the current year, our OSA-hosted article downloads have nearly doubled from last year's rate, totaling 65,699 through July, compared with 29,068 delivered by Ingenta over the same period. OSA is more than doubling the electronic distribution of our content. This increased readership should improve our impact and citation statistics in the future; it should also bring more manuscript submissions to the journal.

The quality and impact of *Applied Spectroscopy* remain strong, as reflected in the citation statistics for articles that we publish. Quoting data from ISI's *Journal Citation Reports* for 2007, *Applied Spectroscopy* achieved a Citation Impact Factor of 1.902, up slightly from the previous year. This factor is the number of times that articles published within 3 years were cited during the year in question. The articles in *Applied Spectroscopy* have immediate impact as reflected in Citation Reports' Immediacy Index of 0.208. This index indicates that 20% of the articles in the journal are cited during the same year in which they are published. The citation half-life of the journal is currently 8.1 years. This metric means that scientists continue referring to our papers for many years following publication.

Finally, as was announced by the SAS office, I will resign my appointment as Editor-in-Chief next year, at the end of my current three-year term and following 12 years of service to the Society. The SAS Publications Committee is currently seeking qualified candidates for the position. The new Editor-in-Chief will take over journal operations in July 2009.

APPLIED SPECTROSCOPY ANNUAL STATISTICS

	2002	2003	2004	2005	2006	2007
Focal Point Articles	4	4	4	1	2	4
Accelerated Articles	4	7	2	2	2	2
Regular Articles	208	190	190	178	183	175
Spectroscopic Techniques	6	11	6	7	14	11
Notes	16	22	15	11	4	6
Correspondence	2	2	2	0	2	0
Feature Articles	0	0	1	2	1	1
Total articles printed	240	236	220	201	210	197
Rejected manuscripts	60	59	35	50	63	50
Returned manuscripts	32	23	43	30	54	75
Total rejected & return	92	82	78	80	117	125
Papers received	343	315	298	292	321	352
Total A Pages	343	364	362	308	344	292
Total manuscript pages	1662	1642	1536	1590	1526	1442



Student event at FACSS in Reno.

TREASURER'S REPORT
PAUL BOURASSA
SEPTEMBER, 2008

	2008 Final Budget	2008 as of 14-Sep	Percent Used	Projections Until Year End	Total Inc/Exp Projected	2009 Proposed Budget
REVENUES						
Education Programs	\$2,000	\$0	0.00 %	\$0	\$0	\$0
Focal Point Book	\$500	\$123	24.60 %	\$50	\$173	\$500
Member Dues	\$123,000	\$110,913	90.17 %	\$2,000	\$112,913	\$115,000
Journal Income	\$600,000	\$623,561	\$103.93 %	\$10,000	\$633,561	\$635,000
Chapter Income	\$1,000	\$0	0.00 %	\$500	\$500	\$500
General Contributions	\$4,500	\$4,400	97.78 %	\$400	\$4,800	\$4,500
Investment Income	\$25,000	\$21,333	85.33 %	\$10,000	\$31,333	\$28,000
Miscellaneous Income	\$2,000	\$934	46.68 %	\$500	\$1434	\$2,000
Total Revenue	\$758,000	\$760,359	96.80 %	\$53,450	\$813,809	\$819,300
EXPENSES						
Salaries	\$153,000	\$88,665	57.95 %	\$65,000	\$153,665	\$161,000
Payroll Taxes	\$13,000	\$6,904	53.11 %	\$5,000	\$11,904	\$12,000
Personnel Benefits	\$2,000	\$540	27.00 %	\$1,400	\$1,940	\$2,000
Executive Committee	\$25,000	\$24,415	97.66 %	\$13,000	\$37,415	\$38,000
Governing Board	\$1,300	\$0	0.00 %	\$1,000	\$1,000	\$1,300
Membership Committee	\$200	\$429	214.43 %	\$400	\$829	\$1,000
Other Committees	\$2,000	\$462	23.10 %	\$500	\$962	\$1,000
Journal	\$400,000	\$244,506	61.13 %	\$156,000	\$400,506	\$420,000
Newsletter	\$1,000	\$500	50.00 %	\$500	\$1,000	\$1,000
Internet Services	\$2,500	\$494	19.75 %	\$2,000	\$2,494	\$15,000
Member Services	\$15,000	\$8,89	59.26 %	\$4,000	\$12,889	\$15,000
Member Education	\$0	\$0	0.00 %	\$0	\$0	\$0
Awards	\$33,000	\$26,161	79.28 %	\$17,000	\$43,161	\$25,000
Sections	\$18,000	\$12,403	68.91 %	\$500	\$12,903	\$15,000
Conferences	\$8,000	\$5,334	66.67 %	\$3,000	\$8,334	\$8,000
Member Acquisition/Retention	\$15,000	\$27,415	184.77 %	\$2,000	\$29,715	\$15,000
Society Office	\$90,000	\$49,296	54.77 %	\$35,000	\$84,296	\$90,000
Financing Expenses	\$5,000	\$2,191	43.81 %	\$1,000	\$3,191	\$5,000
Depreciation Expenses	\$1,500	\$4,521	301.42 %	\$3,000	\$7,521	\$1,500
Total Expenses	\$785,500	\$503,425	64.09 %	\$310,300	\$813,725	\$819,300
NET ORDINARY INCOME	\$0	\$256,934		-\$256,850	\$84	-\$11,000
OTHER INCOME/EXPENSE						
Chapter Distribution Add Back	-\$12,500	\$0	0.00 %	-\$12,500	\$0	-\$12,500
Total Other Expenses	-\$12,500	\$0	0.00 %	-\$12,500	-\$12,500	-\$12,500
Net Other Income	\$12,500	\$0	0.00 %	\$12,500	\$12,500	\$12,500
NET INCOME	\$12,500	\$256,934		-\$244,350	\$12,584	\$1,500

ON-LINE JOURNAL REPORT
PAUL FARNSWORTH
JOURNAL EDITOR

Online Activity

The numbers of full text downloads of *Applied Spectroscopy* articles from both Ingenta and OSA Infobases are summarized in Figure 1.

It is noteworthy that for the year August 2007 – July 2008, we averaged 13148 downloads per month from Ingenta and Infobases combined. For the year before our agreement with OSA was in place (January – December of 2006), the average was 4904 downloads. The trend in the number of downloads for Ingenta in 2006 was flat or even possibly downward. It is safe to say that the agreement with OSA more than doubled our electronic circulation, as noted by Joel Harris in his report. Similar, though less dramatic, effects of the OSA agreement were observed in our pay-per-view data. In the last two quarters PPV downloads through

Infobases has more than compensated for any drop in PPV traffic through Ingenta that resulted from the agreement.

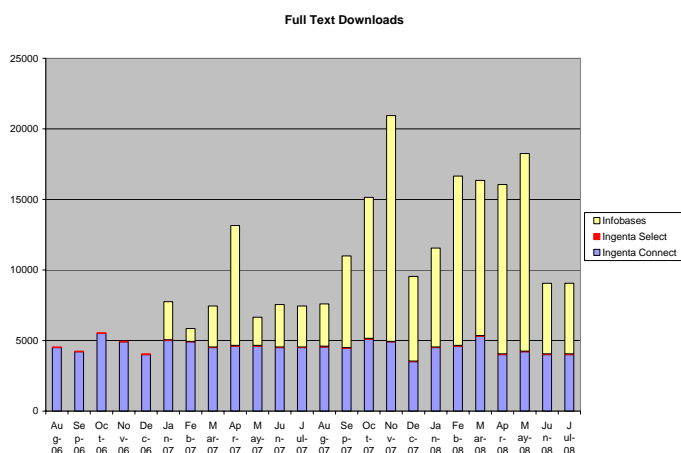


Fig. 1. Full text downloads from Ingenta and Infobases for the past two years.

The usage statistics provided by OSA and Ingenta provide some interesting insights into how the journal is being used. Fifty-six percent of the traffic through Ingenta comes from the United States, followed distantly by Canada (6%), the UK (5%), and Japan (5%). Usage patterns are consistent with the long citation half life mentioned by Joel Harris in his report. For example, of the pay-per-view downloads so far in 2008, 33 per cent were from issues in the back file (pre-1997). The data provided to me by OSA is sparser than that provided by Ingenta, and differences in reporting periods make comparisons difficult. Nevertheless, it is interesting to compare lists of the most frequently downloaded papers from the two sites, as is done in the table on the next page. No clear differences emerge between the two sets of users. Both lists include some papers from the back file, highlighted in brown, and two papers appear on both lists despite the differences in the reporting periods.

Overall, I consider the electronic version of *Applied Spectroscopy* to be in excellent shape. With two providers of our electronic content, the journal is accessible to a growing number of spectroscopists around the world and should continue to be one of the most valuable services that the society offers to the spectroscopic community for years to come.



Student event at FACSS in Reno.

Top Downloads, Ingenta Aug 2006 – July 2008

Title	Issue	# of downloads
A Review of the Theory and Application of Coherent Anti-Stokes Raman Spectroscopy (CARS)	1977 #4	386
Noninvasive Raman Spectroscopy of Human Tissue in Vivo	2006 #12	300
Single Molecule Raman Scattering	2006 #7	266
Surface-Enhanced Raman Spectroscopy in Single Living Cells Using Gold Nanoparticles	2002 #2	254
Surface Plasmon Resonance Imaging as a Tool to Monitor Biomolecular Interactions in an Array Based Format	2003 #11	239
Two-Dimensional Infrared (2D IR) Spectroscopy: Theory and Applications	1990 #4	228
Generalized Two-Dimensional Correlation Method Applicable to Infrared, Raman, and Other Types of Spectroscopy	1993 #9	218
Standoff Detection of High Explosive Materials at 50 Meters in Ambient Light Conditions Using a Small Raman Instrument	2005 #6	204
Laser Ablation	1995 #9	198
Quantitative Analysis Using Raman Spectroscopy	2003 #1	198

Top Downloads, Infobases, Jan 2008 – Sep 2008

Title	Issue	# of downloads
Keto-Enol Tautomerism of Dimedone Studied by Dynamic NMR	1996 #11	110
Far-Infrared Spectroscopic Characterization of Explosives for Security Applications Using Broadband Terahertz Time-Domain Spectroscopy	2007 #6	69
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**NEWSLETTER EDITOR'S REPORT
DAVID BUTCHER
AUGUST 7, 2008**

Four issues of the newsletter have been published since our last report, as detailed in the table below. They have focused on Pittcon Symposia to celebrate the 50th anniversary of SAS, SAS activities at Pittcon, and the FACSS Conference. Special thanks to the FACSS 2008 Team, Cindi Lilly, Gary Brewer, John Hellgeth, and Greg Klunder, for providing information for the August issue.

We also have published two posters presented at Pittcon that celebrate the 50th anniversary of SAS. Marvin Margoshes and Leopold May presented "A Brief History of the Early Years," and Leopold May, Bruce Chase, Peter Griffiths, and Joel Harris presented "A Series of Ground Breaking Papers from *Applied Spectroscopy*."

Issue	Topic
March 2008	Pittcon Symposia to Celebrate the 50 th Anniversary of SAS
April/May 2008	SAS Activities at Pittcon 2008 in New Orleans
Summer 2008	35 th FACSS Conference – Reno, Nevada, September 28 – October 2, 2008
August 2008	The FACSS Conference 2008 – Reno, Nevada, September 28 – October 2

**WEB EDITOR'S REPORT
STEPHEN BIALKOWSKI
SEPTEMBER 8, 2008**

There is no major change to the web site since the last report. I have been performing routine maintenance of the Society's web site. This includes meeting posts, updating membership forms, society news, checking and verifying links, updating the Corporate Sponsor lists, links, and logos, and performing miscellaneous tasks such as deleting old content.

A new Focal Point CD has been made. Unlike past editions, this CD does not mirror the SAS web site. The web use tracker is still running and there are reliable statistics for the number of times the main web page is accessed. SAS web is accessed about 19 times per week over the last four years. About two-thirds of the web site access has been from within the United States. This is followed by Asia and then Europe. The major Asian countries accessing the SAS site are Japan (5.1%), Iran (1.7%), China (1.3%), Taiwan (1.2%), and India (0.9%). The main European countries are UK (2.9%), Germany (2.6%), France (1.5%), and Netherlands (0.9%).

North America	3027	63.56%
Asia	719	15.09%
Europe	613	12.87%
Unknown	218	4.57%
South America	82	1.72%
Africa	52	1.09%
Oceania	48	1.00%
Central America	3	0.06%

**MEMBERSHIP COORDINATOR'S REPORT
GLORIA STORY
AUGUST 2008**

The membership committee met during Pittcon 2008 on Sunday, March 2nd (7:30 to 9:30 PM, New Orleans Hilton Riverside, Durham Room); those in attendance were Michelle Meighan, Bonnie Saylor, John Chalmers, Rina Dukor, David Heaps, David Butcher, Paul Bourassa, and Gloria Story. The planned agenda was to discuss the recent survey results from members, to review membership benefits and what could be expanded, to explore non-US membership growth, and to list new things we can do with the new website. An exciting ad hoc discussion on a new member benefit idea, ended up consuming most of the meeting. The idea was to organize a members-only program for Sunday, starting with the 2009 FACSS meeting in Louisville, KY. Most of those present thought that the program planned to begin the celebration of our 50th anniversary, the vibrational and atomic symposia at PittCon 2008, might be a format to build on. I presented the SAS members-only Sunday program idea at the FACSS long-range planning meeting at PittCon 2008 and it was unanimously approved. This topic will be discussed at the FACSS 2008 SAS Executive Committee board meeting and will be fleshed out at the FACSS 2008 membership committee meeting.

I would like to welcome my new committee members, Mike Carrabba and Pavel Matousek, and thank Jessica Jarman and David Schiering for their service. Our student rep, Michelle Meighan, continues to serve on the committee as well. Mike has already been busy, reporting recently that WiTec will support 10 student memberships at the FACSS 2008 exhibit opening event. Pavel, too, has reported that our UK members (Caroline Roger, John Chalmers, Andrew Brookes, and Pavel) are working to formalize a regional section there. He suggests that this will probably be the most effective way of boosting UK's membership and, if successful, may pave the way for the formation of more Regional Sections outside the US. They plan to send a formal letter of intent about this to the SAS Executive Committee.

**SAS STUDENT REPRESENTATIVE REPORT
MICHELLE MEIGHAN
FALL 2008**

The SAS has a strong tradition of student support and encouragement that helps to prepare students for their future careers. FACSS and Pittcon are two main outlets in which this support occurs. At FACSS this year, there are a myriad of student events, including the Sunday night poster session, Monday night social event, and the student/professional panel brown bag lunch on Tuesday. These occasions offer students a plethora of opportunity, ranging from interactive professional discussions and networking, discussing career options, and connecting with other students. Additionally, the Sunday night poster session offers students the opportunity to be recognized for their outstanding research presentations. The student event this year at FACSS will be a play-gaming experience to be held in the hotel conference center. At the event, students will be able to gather with their peers, meet other members of the society, and win raffle prizes such as memory sticks.

At Pittcon this past spring, the student social event was held at a local restaurant near the convention center. The turnout was very good, and the relaxing atmosphere encouraged open communication among students from different universities. David Heaps and I were able to inform students and generate interest about our new student chapters. I would like to thank everyone from the executive committee who were able to attend the event to support and get to know the student members of the Society.

Before Pittcon, David Heaps and I were able to compose initial by-laws and letters of intent for the student chapters, and those documents were reviewed at the Executive Committee meeting. We were then able to accumulate names of students at Pittcon who would be interested in starting a chapter. We strive to continue the dissemination of student chapter materials at FACSS, as well as amass the names and contact information of more potential student group leaders. I am looking forward to continuing the development of the student chapters and to working closely with the newly-forming groups.

REPORT OF AWARDS COMMITTEE. STUDENT AWARDS JULIAN TYSON, NANCY JESTEL AND PETER GRIFFITHS FALL, 2008

The committee selected Sean Burrows and Christina Young.

REPORT OF THE CONSTITUTION & BYLAWS COMMITTEE JOHN CHALMERS AND BONNIE SAYLOR FALL, 2008

Over the last year or so, there has been some discussion about updating the Constitution and Bylaws of SAS to make them more appropriate to today, and in particular adapt them to facilitate for groups outside of the USA to form SAS sub groups; this is essentially a re-branding of Local Sections to Regional Sections and also the loss of the distinction between an international member and a regular member.

Attached is a version of the Constitution and Bylaws with suggested proposed changes compiled by us; the sections having a change are highlighted in yellow, and the changes are in red or a strikethrough.

The main reason for proposing these amendments to the Constitution and Bylaws of the Society is to facilitate for national groups/countries outside of the USA to become sections of SAS or associated/affiliated with SAS, and thereby enhance both SAS membership and SAS benefits to all of its membership. David Heaps and I (John Chalmers) discussed retaining "Local Sections" as specific to the USA, and interposing above this a USA "Regional Section", but this option became overly complicated with constitutional and funding issues, etc. Hence, we favored the simple change from "Local" to "Regional". Student Chapters do not (yet) feature in the proposed revised Constitution and Bylaws. Bylaws, Article VII Dues, Section 1 has been simplified.

SOCIETY FOR APPLIED SPECTROSCOPY, INC. CONSTITUTION

ARTICLE I. NAME

The name of this organization shall be Society for Applied Spectroscopy, Inc.

ARTICLE II. OBJECT

The objective of this organization shall be to advance and disseminate knowledge and information concerning the art and science of spectroscopy and other allied sciences conforming to the provision of Section 501(c)(3) of the Internal Revenue Code and the Articles of Incorporation listed with the State of Maryland.

ARTICLE III. SCOPE

The scope of this Society shall be to undertake and promote activities which shall accomplish the objective. The term spectroscopy as used in the title and body of this Constitution is understood to mean the science and art of absorption, emission, Raman, mass, and related forms of spectral study for determining the composition and structure of matter. To accomplish the objective stated in Article II, the Society shall publish a journal known as *Applied Spectroscopy*. The Society and/or ~~Local~~ **Regional and Technical** Sections may conduct conferences or symposia on scientific subjects and may publish or give financial support to the publication of other scientifically useful information pertaining to spectroscopy.

ARTICLE IV - MEMBERSHIP

SECTION 1. MEMBERSHIP in the Society shall consist of:

- a. Honorary Members
- b. Regular Members
- c. Sponsoring Members
- d. Student Members
- e. Emeritus Members
- f. Retired Members
- g. Distinguished Service Awardee Members

SECTION 2. HONORARY MEMBERS shall be persons who have made exceptional contributions to spectroscopy and have been voted into their membership by the Governing Board. No more than two (2) Honorary Members can be named in any fiscal year.

SECTION 3. REGULAR MEMBERS shall be persons engaged in the study or use of spectroscopy and/or interested in the objective and scope of the Society.

SECTION 4. SPONSORING MEMBERS of the Society shall be corporate bodies or private companies actively interested in promoting the objectives of the Society on a national scale.

SECTION 5. STUDENT MEMBERS shall be full-time undergraduate or graduate students engaged in the study or use of spectroscopy and/or interested in the objective and scope of the Society.

SECTION 6. EMERITUS MEMBERS shall be persons who have contributed to spectroscopy and have been members of the Society for Applied Spectroscopy for 15 years, and now have retired from active scientific endeavor. Emeritus Members may be proposed by ~~a Local Section, through a Governing Board Delegate, by a Technical Section, by the Membership Committee, or by the Executive Committee~~ **any member of the Society**. Upon receiving a simple majority vote at a Governing Board Meeting, the member shall become an Emeritus Member.

SECTION 7. RETIRED MEMBERS shall be persons who have contributed to spectroscopy and now have retired from active scientific endeavor.

SECTION 8. DISTINGUISHED SERVICE AWARDEE MEMBERS shall be persons who have made exceptional contributions to the Society for Applied Spectroscopy and have been voted into their membership by the Governing Board.

SECTION 10. MEMBERSHIP PRIVILEGES AND OBLIGATIONS shall be established in accordance with the Society's Bylaws.

ARTICLE V. LOCAL REGIONAL SECTIONS

SECTION 1. The established **local** organizations or bona fide sections thereof, which shall have ratified this Constitution within one year of the establishment of the Society, shall be known as Founding Sections. A Founding Section is also a **Local Section**.

(In 2008 a constitution change was invoked that changed the name **Local Section** to **Regional Section**.)

SECTION 2. Members living or working in a **regional** or local geographical area shall have the privilege of constituting themselves as a **LOCAL**

REGIONAL SECTION of the Society. The establishment of a new ~~Local~~ **Regional** Section must be approved by the Governing Board of the Society and, if this new **Regional Section** is a local geographical area within a country, by the adjacent ~~Local~~ **Regional** Sections within that country.

SECTION 3. The Constitution and Bylaws of such ~~Local~~ **Regional** Sections shall be consistent and in harmony with the Objective and the Constitution and Bylaws of the Society. They shall be submitted to the Constitution and Bylaws Committee for approval prior to approval by the Governing Board of the Society; any subsequent changes must also be submitted to this committee for approval prior to approval by the Governing Board.

ARTICLE VI: TECHNICAL SECTIONS

SECTION 1. Members working or having an interest in a particular technical area shall have the privilege of constituting themselves as a Technical Section of the Society. The establishment of a new Technical Section must be approved by the Governing Board of the Society and in accordance with the terms set forth in the Bylaws of the Society.

SECTION 2. The Constitution and Bylaws of such Technical Sections shall be consistent and in harmony with the Objective and the Constitution and Bylaws of the Society. They shall be submitted to the Constitution and Bylaws Committee for approval prior to approval by the Governing Board of the Society; any subsequent changes must also be submitted to this committee for approval prior to approval by the Governing Board.

SECTION 3. Financing of Technical Section operations shall be in such manner and in such amount as may be approved by the Governing Board and outlined in the Bylaws of the Society.

ARTICLE VII. OFFICERS

SECTION 1. The DIRECTORS OF THE CORPORATION are the elected officers of the Society.

SECTION 2. The ELECTED OFFICERS of the Society shall consist of a President, President-Elect, Past President, Secretary, and Treasurer. Candidates for these offices shall meet the qualifications as set forth in the Bylaws of the Society. These officers shall be elected by the members eligible to vote, as stated in the Bylaws, by means of a letter ballot according to the procedure listed in the Bylaws of the Society. These officers shall perform the duties listed in the Bylaws of the Society and the parliamentary authority adopted by the Society.

SECTION 3. The person elected to be President shall first serve one (1) year as President-Elect, followed by one (1) year as President, followed by one (1) year as Past President or until his/her successor is elected. The Secretary and Treasurer shall serve a term of three (3) years or until their successors are elected. The terms of the Secretary and Treasurer shall whenever possible commence on different years. The elected officers shall begin their respective terms at the beginning of the calendar year.

SECTION 4. VACANCIES in the elective offices, except that of President, shall be filled by temporary appointment of an interim officer by the President with approval of a majority of the Executive Committee. The Nominating Committee shall, at the next regularly held election, present candidates to complete this term of office.

SECTION 5. The President-Elect shall assume the responsibilities of the President in his/her absence or incapacity. The President-Elect shall automatically succeed the retiring President provided the President-Elect was regularly elected to that office by the membership.

SECTION 6. The APPOINTED OFFICERS of the Society shall be the Editor-in-Chief of the Journal, the Newsletter Editor, the Web Editor, the Membership Committee Chairperson, and the ~~Local~~ **Regional** and Technical Section Affairs Coordinator. These officers shall perform the duties prescribed by the Bylaws of the Society. These officers shall be appointed by the Governing Board upon recommendation of the Executive Committee and shall serve for a three (3) year renewable term or until their successors are appointed. The appointed officers shall begin their respective terms at the beginning of the calendar year.

SECTION 7. VACANCIES in the appointed offices shall be filled by temporary appointment of an interim officer by the President with approval of a majority of the Executive Committee. The Governing Board shall, at the next regular meeting, appoint an officer to complete this term of office.

ARTICLE VIII - GOVERNMENT

SECTION 1. The Society shall be governed by the elected officers and the Governing Board.

SECTION 2. The GOVERNING BOARD shall consist of the appointed officers, the second-Past President, and 15 elected members. Those elected shall consist of 10 at-large members elected by the Society membership and 5 members elected by the ~~Local~~ **Regional** Sections. At least one of the at-large members shall neither reside in nor be a citizen of the United States of America. In addition, each Technical or ~~Local~~ **Regional** Section may send one voting delegate to represent that Section.

SECTION 3. Each elected Governing Board Member and each ~~Local~~ **Regional** or Technical Section delegate will have one vote. Elected member terms shall be two (2) years, and members can be re-elected for future terms.

SECTION 4. A QUORUM of the Governing Board shall consist of two-thirds (2/3) of elected members. The appointed officers and the Second-Past President may serve as voting alternates for the elected members.

SECTION 5. The elected officers, as voting members, and the appointed officers as non-voting members, shall constitute an EXECUTIVE COMMITTEE which shall assume responsibility for the government and welfare of the Society in the interim between Governing Board meetings.

ARTICLE IX. DUES

SECTION 1. The Society shall be financed by dues collected from the membership as set forth in the Bylaws.

SECTION 2. Provisions for the suspension of members for nonpayment of dues shall be set forth in the Bylaws.

ARTICLE X. DISBURSEMENT OF FUNDS

All funds of the Society shall be disbursed in accordance with the Bylaws.

ARTICLE XI. MEETINGS

SECTION 1. There shall be one (1) REGULAR MEETING of the Society per year at which the Governing Board shall convene. This meeting shall be at a time and place recommended by the Executive Committee and approved by the Governing Board.

SECTION 2. The regular meeting shall be known as the ANNUAL MEETING, and shall be for the purpose of announcing officers for the coming year, receiving reports of officers and committees, and for any other business that may arise.

SECTION 3. SPECIAL MEETINGS may be called by the Executive Committee or the Governing Board, as stated in the Bylaws. The purpose of the meeting shall be stated in the call.

SECTION 4. A QUORUM of the Governing Board shall consist of two-thirds (2/3) of elected members. The appointed officers and the Second-Past President may serve as voting alternates for the elected members.

ARTICLE XII. COMMITTEES

The Society shall have standing committees as specified in the Bylaws. All appointments are for the term specified in the Bylaws.

ARTICLE XIII. PUBLICATIONS

SECTION 1. *Applied Spectroscopy* shall be the official publication of the Society and shall be distributed to the membership in accordance with the provisions of the Bylaws. The Society may also publish a membership newsletter.

SECTION 2. The Journal and Newsletter shall operate on a budget approved by the Governing Board.

SECTION 3. The Editor-in-Chief of the Journal shall appoint his/her own staff and is responsible for the policy of the Journal.

ARTICLE XIV. GENERAL PROVISIONS

SECTION 1. The EXECUTIVE DIRECTOR is an employee of the Society who is responsible for maintaining the National Office of the Society.

SECTION 2. With the approval of the Executive Committee, the Society may employ one or more full or part-time employees to assist the officers.

SECTION 3. The Society shall not place its name or approval on any commercial product, enterprise, or work.

SECTION 4. The Society shall not be responsible for any views, theories, or statements advanced in papers or discussions at its meetings or set forth in its publications.

XV. RULES OF ORDER

The rules contained in the current edition of *Robert's Rules of Order* shall govern the Society in all cases to which they are applicable and in which they are not inconsistent with the Constitution and Bylaws, any special rules of order that the Society adopts, and any statutes applicable to this organization.

ARTICLE XVI. REMOVAL FROM OFFICE

The procedure for removal of an elected or appointed officer of the Society for reason of inability to perform the duties of the office or because of activities grossly inimical to the Society is as defined in the Bylaws of the Society. To that end, any four (4) voting members of the Executive Committee can jointly make a written request for the resignation of any other member.

ARTICLE XVII. AMENDMENTS

Any proposed amendment to this Constitution shall be studied by the Constitution and Bylaws Committee, and then presented to the Governing Board for initial approval. The proposed amendment shall then be published in the Journal or Newsletter and referred to the ~~Local~~ **Regional** Sections and Technical Sections for a minimum of ninety (90) days of consideration. The members eligible to vote, as stated in the Bylaws, shall then vote by letter ballot on the proposed amendment. A two-thirds (2/3) majority of the votes cast shall be required for adoption of the proposed amendment. The results of the balloting and the amendments shall be published in the Journal or Newsletter.

ARTICLE XVIII. INDEMNIFICATION

To the extent permitted by law, the Society shall indemnify and hold harmless the officers of the Society. Any person made a party to any action, suit, or proceeding by reason of the fact that such person, their testator, or intestate is or was an officer or employee of the Society or any organization in which the person served as such at the request of the Society shall be indemnified by the Society to the full extent permitted by law. Such right of indemnification shall not be deemed exclusive of any other rights to which such officer or employee may be entitled. Any amount payable by way of indemnity shall be determined and paid in accordance with SECTION 2-418 of the Corporations and Associations Volume of the Annotated Code of the State of Maryland unless otherwise directed by the Governing Board by resolution.

ARTICLE XIX. NON-DISCRIMINATION

No person in whatever relationship with the Society shall be subject to discrimination on the basis of race, ethnic background, national origin, religion, color, age, sex, or condition of handicap.

SOCIETY FOR APPLIED SPECTROSCOPY, INC. BYLAWS

ARTICLE I. MEMBERS

SECTION 1. All members of the Society shall be classified in one of the categories described under Article IV of the Constitution.

SECTION 2. MEMBERSHIP is established by application in writing, accompanied by payment of dues. RESIGNATION of membership is established by submitting a written statement of resignation to the Executive Director or Secretary.

SECTION 3. A REGULAR MEMBER may vote and hold office in the Society. Regular Members shall have an annual subscription to *Applied Spectroscopy* by reason of dues paid. A regular member may qualify for Interim Dues as designated in Article VII, Section 1 of the Bylaws for the first year after he/she no longer qualifies as a student member. Members under the Interim Dues category have all rights of a Regular Member including an annual subscription to *Applied Spectroscopy*.

SECTION 4. An HONORARY MEMBER enjoys all the privileges of a Regular Member for life. Honorary Members shall have a subscription to *Applied Spectroscopy* gratis.

SECTION 5. A SPONSORING MEMBER may designate one representative who shall enjoy all the privileges of a Regular Member and shall act as a liaison with the Society. This representative shall receive a subscription to *Applied Spectroscopy* by reason of dues paid. The SPONSORING MEMBER levels and benefits will be as follows:

~~a) Contributing Sponsors will be privileged to have their name listed on the Masthead page of *Applied Spectroscopy*. Will be allowed one use of one local section mailing list of their choice. Will receive a 12-month subscription to *Applied Spectroscopy*. Will have a company listing in all SAS promotional literature as well as in the Journal. Will have a hot link from the SAS home page to their web page. May have one news release~~

~~about the company or a specified product printed in the "What's New" section of *Applied Spectroscopy*. Will be eligible to participate in local section activities.~~

~~a) Contributing Sponsors will be privileged to have their name listed on the Masthead page of *Applied Spectroscopy*. Contributing Sponsors within the U.S.A. will be allowed one use of one Regional Section mailing list of their choice. All Contributing Sponsors will receive a 12-month subscription to *Applied Spectroscopy* (the Journal) and have a company listing in all SAS promotional literature as well as in the Journal. Will have a hyper-link from the SAS home page to their web page. May have one news release about the company or specified product printed in the "What's New" section of *Applied Spectroscopy*. Will be eligible to participate in Regional Section activities.~~

~~b) Sustaining Sponsors, Silver will receive all benefits of Contributing Sponsors. The Silver Sustaining Sponsor will be allowed one use of the entire SAS mailing list and two complimentary memberships.~~

~~c) Sustaining Sponsors, Gold will receive all benefits of Silver Sustaining Sponsors plus will be privileged to be allowed two uses of SAS mailing list and five complimentary memberships. Will be privileged to have the sponsor's logo featured monthly in the journal, *Applied Spectroscopy*.~~

~~1) Sustaining Sponsor, Platinum will receive all benefits of Gold Sustaining Sponsors plus be privileged to be allowed three uses of SAS mailing list and ten complimentary memberships.~~

SECTION 6. A ~~STUDENT MEMBER~~ **STUDENT MEMBER** shall not hold National Society office, serve as a voting delegate to the National Society Governing Board Meetings, nor vote on any matters pertaining to the Society. Student Members can serve as ~~Local~~ **Regional** Section officers and committee members at the ~~local~~ **regional** and national level and as technical section officers and committee members. The extent of his/her participation in the business of a ~~Local~~ **Regional** or Technical Section is the prerogative of that Section except for the limitations stated in the Constitution and Bylaws of the Society. Student Members shall have an annual subscription to *Applied Spectroscopy* by reason of dues paid.

SECTION 7. An EMERITUS MEMBER shall enjoy all the privileges of a Regular Member for life. Emeritus Members shall be supplied *Applied Spectroscopy* at no cost if the member so desires.

SECTION 8. A RETIRED MEMBER shall enjoy all the privileges of a Regular Member. Retired Members shall have an annual subscription to *Applied Spectroscopy* by reason of dues paid.

SECTION 9. A DISTINGUISHED SERVICE AWARDEE shall have all the privileges and rights of a Regular Member. Distinguished Service Awardees shall have a subscription to *Applied Spectroscopy* gratis.

ARTICLE II - QUALIFICATIONS FOR ELECTION/APPOINTMENT

SECTION 1. Only members in good standing of the Society shall serve as elected or appointed officers or Governing Board members.

SECTION 2. Candidates for Society office shall have served at least two years in one of the following capacities or one year each in two of the following capacities: executive committee elected or appointed member, journal editorial board member, delegate to the Governing Board, ~~Local~~ **Regional** or Technical Section officer, or chair of a Society committee.

SECTION 3. No elected or appointed officer including the Editor-in-Chief of the Journal shall be eligible to serve for more than two (2) consecutive terms in the same office unless, by vote of the Executive Committee and Governing Board, additional terms are approved.

SECTION 4. Nominations for the 10 at-large Governing Board members may come from the Nominating Committee, any ~~Local~~ **Regional** Section, any Technical Section, or in an open nomination call through the Newsletter and the Journal. The list of nominees will be submitted through the Nominating Committee. Five (5) Governing Board members are to be elected as a group by the ~~Local~~ **Regional** Sections Officer's Representative (maximum one representative per section). The ~~Local~~ **Regional** and Technical Section Affairs Committee will coordinate the nomination and election of these 5 members.

ARTICLE III - DUTIES OF THE OFFICERS AND GOVERNING BOARD MEMBERS

The duties of the officers are in addition to those stated in the Constitution, Article VI.

SECTION 1. The PRESIDENT shall:

- (a) preside at meetings of the Executive Committee and Governing Board.
- (b) oversee preparation of an agenda for each meeting of the Governing Board and the Executive Committee.
- (c) appoint a Parliamentarian to serve a one- year term, concurrent with his/her year as President. The person appointed Parliamentarian is expected to be familiar with parliamentary procedure as defined in *Robert's Rules of Order* and with the Charter, Constitution and Bylaws of the Society.
- (d) serve as *ex officio* member on all committees except the Nomination Committee.
- (e) appoint, with the concurrence of the Executive Committee, such other committees, standing or ad-hoc, as the Society shall from time to time deem necessary to carry on the work of the Society.
- (f) submit a written report at each regularly scheduled meeting of the Governing Board.
- (g) serve as FACSS Delegate.

SECTION 2. The PRESIDENT-ELECT shall:

- (a) perform all duties that may be delegated to him/her.
- (b) appoint such committee chairs-elect and members as specified by the Bylaws. The President-Elect or his/her designee shall be Chair of the Constitution and Bylaws Committee.
- (c) serve as FACSS Delegate.

SECTION 3. The PAST PRESIDENT shall:

- (a) assist the President, Executive Committee, and/or Governing Board as requested.
- (b) be in charge of the review and update by the Executive Committee of the SAS Handbook for Officers and Committee Members.
- (c) serve as FACSS Delegate.

SECTION 4. The SECRETARY shall:

- (a) be responsible for the minutes of all Governing Board and Executive Committee meetings.
- (b) call the roll at the Governing Board meetings and determine the presence of a quorum.
- (c) attend to the correspondence of the Society.
- (d) submit a written report at each regularly scheduled meeting of the Governing Board.
- (e) perform all of the duties incident to the office of Secretary and such other duties as requested by the President, the Executive Committee and/or the Governing Board.

In the absence of the Secretary from any meeting of the Governing Board or Executive Committee, a Secretary *pro tempore* may be appointed by the President to record the minutes of the meeting.

SECTION 5. The TREASURER shall:

- (a) serve as the chief financial officer of the Society.
- (b) keep and maintain, or cause to be kept and maintained, full and accurate accounts of the properties and business transactions of the Society including accounts of its assets, liabilities, receipts, and disbursements.
- (c) deposit all funds in the name and to the credit of the Society with such federally insured account or other depositories as approved by the Executive Committee.
- (d) maintain proper signature authority on Society accounts with such authority being limited to the Treasurer, the Executive Director, and the person chosen to be President-Elect on the same ballot from which the Treasurer is chosen. The said incoming President-elect shall continue to have signature authority during his/her term as President and as Past President, a total of three years.
- (e) make reports on the financial status of the Society at least quarterly to the Executive Committee, and shall at the first Governing Board meeting of the fiscal year present an annual report, including a balance sheet, a statement of revenue and expenses, and statements of cash flow and changes in fund balances for the preceding fiscal year.
- (f) hold, oversee, and report on special designated funds separate from Society and Journal accounts. In the event of dissolution of the Society, the special designated funds shall revert back to the co-sponsoring organizations.

- (g) perform all of the duties incident to the office of Treasurer and such other duties as requested by the President, the Executive Committee and/or the Governing Board.

SECTION 6. The EXECUTIVE COMMITTEE shall:

- (a) annually conduct a performance review of the Executive Director and the operation of the Society Office.
- (b) discuss plans for the following year with the Executive Director and set mutually agreed upon goals for the following year's performance review.
- (c) recommend any changes in dues and their allocations to the Governing Board for consideration at the Governing Board Meeting prior to the Annual Meeting. The new dues will become effective on the first day of the fiscal year following the Annual Meeting.

SECTION 7. The GOVERNING BOARD members:

- (a) shall attend Governing Board Meetings;
- (b) can be reimbursed up to \$200.00 for each meeting for travel expenses. All requests for travel reimbursement must be made within 30 days of the meeting or reimbursement will be forfeited;
- (c) may serve on committees.

ARTICLE IV - REMOVAL FROM OFFICE

SECTION 1. If a member of the Executive Committee has been asked to resign as defined in Article XV of the Constitution and has declined, the matter can be placed on the agenda of any meeting of the Governing Board by vote of any four (4) voting members of the Executive Committee. The individual whose removal is sought must be notified in writing of this action at least one (1) week in advance of the Governing Board meeting. Notice of this action shall be included on the agenda of the Governing Board meeting.

SECTION 2. During the proceedings before the Governing Board concerning a removal from office, the presiding officer will be the person elected by a simple majority vote of the Governing Board, except that no person who is a member of the Executive Committee may preside. The individual whose removal is being sought is entitled to the assistance of up to three (3) persons of his/her choice in these proceedings. The proceedings will take place under *Robert's Rules of Order*.

SECTION 3. Removal of a member of the Executive Committee from office requires the approval of three-fourths (3/4) of the Governing Board who are present and voting.

ARTICLE V - Executive Director

The Executive Director shall:

- (a) maintain the membership records of the Society.
- (b) conduct the routine daily business of the Society under the direction of the elected officers and Governing Board of the Society.
- (c) work with the Journal Editor-in-Chief in coordinating mailings and bill processing.
- (d) supervise all of the Society staff.
- (e) prepare a budget for the operation of the Society and the Journal, in consultation with the Executive Committee.

ARTICLE VI - FISCAL YEAR

The fiscal year of the Society shall begin January 1st and close December 31st of each year.

ARTICLE VII - DUES

SECTION 1. The current annual dues of the several types of membership shall be as follows (2007 rates):

The Regular Member, Student Member and Interim Member annual dues will be set yearly by the Executive Committee and made available on the Society's web page.

- ~~Regular U.S. Member with Print and Online Journal \$75.00~~
- ~~Regular U.S. Member with Online Journal only \$65.00~~
- ~~Regular Canada/Mexico Member with Print and Online Journal \$90.00~~
- ~~Regular Canada/Mexico Member with Online Journal Only \$65.00~~
- ~~Regular International Member with Print and Online Journal \$115.00~~
- ~~Regular International Member with Online Journal Only \$65.00~~
- ~~Interim U.S. Member with Print and Online Journal \$45.00~~
- ~~Interim U.S. Member with Online Journal Only \$40.00~~
- ~~Interim Canada/Mexico Member with Print and Online Journal \$60.00~~
- ~~Interim Canada/Mexico Member with Online Journal only \$40.00~~
- ~~Interim International Member with Print and Online Journal \$85.00~~
- ~~Interim International Member with Online Journal Only \$40.00~~

Student U.S. Member Print and Online Journal \$25.00
 Student U.S. Member Online Journal Only \$20.00
 Student Canada/Mexico Member Print and Online Journal \$40.00
 Student Canada/Mexico Member Online Journal Only \$20.00
 Student International Members Print and Online Journal \$65.00
 Student International Members Online Journal Only \$20.00
 Retired Member Print and Online Journal \$25.00
 Retired Member Online Journal Only \$20.00

Emeritus Member None
 Distinguished Service None
 Honorary Member None
 Technical and ~~Local~~ Regional Section Member
 Choice of one free
 With SAS Membership. Additional Sections \$10 each
 Non-SAS Member Technical Section Member \$20 each

Sponsoring Member:
 Contributing \$500.00
 Sustaining, Silver \$1000.00
 Sustaining, Gold \$1500.00
 Sustaining, Platinum \$2000.00
 Sustaining, Platinum for 3 years \$5000.00

SECTION 2. PROMOTIONAL MEMBERSHIP FEES shall be a special one-time fee, approved and set for each event by the Executive Committee. Promotional membership applies to new members only.

SECTION 3. The ANNUAL DUES of all members are due and payable ~~on or before the beginning of each fiscal year.~~ **upon receipt of a Society invoice.**

SECTION 4. SUSPENSION FOR NON-PAYMENT OF DUES. A member who fails to pay the annual dues on or before January 31 shall automatically be suspended from membership privileges and his/her subscription to *Applied Spectroscopy* canceled.

SECTION 5. REINSTATEMENT. A suspended member may be reinstated upon payment of the current year's dues. A reinstated member who desires to receive the issues of *Applied Spectroscopy* which he/she missed must pay postage for the shipment.

SECTION 6. ADDITIONAL DUES. A ~~Local~~ Regional Section may assess additional dues at the discretion of its Executive Board or as specified by the Section's Bylaws.

SECTION 7. SETTING OF DUES. Future dues will be set at the Executive Committee Meeting prior to the Annual Meeting and will become effective on the first day of the fiscal year following the Annual Meeting. The dues will be automatically changed annually by a level corresponding to the previous year's inflation rate, as reflected in the Consumer Price Index or other suitable measure, rounded to the nearest U.S. dollar, or another level recommended by the Executive Committee and approved by the Governing Board.

ARTICLE VIII - ALLOCATION OF DUES

SECTION 1. The dues collected from the Regular Members, Student Members, Retired

Members and promotional memberships shall be allocated as follows:

Account of the Society	85%
Local Regional Section or Technical Section per member's choice	15%

The ~~Local~~ Regional Section or Technical Section allocation shall be calculated by the Executive Director and forwarded to the Treasurer of the ~~Local~~ Regional or Technical Section with which the member is affiliated upon receipt of the completed ~~Local~~ Regional or Technical Section annual activity questionnaire provided by the Society Office.

SECTION 2. The dues collected from a Sponsoring Member shall be allocated as follows:

Account of the Society	65%
Local Regional or Technical Section per member's choice	35%

The ~~Local~~ Regional or Technical Section allocation from Sponsoring Members shall be divided per capita based on SAS regular and student membership among the existing ~~Local~~ Regional and Technical Sections and forwarded to the Treasurers of these Sections upon receipt of the

completed ~~Local~~ Regional or Technical Section annual activity questionnaire provided by the Society Office.

ARTICLE IX - DISBURSEMENT OF FUNDS

SECTION 1. Regular budgeted expenses of the Society shall be paid or authorized by the Treasurer. Non-budgeted payment to private individuals shall be paid only upon receipt of a proper voucher processed by the Executive Director and found in compliance with Society expense guidelines. All expenses must be submitted to the Society office within 30 days of the event or travel dates in order for reimbursement to occur.

SECTION 2. No officer, member, or employee of the Society shall incur any non-budgeted financial obligations in the name of the Society without the consent of the Governing Board or, in the interim between meetings, of the Executive Committee.

SECTION 3. Expenses of the Society not specified and provided for in the budget must be approved by the Governing Board before payment or, in the interim between meetings, by the Executive Committee.

SECTION 4. The completed annual activity questionnaire must be received by the Society Office on or before October 30th for the dues to be allocated for that year. The dues not allocated will be returned to the National budget.

ARTICLE X - PUBLICATIONS

SECTION 1. NEWSLETTER. The Newsletter Editor shall:

- be responsible for the regular publication of the Newsletter.
- have the prerogative to appoint an editorial staff to assist him/her. The Newsletter Editor's duties shall include, but not be limited to, the publication of the Society news, items of interest to the membership, personal notes concerning members, and Governing Board business. The Newsletter is the official document where the Governing Board minutes are published.

SECTION 2. JOURNAL. The Editor-in-Chief of *Applied Spectroscopy* shall:

- be responsible for the regular publication of the Journal of the Society.
- have the prerogative of appointing an editorial staff to assist him/her.
- have the prerogative of hiring secretarial help, with the approval of the Executive Committee.
- receive scientific papers, consider with the assistance of appropriate reviewers their suitability for publication, and prepare those acceptable for publication with a minimum of delay.
- promote the publication of Society news, announcements of meetings of the Society and related organizations, abstracts of papers, book reviews, personal notes concerning members, et cetera.
- continually strive to improve the professional reputation of the Journal within the limits of the annual budget of the Journal.
- establish all subscription rates to the Journal, other than those through membership, with approval of the Executive Committee.

SECTION 3. *Applied Spectroscopy* shall be published twelve (12) times per year.

SECTION 4. Members outside the United States may be assessed an additional charge to cover delivery costs of **print copies** of *Applied Spectroscopy*. The delivery charge shall be set by the Executive Committee on the basis of recommendations by the Editor-in-Chief.

SECTION 5. The following provisions apply to *Applied Spectroscopy*:

- Approval of all manuscripts for publication in *Applied Spectroscopy* may be made only by the Editor-in-Chief, following recommendations from external reviewers.
- All manuscripts submitted for publication in *Applied Spectroscopy* shall not have been published elsewhere except in the form of company or government reports.
- Publication in *Applied Spectroscopy* is not a requirement for papers presented at meetings or symposia sponsored by the Society or ~~Local~~ Regional Sections.
- Groups of papers on closely related topics, proceedings of meetings, or symposia may be published as separate volumes.
- Special invited papers and critical reviews may be published.
- Only the Society may copyright material in the name of the Society for *Applied Spectroscopy*. If a volume is to be copyrighted by a ~~Local~~ Regional Section, the suggested form is "Copyright, 49xx20xx, Northwestern Section, Society for Applied Spectroscopy."

(g) The Society for Applied Spectroscopy shall own the copyright for the original and any renewal term thereof of any manuscript of an author which is published by the Society. The author of any such manuscript shall have the right to make a non-profit or noncommercial use of the work provided that he/she affixes to each copy the copyright notice used by the Society when the manuscript was first published. The author shall have the right to make or authorize any for-profit or commercial use of any such writing only after first obtaining the written consent of the Executive Director.

SECTION 6. CONSTITUTION AND BYLAWS. The Constitution and Bylaws shall be published on a periodic schedule to be determined by the Executive Committee.

ARTICLE XI - ELECTIONS

SECTION 1. The election of officers and At-Large Governing Board Members of the Society shall be conducted in the manner prescribed in these Bylaws and completed by September 1. A lapse of not less than twenty-one (21) days shall be permitted between mailing out the ballots and the closure of the election.

SECTION 2. The Executive Director shall prepare a ballot listing candidates for At-Large Governing Board Members and the respective offices who have been nominated according to procedures defined in Article XIII, Section 11. The ballot shall give such information about each candidate as is necessary to identify him/her clearly. The ballot shall have a provision for write-in for each office. The Executive Director shall mail a ballot to each voting member of the Society or, in the case of electronic balloting, shall mail a paper ballot to any member that requests one. The Executive Director shall include an envelope for return of the ballot and a second envelope marked "Ballot" to be opened by the Tellers after verification by the Executive Director. The ballot shall specify the date of closure of the elections.

SECTION 3. At the termination of the election the Executive Director shall open the letters and give the ballots to the Tellers for counting. The Tellers shall give the President a signed statement of the count. The ballots shall be held at the Society Office until the end of the current fiscal year.

SECTION 4. The letter balloting for Amendments to the Constitution shall proceed in the same manner as under Sections 1 and 2 of this Article, except that the ballot shall show a printed statement of the proposed amendment instead of the names of candidates and may occur at any time during the year.

SECTION 5. If deemed viable, electronic balloting may take place in lieu of or in addition to mail balloting.

ARTICLE XII - LOCAL REGIONAL SECTIONS

SECTION 1. Persons elected as ~~Local~~ Regional Section officers must be members in good standing of the Society for Applied Spectroscopy.

SECTION 2. The Secretary in each ~~Local~~ Regional Section shall inform the Executive Director of the results of the annual election of officers in his/her Section and shall register the names of delegates and alternate delegates to the Governing Board.

SECTION 3. ~~Local~~ Regional Sections shall be encouraged to promote such scientific meetings as may conform to the objectives of the Society as stated in Article II of the Constitution.

SECTION 4. In order to receive a ~~local~~ regional section dues distribution and in order to maintain the status of an active chapter, ~~Local~~ Regional Sections are required to annually file a completed ~~Local~~ Regional Section Questionnaire provided by the National Office. Questionnaires must include a list of current officers (a minimum of two officers must be named) of the Section and must be filed by October 30th of each year.

SECTION 5. NEW LOCAL REGIONAL SECTIONS. An organized group interested in becoming a ~~Local~~ Regional Section of the Society for Applied Spectroscopy may petition the Governing Board of the Society for ~~Local~~ Regional Section status.

Section 5.1. Within the U.S., Canada and Mexico, the petition should include:

- (a) A proposed name for the Regional Section.
- (b) A list of officers and expiration date of each officer's term.
- (c) A copy of the local Constitution and Bylaws.
- (d) A list of all the current members with indication of Society for Applied Spectroscopy membership.
- (e) The name of the city where meetings are held and meetings planned.

(f) Projected membership.

(g) A request for up to five hundred (500) U.S. dollars for start-up funds. This petition shall be considered by the Governing Board in accordance with Article V of the Constitution.

Section 5.2. Outside of the U.S., Canada and Mexico, the petition should include:

- (a) A proposed name for the Regional Section.
- (b) A list of officers and expiration date of each officer's term.
- (c) An intent to draft a set of regionally appropriate Constitution and Bylaws within two (2) years to meet regional/cultural circumstances.
- (d) A list of all the current members with indication of Society for Applied Spectroscopy membership.
- (e) Projected membership over a five (5) year period.
- (f) An intent to submit an appropriate expense claim for up to five hundred (500) U.S. dollars incurred as a consequence of setting up the new Regional Section or holding an inaugural meeting.

This petition shall be considered by the Governing Board in accordance with Article V of the Constitution.

SECTION 6. INACTIVE STATUS. If neither the ~~Local~~ Regional Section chair nor secretary responds to two successive yearly requests for completed ~~Local~~ Regional Section Questionnaires listing new ~~Local~~ Regional Section Officers and activities of the section, then the SAS President, or his/her surrogate, shall attempt to make contact with the Section. If contact cannot be made or after contact is made, it is the SAS representative's opinion that the Section is no longer functioning and will not function within the next year, then the Executive Committee shall be so notified. The Executive Committee may, if they deem it advisable, vote to place the Section on inactive status. This action must be approved by a three-fourths (3/4) majority at the next Governing Board Meeting.

(a) FUNDS. An inactive Section's funds or assets, after discharging of all just debts, shall be held by the Society Treasurer for five (5) years if the section is a Chapter. At the end of the five (5) year period the assets are to be disposed of as outlined by the inactive Section's Constitution and Bylaws, or in the event that no disposition of funds is specified, or the inactive Section's Constitution and Bylaws are not in the possession of the Society, the assets will revert to the general fund of the Society. If the section is an Affiliate, the funds or assets are disbursed according to the rules of that Affiliate. No money from an affiliate is returned to the Society unless directed to do so by the Affiliate.

(b) REMOVAL FROM INACTIVE STATUS. A petition of ten (10) or more SAS members, upon approval by the ~~Local~~ Regional Section Affairs Committee, needs only a simple majority vote of the Governing Board to remove the Section from inactive status. If this takes place within five (5) years after being voted into inactive status, all of the Section's assets are to be returned. If a longer period of time has transpired, the Society Treasurer, on approval of the Governing Board, may grant the ~~Local~~ Regional Section ten (10) dollars per petitioning SAS member or five hundred (500) dollars, whichever is less, to provide immediate operating funds.

(c) MEMBER STATUS. If a Section becomes inactive, the membership will be given the choice of transferring to the active ~~Local~~ Regional Section or Technical Section of the member's choice.

SECTION 7. SAS ~~local~~-regional sections must fall into one of two categories:

LOCAL Regional Section Affiliate: The ~~local~~ Regional Section is a separate entity from SAS. **Within the U.S.** it has its own 501(c)(3) letter of exemption from the IRS and its own federal identification number. It accounts for and reports its own finances to the IRS and relevant state agencies as necessary. It cannot use SAS' non-profit mailing permit from the post office. A disbursement of dues from SAS to the ~~local~~ Regional Section is a donation from SAS to the ~~local~~ Regional Section. **Outside of the U.S., the Regional Section must satisfy its national tax laws and requirements.**

Local Regional Section Chapter: The ~~local~~ Regional Section is not a separate entity but completely part of SAS. All of its activities and finances are ultimately the responsibility of SAS. The ~~local~~ Regional Section's assets, liabilities, income, and expenses belong to SAS and must be reported by SAS to the IRS and the state of Maryland. The Governing

Board or Bylaws of SAS can designate portions of SAS income for use by the ~~Local~~ Regional Section, but that designation can be reversed or changed at any time. The ~~Local~~ Regional Section does not have any assets that are legally separate from SAS. The annual disbursement of dues "from" SAS "to" the ~~Local~~ Regional section is simply just an internal transfer of funds from one SAS account to another. The ~~Local~~ Regional Section can use the SAS non-profit mailing permit from the post office. **IRS statutes prevent a Regional Section outside of the U.S.A. from becoming a Chapter; they must be an Affiliate.**

ARTICLE XIII - TECHNICAL SECTIONS

SECTION 1. Persons elected as Technical Section officers must be members in good standing of the Society for Applied Spectroscopy. Regular Members of a technical section do not need to be members of the Society for Applied Spectroscopy, but will only be considered members of the section upon payment of the non-member technical section dues as outlined in Article VII, Section 1 of the Society for Applied Spectroscopy bylaws.

SECTION 2. Technical Sections shall be encouraged to promote such scientific meetings as may conform to the objectives of the Society as stated in Article II of the Constitution.

SECTION 3. NEW TECHNICAL SECTIONS. An organized group interested in becoming a Technical Section of the Society for Applied Spectroscopy may petition the Governing Board of the Society for Technical Section status. The petition should include:

- (a) **Proposed name of the Technical Section.**
- (b) A list of officers and expiration date of each officer's term.
- (c) A list of all the current members with indication of Society for Applied Spectroscopy membership.
- (d) A copy of the proposed section constitution and bylaws.
- (e) Projected membership.
- (f) A request for up to five hundred (500) U.S. dollars for start-up funds. This petition shall be considered by the Governing Board in accordance with Article V of the Constitution.

SECTION 4. INACTIVE STATUS. If neither the Technical Section chair nor secretary responds to two successive yearly requests for completed Technical Section Questionnaires listing new Technical Section Officers and activities of the section, then the SAS President, or his/her surrogate, shall attempt to make contact with the Section. If contact cannot be made or after contact is made, it is the SAS representative's opinion that the Section is no longer functioning and will not function within the next year, then the Executive Committee shall be so notified. The Executive Committee may, if they deem it advisable, vote to place the Section on inactive status. This action must be approved by a three-fourths (3/4) majority at the next Governing Board Meeting.

(a) **FUNDS.** An inactive Section's funds or assets, after discharging of all just debts, shall be held by the Society Treasurer for five (5) years. At the end of the five (5) year period the assets are to be returned to the Society for Applied Spectroscopy general fund.

(b) **REMOVAL FROM INACTIVE STATUS.** A petition of ten (10) or more SAS members, upon approval by the Local and Technical Section Affairs Committee, needs only a simple majority vote of the Governing Board to remove the Section from inactive status. If this takes place within five (5) years after being voted into inactive status, all of the Section's assets are to be returned. If a longer period of time has transpired, the Society Treasurer, on approval of the Governing Board, may grant the Technical Section ten (10) dollars per petitioning SAS member or five hundred (500) dollars, whichever is less, to provide immediate operating funds.

(c) **MEMBER STATUS.** If a Section becomes inactive, the membership will be given the choice of transferring to the active Local Section or Technical Section of the member's choice.

SECTION 5. SAS technical sections must fall into one of two categories:

Technical Section Affiliate: The technical section is a separate entity from SAS. It has its own 501(c)(3) letter of exemption from the IRS and its own federal identification number. It accounts for and reports its own finances to the IRS and relevant state agencies as necessary. It cannot use SAS' non-profit mailing permit from the post office. A disbursement of dues from SAS to the technical section is a donation from SAS to the technical section.

Technical Section Chapter: The technical section is not a separate entity but completely part of SAS. All of its activities and finances are ultimately the responsibility of SAS. The technical section's assets, liabilities, income, and expenses belong to SAS and must be reported by SAS to the IRS and the state of Maryland. The Governing Board or Bylaws of SAS can designate portions of SAS income for use by the technical section, but that designation can be reversed or changed at any time. The technical section does not have any assets that are legally separate from SAS. The annual disbursement of dues "from" SAS "to" the technical section is simply an internal transfer of funds from one SAS account to another. The technical section can use the SAS non-profit mailing permit from the post office.

ARTICLE XIV - COMMITTEES

SECTION 1. STANDING COMMITTEES. The standing committees of the Society are: Awards, Constitution and Bylaws, ~~Local~~ Regional and Technical Section Affairs, Long Range Planning, Membership, Nomination, Publications, Publicity, Tellers, Tour Speakers, *Applied Spectroscopy* William F. Meggers Award, Lester W. Strock Award, and Lippincott Award. Details of the Meggers Award Committee, the Lester Strock Committee, and the Lippincott Award Committee are in Article XVI, Sections 3, 4, and 8 respectively, of the Bylaws.

SECTION 2. STRUCTURE OF STANDING COMMITTEES. Each standing committee shall have a chair, a past-chair, and a chair-elect, unless otherwise specified in the Bylaws. All appointments shall begin March 1, except as stated in the Bylaws. Except where otherwise stated in the Bylaws, the chair-elect shall be selected by the President-Elect and all other committee members shall be selected by the President. In committees where there is a chair-elect, he/she shall automatically succeed the chair at the end of his/her term. If a vacancy occurs in the office of chair or chair-elect, the President will appoint a successor. At the discretion of the President, and with approval of the Executive Committee, any of the standing committees may be increased in number of members. Committee appointments may be terminated at any time by majority vote of the Executive Committee on recommendation of the President.

SECTION 3. AD-HOC COMMITTEES. All ad-hoc committees and their chairs shall be appointed by the President. Appointments to ad-hoc committees or boards external to the Society may be made for terms of more than one year with the concurrence of the Executive Committee.

SECTION 4. FACSS DELEGATES. In addition to the standing committees of the Society, the Society sends three (3) delegates to the Federation of Analytical Chemistry and Spectroscopy Societies (FACSS). The President, Past President and President-Elect, who serve on the Executive Committee, will automatically serve as delegates. The Past President shall submit a written report to the Executive Director for distribution forty (40) days prior to each regularly scheduled Governing Board meeting. This report summarizes the previous FACSS Governing Board meeting.

SECTION 5. COMMITTEE REPORTS. Each committee chair shall submit a written report of committee activities and recommendations to the Executive Director for distribution prior to each regularly scheduled Executive Committee or Governing Board meeting, except as noted below.

SECTION 6. AWARDS COMMITTEE. This committee shall consist of a total of three (3) members. The chair-elect is appointed for a two (2) year term (as chair-elect and chair). There is no past-chair. The other member of this committee serves for one year. This committee shall:

- (a) evaluate persons for Honorary Membership who have made exceptional contributions to spectroscopy and recommend them first to the Executive Committee and then to the Governing Board in accordance with Article IV, Section 2 of the Constitution.
- (b) evaluate persons for the Distinguished Service Award who have made exceptional contributions to the Society for Applied Spectroscopy and recommend them first to the Executive Committee and then to the Governing Board in accordance with Article XVI, Section 5 of the Bylaws.
- (c) administer the Graduate and Undergraduate Student Award, in accordance with Article XVI, Section 6 of the Bylaws and select the awardee from candidates recommended by the Local Sections, Technical Sections, or members at large of the Society.

(d) administer the Undergraduate Award in Applied Spectroscopy in accordance with Article XVI, Section 7 of the Bylaws. The undergraduate awardees are selected by the Local Sections.

Recommendations for these awards shall be included in the report from the Awards Committee for presentation to the Executive Committee at the spring meeting and followed by a vote by the Governing Board.

SECTION 7. CONSTITUTION AND BYLAWS COMMITTEE. This committee shall consist of a total of three (3) members. The Past President, or his/her designee, shall serve as the chair of the committee for his/her term as Past President. There shall be no chair-elect. The President-Elect is also a member of this committee. The other member of this committee serves for one year and is appointed by the President. This committee shall:

(a) consider and report, at least annually, on all matters relating to the Constitution and Bylaws of the Society.

(b) approve the Constitution and Bylaws of Local Sections after review to insure that they are consistent and in harmony with the Society Constitution and Bylaws.

(c) recommend first to the Executive Committee and then to the Governing Board any amendments to the Constitution or the Bylaws of the Society that seem advisable.

SECTION 8. LOCAL REGIONAL AND TECHNICAL SECTION AFFAIRS COMMITTEE. This committee shall consist of a total of five (5) members. The chair is the Local Regional and Technical Section Affairs Coordinator as appointed by the Executive Committee for a three-term. Two other members of the committee are appointed for a two (2) year term. This committee shall:

(a) study and make recommendations concerning problems affecting Local Regional Section activities.

(b) receive and review petitions for new Local Regional and Technical Sections and shall submit its findings and recommendations first to the Executive Committee and then to the Governing Board for action.

(c) select the Local Regional Section that has contributed the most toward accomplishing the objectives of the Society during the preceding year of the Society in accordance with Article XV, Section 2 of the Bylaws. The winning section shall receive the Poehlman Award.

(d) Will coordinate the nomination and election of the five (5) Local Regional Section Members to the Governing Board.

SECTION 9. LONG RANGE PLANNING COMMITTEE. This committee shall consist of a total of five (5) members to include the five most recent past president's of the Society. The chair shall be the immediate past president. This committee shall meet to strategize for the long term health and well being of the Society.

SECTION 10. FELLOWS COMMITTEE. This committee shall consist of three (3) members comprised of existing Fellows. The chair-elect is appointed for a 2-year term as chair-elect and chair. There is no past chair. The other member of the committee serves for one-year. This committee shall evaluate persons for the award of Fellow in accordance with the rules outlined in Article XVI Section 9.

SECTION 11. MEMBERSHIP COMMITTEE. This committee shall consist of a total of three (3) members. The chair-elect is appointed for a two (2) year term (as chair-elect and chair). There is no past chair. Each year one other member is appointed for a two (2) year term. This committee shall:

(a) promote the enlistment of new Regular Members, Sponsoring Members, and Student Members.

(b) coordinate the activities of the Local Regional Section Membership Committees.

SECTION 12. NOMINATION COMMITTEE. The term of office of the Nomination Committee begins on March 1. This committee shall consist of six (6) members according to the following qualifications:

(a) The chair of the committee shall be the Second Past President of the Society.

(b) The President and President-Elect shall each select two members to this committee to each serve one-year terms.

(c). The Nomination Committee shall submit the names of all nominated At-Large Governing Board members and at least two (2) nominees for each office to be filled to the Secretary not later than December 1 of each

year. Additional nominations for any elective office of the Society may be made by a petition signed by at least forty (40) Regular Members and received by the Secretary not later than December 31. Nominees by petition shall meet the other qualifications of the nominees as established in the Bylaws. The only report from the Nomination Committee is to the Executive Committee at the spring meeting.

SECTION 13. PUBLICATIONS COMMITTEE. This committee shall consist of a total of five (5) members. The chair-elect is appointed for six (6) year term (as chair-elect for two terms, chair for two terms, and past-chair for two terms). Each year one other member is appointed for a two (2) year term. This committee shall:

(a) serve in an advisory capacity to the Editor-in-Chief of the Journal, the Newsletter Editor, and the Executive Director regarding *Applied Spectroscopy*, the Newsletter, and other publications undertaken by the Society.

(b) review applications for the position of Editor-in-Chief of the Journal and Newsletter Editor, when these positions need to be filled, and forward recommendations first to the Executive Committee and then to the Governing Board for approval.

SECTION 14. PUBLICITY COMMITTEE. This committee shall consist of a total of five (5) members. The chair-elect is appointed for a three (3) year term (as chair-elect, chair, and past-chair). Each year one other member is appointed for a two (2) year term. This committee shall assist the Executive Director in making known the activities and objectives of the Society through the appropriate channels and assisting Local and Technical Sections in these matters as requested.

SECTION 15. TELLERS COMMITTEE. This committee shall consist of a total of three (3) members. The chair and other two (2) members are appointed for a one (1) year term. There shall be no chair-elect or past-chair. The members should live in close proximity to facilitate counting. This committee shall:

(a) tally the votes cast in the election of Officers, At-Large Governing Board members, and on any proposed amendment to the Constitution, or any resolution voted upon by the eligible members.

(b) report the results to the President of the Society.

SECTION 16. TOUR SPEAKERS COMMITTEE. This committee shall consist of a total of three (3) members. Each member is appointed for a three (3) year term culminating in his/her year as coordinator. This committee shall:

(a) select speakers for the Tour Speakers Program.

(b) submit its selections to the Executive Director by September 1 for the following year's spring Tour Program and may advise and assist him/her in coordinating the tour.

(c) as appropriate, assist other individuals (or committees set up) to run an annual Tour Speaker Program in national or continental regions outside of North America.

ARTICLE XV - GENERAL PROVISIONS

SECTION 1. ANNUAL AUDIT. The financial accounts and records of the Society shall be subjected to an annual audit by a Certified Public Accountant approved by the Executive Committee.

SECTION 2. BONDING. The fiduciary officers and employees of the Society and/or other ventures involving the collection or distribution of money shall be bonded to the extent of not less than twenty (20) percent of the estimated total annual amount of their accounts. The cost of said bonding is paid by the Society.

SECTION 3. PLACEMENT BUREAU. The Governing Board shall be empowered to establish a Placement Bureau for the purpose of promoting the professional standing of the members and aiding employers in acquiring the services of spectroscopists.

~~**SECTION 4. AFFILIATIONS.** The Governing Board, after prior approval of the Executive Committee, shall be empowered to establish affiliation with other technical and special interest groups for the purposes outlined in Article II of the Constitution.~~

~~(a) Members of groups affiliated with the Society for Applied Spectroscopy are not required to be members of the Society for Applied Spectroscopy.~~

~~(b) Agreements of affiliation shall be approved by the Executive Committee and ratified by a two-thirds (2/3) majority of votes cast by the Governing Board.~~

~~(c) Groups brought into affiliation with the Society for Applied Spectroscopy shall be permitted one (1) voting delegate and one (1) alternate at all Governing Board meetings. The delegate and alternate shall be Regular Members of the Society for Applied Spectroscopy.~~

~~(d) An affiliate group shall be placed on inactive status~~

~~(1) by mutual agreement between the Society for Applied Spectroscopy and the affiliate,~~

~~(2) when no formal report has been presented to the Society for Applied Spectroscopy Governing Board for two (2) successive years, or~~

~~(3) when the affiliate group fails to respond to three (3) successive requests for delegates to the Governing Board meeting. At this time the Executive Committee may recommend a status change to the Governing Board. A vote to place an affiliate group on inactive status shall require a two-thirds (2/3) majority of the votes cast by the Governing Board.~~

SECTION 54. ASSOCIATIONS. The Society may form associations with other appropriate international or national organizations or international conferences. Delegates, liaison persons, or other representatives may be named, as appropriate, by the President for specified terms for the purpose of providing input from the Society. The representatives may be instructed by the Governing Board or the Executive Committee regarding specific issues.

ARTICLE XVI - AWARDS

SECTION 1. The Society may administer awards recognizing accomplishments in the field of spectroscopy or related to promoting the objectives of the Society. These awards may be sponsored by the Society or other corporations. The preparation of the certificates and program arrangements for presentation of the awards shall be the responsibility of the Executive Director.

SECTION 2. WILLIAM J. POEHLMAN AWARD. This award is granted to the Local Regional Section of the Society which has contributed the most towards accomplishing the goals and ideals of the Society during the preceding year. It consists of a certificate and an honorarium of \$200.00. This award is sponsored by the Society. The recipient shall be selected by the Local Regional Section Affairs Committee as described in Article XIV, Section 8 of the Bylaws.

SECTION 3. APPLIED SPECTROSCOPY WILLIAM F. MEGGERS AWARD. The selection committee consists of four (4) members total, the chair, a chair-elect, the Editor-in-Chief, and one (1) other member. The chair-elect is appointed for a two (2) year term (as chair-elect and as chair). Each year one other member is appointed for a one (1) year term. There is no past-chair.

The chair of the committee shall notify in writing the Society for Applied Spectroscopy President, Secretary, and Executive Director of the name(s) of the committee's selection by February 15 of the year following the year in which the paper appeared in *Applied Spectroscopy*.

This award is given to the author(s) of the outstanding paper appearing in *Applied Spectroscopy*. It is awarded at the Society for Applied Spectroscopy award ceremony held at the fall meeting following the calendar year of publication and shall consist of a scroll and an honorarium of \$500.00. The honorarium shall be shared equally in the case where the paper has more than one author. Financial assistance may be provided by the Society for Applied Spectroscopy. Arrangements must be approved by the Executive Director.

SECTION 4. LESTER W. STROCK AWARD. The selection committee shall consist of three (3) members total, a chair, a chair-elect, and the chair-elect of the New England Section or his/her appointee. The chair-elect is appointed for a two (2) year term (as chair-elect and as chair). There is no past-chair. The committee chair shall notify the Executive Director of the committee's selection by February 15. The award shall be presented at the Society for Applied Spectroscopy award ceremony held at the fall meeting by the New England Section committee member or his/her representative.

This award has been established by the New England Section and is given annually to an author or authors of an outstanding paper or series of papers which are collectively outstanding. The award shall be a medal. All administration of the award shall be the responsibility of the New England Section. If the selected paper(s) has more than one author, each principal author shall be awarded a medal. A principal author shall be defined as

one who has made a major contribution toward the publication of the paper. If difficulty arises in the determination of principal author(s), the selection committee shall decide which authors are to be awarded medals and their decision will be final. The paper(s) to be considered shall have appeared during the five (5) years preceding the year of the award, and shall have been on analytical spectroscopy. The selection committee shall give particular attention to the scientific interests of Lester W. Strock in the geological and life sciences, as exemplified by his publications.

Nomination for the award may be made by any member of the Society.

SECTION 5. DISTINGUISHED SERVICE AWARD. This award is established to recognize individual members for their long-time service to the Society. The Award consists of an engraved plaque and a lifetime membership in the Society. This membership shall include all the privileges and rights of a regular member. The award shall be presented at the Society for Applied Spectroscopy award ceremony held at the fall meeting. Nomination for the Distinguished Service Award may be made by Local Sections or the Executive Committee and forwarded to the Awards Committee or by the Awards Committee. The recipient shall be selected by the Awards Committee as described in Article XIV, Section 6 of the Bylaws.

SECTION 6. SAS GRADUATE AND UNDERGRADUATE STUDENT AWARD. These awards are given to up to 2 graduate and up to 2 undergraduate students in recognition of outstanding research in the area of spectroscopy. Any full-time student doing research in the field of spectroscopy shall be eligible for the award. The recipient shall be selected by the Awards Committee as described in Article XIV, Section 6 of the Bylaws. The award shall consist of a plaque or scroll and an expense-paid trip to FACSS to accept the award. The Executive Director shall make all arrangements regarding travel, hotel, and registration expenses of the awardee. The Executive Director shall also inform the awardee of any limitations in the amount of money which may be spent for meals and miscellaneous expenses.

SECTION 7. UNDERGRADUATE AWARD IN APPLIED SPECTROSCOPY. This award is granted to a junior or senior undergraduate student majoring in science. Each Local Regional Section may make one such award each year. Students may apply for, or be nominated for, this award through the Local Regional Section chair. Selection criteria and administration of the award is governed by the Local Regional Section Affairs Committee. The Local Regional Section shall select the awardee and make the final award in accordance with the criteria established. The Society will provide each awardee with a one-year subscription to the Journal and a certificate.

SECTION 8. LIPPINCOTT AWARD. This award is given to honor the memory of Ellis R. Lippincott. The medal is sponsored jointly by the Society for Applied Spectroscopy, the Coblenz Society, and the Optical Society of America. The recipient of the award shall have made significant contributions to vibrational spectroscopy. These contributions may be theoretical, experimental, or both, as well as basic or applied. Each Society selects two (2) members to serve on the Lippincott Committee. The Society for Applied Spectroscopy members each serve a two (2) year term. The location and presentation of the award and the chairing of the committee rotates among the sponsoring organizations. When the Society for Applied Spectroscopy is the sponsoring organization, the award is presented at FACSS. Additional details about the Lippincott Award are found in the Operating Agreement among the three sponsoring societies, a copy of which is at the Society Office.

SECTION 9. FELLOWS This award is established to recognize individual members for their outstanding service to the field of spectroscopy. The award consists of a plaque and recognition at the SAS annual meeting. Up to 12 Fellows per year may be selected. Nomination for the award of Fellow must be made by current SAS Fellows, the SAS Executive Committee, or the Fellows Committee. The committee shall review all nominations and shall forward the award slate to the SAS Executive Committee for final approval. Fellows must continue to be members in good standing of the Society in order to maintain Fellow status. All Honorary Members of the Society shall be granted Fellowship automatically.

ARTICLE XVII - EMPLOYEES OF THE SOCIETY

SECTION 1. Responsibility for the hiring or dismissal of the Executive Director rests with the Executive Committee.

SECTION 2. When it becomes necessary to fill the position of Executive Director, the President shall appoint an ad-hoc search committee. This search committee shall review applications for the position and forward its recommendations to the Executive Committee and finally to the Governing Board for approval.

SECTION 3. The ultimate authority for the resolution of any work-related difficulty of the Executive Director rests with the Society President.

SECTION 4. Responsibility for the hiring or dismissal of other Society employees rests with the Executive Director with the prior approval of the Executive Committee.

ARTICLE XVIII - AMENDMENTS

Amendments to the Bylaws shall be studied by the Constitution and Bylaws Committee, except in cases pertaining to dues and their allocation where the Executive Committee shall study and recommend changes.

Amendments to the Bylaws shall be placed on the agenda of a Governing Board Meeting or an Executive Committee Meeting, and shall be sent to the delegates at least thirty (30) days before the Governing Board or Executive Committee Meeting at which the amendments shall be considered. Amendments shall be adopted by a two-thirds (2/3) majority of the votes cast by the Governing Board unless there is no Governing Board meeting scheduled for at least 6 months in which case the Executive Committee may approve the amendments by majority vote.

LOCAL AND TECHNICAL SECTION AFFAIRS COMMITTEE REPORT DAVID HEAPS, CHAIR FALL, 2008

The past six months since PITTCON interest has been increasing about the student chapters. The University of Idaho has sent in the names of students and a letter of intent and a constitution. Arizona State University has sent in a letter of intent and a constitution. The University of Delaware and University of Maryland Baltimore County have students that are interested and are starting to write letters of intent and constitutions, and they are also finding students to join the new chapters. Brigham Young University has a faculty member interested in starting a student chapter there in Provo. As discussed in the Executive Committee, there are four things needed to start a student chapter, (1) eight or more interested students, (2) a letter of intent, (3) a constitution, and (4) a faculty advisor.

The Local and Technical Sections Affairs committee has some new members, Caroline Rodger who works at AstraZeneca and Paige Eagan at Lake Michigan College. I have asked Lacey Averett (GSK) if she would join the Local and Technical Section. I feel that an addition of a student into the committee would be significant for input into the new student chapters.

The Local and Technical Section Affairs Committee may have a new name. The change will be discussed with the Constitution and Bylaws Committee. If the changes are adopted, the new name will be "The Regional and Technical Section Affairs Committee."

SAS PUBLICATION COMMITTEE REPORT LARRY NAFIE, PUBLICATIONS COMMITTEE CHAIR MARCH 16, 2008

The SAS Publication Committee met Monday, March 4, 2008, in the Trafalgar Room of the New Orleans Riverside Hilton Hotel at 7:30 AM. A hearty breakfast with coffee was provide to reward

those dedicated committee members who braved the early morning start of the meeting. Committee members present were Curt Marcott, Past Chair, Larry Nafie, Present Chair, Joel Harris, Applied Spectroscopy Editor-in-Chief, Paul Farnsworth, Applied Spectroscopy Editor (& self-proclaimed-not-Chief), John Chalmers, President of SAS, David Butcher, Newsletter Editor. Also present were Jim de Haseth, Past-President of SAS and Chair of the ad hoc committee to develop a new SAS website, Bonnie Saylor, SAS Executive Director, Bill Cunningham, Advertising Sales Manager for Allen Press, and Ed MacMillan from Allen Press. Katherine Bakeev, Member 2007-2008, Rohit Bargava, Member 2008-2009, and Steve Bialkowski SAS Web-Editor were not in attendance due to prior commitments.

Journal. Journal Editors Joel Harris and Paul Farnsworth reported that Applied Spectroscopy continues to run smoothly. The rejection rate of the journal has reached 39%, a rate comparable to top quality journals. Recently more emphasis is being placed on soliciting and publishing Focal Point articles as these are of interest to the readership and generate high citation rates and improve overall ranking of the journal. Joel Harris indicated that he will be inviting selected winners of awards at Pittcon Award to write Focal Point articles based on their award addresses. Production costs are being kept low and the time from acceptance to publication for accelerated papers is as fast as 5 weeks, thanks in large part to the efforts of Rebecca Airmet.

The cooperative publication arrangements with the Optical Society of America became effect in January 2007. In the calendar year 2007 there were 68, 248 full-text PDF downloads through the OSA Infobase, versus 51,427 through Ingenta, more than doubling the electronic distribution of our content. The quality and impact of the journal remains strong and the journal continues to lead all journals in the Instruments and Instrumentation category with its citation half-life of 7.9 years. The total papers received for review for 2007 was 352, a six-year high whereas, the number of papers actually published was 197, a six year low reflecting increased selectivity and reviewing rigor of the journal.

The journal is now being impacted by the requirement that all publications acknowledging NIH support be deposited in PubMed Central within one year of publication date. Request for submission to PubMed by authors of papers published in Applied Spectroscopy are being delayed until close to the one-year anniversary date of publication to minimize the impact of this requirement on public access to that part of the current content of Applied Spectroscopy.

Newsletter. Four issues of the Newsletter were published since the last report to this committee. They were September 2007 focusing on FACSS, October 2007 with results of the SAS Elections and the upcoming 50th Anniversary Celebration of the Society, November/December 2007 regarding SAS activities and reports from FACSS 2007, and finally January 2008 reporting on a "spectroscopy power couple", an SAS married couple each doing outstanding research. Members are notified by email with an easy link to the newsletter on the SAS website for quick and immediate access. A recent survey conducted by Bill Cunningham shows the majority of members use the current as well as past issue of the Newsletter. The possibility of advertising in the Newsletter was discussed.

Upgrading the Society Website. An ad hoc website subcommittee of the SAS Executive Committee consisting of Becky Dittmar, Carrie Lendon, Gloria Story, Bonnie Saylor, Dave Butcher Stephen Bialkowski and Jim de Haseth has been

investing various approaches to website upgrade. Jim de Haseth reported on recent progress of the committee. The desired upgrade will involve a new homepage and supporting pages designs set up for easy content updating and dynamic access to all member databases, including member searches and member updating of personal content information. A link to European activities related to SAS was suggested to add another dimension of value to the website. Advertising on the more dynamic website was discussed and it was suggested by Bill Cunningham and it was noted that this could become a new source of advertising income for the Society.

Bids have been received from two contract management firms. The preferred format for the new website is called Ruby on Rails, where Rails is a general website software program and Ruby is a particular embodiment of Rails that could be set up for use by SAS a contract management company that would implement the new website and instruct the Society on its use and upkeep. The committee encouraged Jim de Haseth and the website committee to move forward to secure a contract for a new website and carry out the installation of the new website for the Society by late spring or early summer.

**SAS PUBLICITY COMMITTEE REPORT
7 AUGUST 2008
PREPARED BY CHAD LEVERETTE AND DAVID
BUTCHER**

The Publicity Committee met in New Orleans on March 4, 2008. We have two suggestions for discussion by the Executive Committee:

- (1) Faculty Research Directors should be provided with incentives to encourage their students to either form student chapters or to just simply join SAS. SAS could provide a discount on dues for these faculty advisors or a discount to FACSS. This is contingent upon SAS receiving either an acceptable activity report from a student chapter, or upon receipt of a new member application from someone who is a member of the research advisor's group. Other incentives should also be discussed. These individuals are in an excellent position to encourage membership to SAS for these future spectroscopists.
- (2) The committee is very supportive of the development of SAS-member only events at FACSS. It was suggested that these events could be used on a trial basis at other events, such as regional ACS meetings. SAS local/technical sections or the national office could ask for space at a regional ACS meeting for events such as short courses or for sponsored symposia. A booth could also be set up at these meetings to encourage membership and to promote the society. It was suggested that practitioner-based events would be particularly valuable to industrial spectroscopists/technicians.

**2008 SAS TOUR SPEAKER PROGRAM
GLENN BOUTILIER
FALL, 2008**

Speaker	Tour dates	Location 1	Location 2
Alan Marshall	4/16/08 4/17/08	Snake River – Jill Scott	Intermountain Matthew Kriech
Curt Marcott	4/21/08 4/22/08	Minnesota Fred LaPlant	New England Chris Brown
David Haaland	4/23/08 4/24/08	Cleveland Bob Williams	Piedmont Dave Butcher
Aaron Massari	5/21/08 5/22/08	Baltimore-Wash John Canham	Ohio Valley Michael Brown
David C. Brock	4/16/08 4/17/08	Chicago Slav Stepanovich	Detroit Patsy Coleman
Steven Brown	5/6/08	Niagara Joe Gardella	-----
Rohit Bhargava	5/13/08	Northern California Steve Barnett	-----
Paul Farnsworth	4/17/08	St. Louis Eileen McClendon	-----

Comments from the Road:

My one-stop tour went very smoothly, except for the earthquake that hit St. Louis while I was there. It was kind of fun. Just enough to wake me up, but not strong enough to be dropping heavy items on my head.

Paul Farnsworth

From a speaker's perspective, I thought it was very well orchestrated. If there were any snafus, my hosts covered them up pretty well. I had a lot of fun on the tour, and I hope my talks were well received. Thanks for inviting me to tour!

Aaron Massari

This year's visits to the Salt Lake City and Idaho SAS sections were extremely well organized and hosted, and I had several educational and stimulating discussions with the members. One discussion may lead to future collaborative research. I think that it's a very successful program and should be continued.

Alan Marshall

We had a particularly nice visit with Steve Brown, who was especially helpful for a student of mine. It was good for her to learn from Steve of what jobs were like in industry, etc., in the field. Steve had a good time, I think, having dinner with graduate students. His lecture was very well attended and was really well done. No surprise, but he's a great speaker.

Joseph A. Gardella, Jr.

From my point of view, the Tour Speaker Program is great and we deeply appreciate the effort that you put into the program. Our section (Piedmont) is very large and encompasses several states, so our attendance was not large (15). However, we feel it is very important to be able to provide our members with the opportunity to meet and interact with one of the world's leading spectroscopists.

David J. Butcher

Hope this note finds you well. I had a very rewarding experience giving my history talk for the Detroit and Chicago SAS sections.

David Brock

**SAS EUROPEAN TOUR REPORT
7 AUGUST 2008
DAVID BUTCHER**

David Butcher made two presentations as part of the "SAS European Tour," designed to promote SAS in Europe. His first talk

on 10 July was at Universita di Roma "La Sapienza" hosted by Tommaso Ferri, attended by approximately 20 faculty and students. He spent 14 and 15 July at the Institute for Analytical Sciences (ISAS) in Dortmund, Germany, hosted by Kay Niemax. His presentation on 15 July was attended by approximately 25 staff members and students. At both locations, David had the opportunity to meet informally with faculty, staff, and students and discuss the advantages of SAS membership. He would like to acknowledge the support of his hosts to arrange this visit, as well as President John Chalmers and Executive Director Bonnie Saylor for their assistance.

2009 TOUR SPEAKER REPORT CHRIS SNIVELY FALL, 2008

Final list of speakers – 2009 SAS Speaker Tour

Larry Carr Synchrotron IR spectroscopy
Brookhaven National Lab

Rich Dluhy SERS biosensing
University of Georgia

Franz Geiger Making "sense" of DNA
Northwestern University

Vicki Grassian Atmospheric spectroscopy
University of Iowa

Jochen Lauterbach IR spectroscopy of heterogeneous catalysts
University of Delaware

Chris Manning Novel handheld IR instrumentation
Manning Applied Technologies

Christian Pellerin IR spectroscopy of polymers
Université de Montréal

Don Pivonka Vibrational spectroscopy applied to
pharmaceuticals
AstraZeneca

Jon Schoonover Time resolved FTIR of polymers and
inorganic materials
Los Alamos National Lab

Garth Simpson Nonlinear spectroscopy
Purdue University

MEGGERS AWARD COMMITTEE REPORT PAVEL MATOUSEK FALL 2008

The following paper is the recipient of the 2008 Meggers Award:
"Infrared-Ultraviolet Sum-Frequency Generation Spectrometer with a Wide Tunability of the Ultraviolet Probe", T. Maeda and T. A. Ishibashi, Applied Spectroscopy, Vol. 61 (2007) pp. 459-464. Dr. Ishibashi is the corresponding author. The award will be presented at FACSS 2008.

STROCK AWARD REPORT PAUL B. FARNSWORTH FALL, 2008

By unanimous vote the Strock award committee has selected Annemie Bogaerts of the University of Antwerp as the recipient of the 2008 Lester W. Strock Award. We recognize Professor Bogaerts outstanding contributions in the areas of plasma and surface modeling. Her excellent work in modeling spectrochemical glow discharges and laser ablation plasmas is particularly relevant to the award.

LIPPINCOTT AWARD COMMITTEE REPORT FALL, 2008

Dr. Richard P. Van Dyne, Morrison Professor of Chemistry in the Department of Chemistry at Northwestern University, is the recipient of the 2008 Ellis R. Lippincott Award "For the discovery, development, and application of surface-enhanced Raman spectroscopy in ways that have profoundly influenced vibrational spectroscopy, surface science, electrochemistry, ultrasensitive chemical / biological sensing, and applications in plasmonics". This award was established in 1975 by OSA, the Coblenz Society and the Society for Applied Spectroscopy to honor the unique contributions of Ellis R. Lippincott to the field of vibrational spectroscopy. It is presented to an individual who has made significant contributions to vibrational spectroscopy as judged by his or her influence on other scientists. Because innovation was a hallmark of Lippincott's work, this quality must also be demonstrated by candidates for the award.

TELLER'S COMMITTEE REPORT DOUG SHRADER – CHAIR, GERALD SHKOLNIK, GREGORY WEBSTER FALL, 2008

Fred LaPlant was elected President. John McLean, Janiece Hope, Greg Klunder, Brian Smith, and Gregory Webster were elected Governing Board Delegates.

SAS FELLOWS COMMITTEE REPORT MITSUO TASUMI (CHAIR), WOLFGANG KIEFER, JAMES HOLCOMBE 2008

The committee nominated the following individuals as Fellows: Jose Broekart, Cecil Dybowski, Richard Mathies, Leopold May, Larry Nafie, Geraldine Richmond, Alfredo Sanz-Medel, and Alex Scheeline.

REPORT TO THE SAS ON FACSS PLANNING MEETINGS JOHN CHALMERS

During the PittCon meeting in New Orleans, I attended the following FACSS organisational meetings:
1. FACSS Long Range Planning (LRP) Committee, Sunday 3 March 13:00-16:00.

2. FACSS Planning/Budget Committee, Monday 3 March:
 - a. Program Committee Meetings (Reno & Louisville), 09:00-10:30,
 - b. Planning Meetings (Reno & Louisville), 10:30-12:30,
 - c. Budget Meetings (Reno & Louisville), 13:00-16:00.
 - d. Finance Committee Meeting, 16:00-16:30.
3. FACSS Governing Board (GB) Meeting, Tuesday 4 March, 12:00-16:00.

1. Some outcomes/comments from the LRP Committee meeting:

1. The FACSS GB position is now a 2-year post.
2. No worthwhile synergy had been established between the FACSS and ICAVS (International Conference on Advanced Vibrational Spectroscopy) cultures and technical programs, such that these meetings would therefore not attempt to combine or run back-to-back in 2011, the next time ICAVS is scheduled to occur within the U.S.A.
3. For various reasons, a planned independent 2D-COS (2-dimensional correlation spectroscopy) meeting would now be substituted as a symposium within the FACSS technical program.
4. FACSS is going to try to service the LIBS (laser-induced breakdown spectroscopy) community by running several sessions at the next FACSS meeting.
5. A very good offer had been received from the Reno hotel to be used for FACSS 2009 meeting, in that the same hotel fees would hold if a FACSS meeting were held there again in 2011.

2. Notes from the Planning/Budget Committee Meetings:

Reno (2008):

1. The pre-tax room rate for the Reno hotel (FACSS 2008) is 109.00 USD.
2. The Reno meeting plenary lectures on the Monday a.m. and p.m. will be given by:
 - a. Professor James Heath, Professor of Chemistry at Caltech., Director of the National Cancer Institute, NSB Cancer Center.
 - b. Professor Gary Hieftje, Professor of Chemistry, Indian University; Gary's talk will be "40 years of Atomic Spectroscopy and Analytical Chemistry".
3. The Reno meeting will comprise 72 sessions (6x 20 minute slots) including Awards symposia, run as 9 parallel sessions.
4. "New" sessions for 2008 will include NMR, Archeometry, wine analysis.
5. The Wednesday "Gala" event will be an all-inclusive (in the registration fee) 'networking' event, involving conferees, exhibitors and vendors.
6. LCD screens will be available for advertising.
7. Quotes for webcasting for the Reno meeting had proven to be very expensive, in the region of 60,000-70,000 USD. Webcasting should be considered again after Reno, subject to GB approval. The alternative of putting pdf copies of presentations and posters onto a DVD, subject to author approval, was also discussed. This cost was estimated as ca. 4000-5000 USD; DVDs could be sold to non-attendees.

Louisville (2009):

1. Hope to add near-field technique and 2D-COS sessions.
2. Plan to increase Mass Spec. component, particularly as there is a potential local large pool of delegates from Procter & Gamble (P&G).
3. Curt Marcott (ex P&G) will be the Program Chair.
4. A site visit is planned for May 2009; the venue is downtown near activities, restaurants, hotels, etc.

5. The meeting, where appropriate, could have a 'Kentucky Derby' theme.

Budget:

1. Memphis (2007) made a surplus of ca 100,000 USD, which was 40k above budget.
2. The FACSS reserve fund is now ca. 420,000 USD.
 - a. The 2-year liability (late cancellation of a FACSS meeting) is ca. 520,000 USD
 - b. The 1-year liability is ca. 300,000 USD.
3. The projected Reno income is from ca. 500 paying (mixed fee type) delegates, with an anticipated attendance, including complementary registrations of 800-850; the planned budget surplus is ca. 40,000 USD, with expenses of ca. 40,000 USD.

Finance:

As the FACSS reserve fund (see above) was now above that necessary for the "total cost of the Conference", see Article X from the Operations Manual reproduced below, the "Surplus Funds Policy" becomes actionable.

Article X, Surplus Funds Policy, of the Operations Manual for FACSS states:

SECTION - Surplus Funds Policy

- A. There shall be no distribution of surplus funds derived from a FACSS Conference unless the FACSS treasury has a balance of at least one hundred percent (100%) of the total cost of the Conference for which the surplus is being considered.
- B. If a distribution is voted pursuant to the Bylaws by the Governing Board, this surplus shall be distributed as follows:
- C. One hundred (100%), or another proportion not less than 100%, of the total cost of the most recently held Conference, determined by a 2/3 vote of the Governing Board, shall remain in the FACSS treasury for use in financing future Conferences, the governance of the organization, or other programs voted by the Board. The remaining proportion shall be distributed according to the following formula:
 - a) Fifty percent (50%), of the distributable amount shall be divided equally among member organizations of FACSS.
 - b) Fifty percent (50%) of the distributable amount shall be divided among the member organizations in the proportions in which they are represented by paid attendance at the Conference based on the average of the past five (5) years and if their attendance is greater than or equal to five percent (5%) of the total attendance.
 - c) For purposes of b) above, the proportions shall be determined from organization membership lists provided to the FACSS administrator.
 - d) For purposes of b) above, all registrant shall be included.
- D. Provided, nonetheless, that all amounts distributed to such nonprofit sponsoring organizations of FACSS pursuant to this Article shall be used for the sole purpose of furthering the advancement of analytical chemistry and spectroscopy and shall not be distributed or redistributed in such a manner so as to inure to the benefit of any private shareholder or individual within the meaning of the IRC 501C3.
- E. Provided further, that the amount allocated for distribution to a nonprofit sponsoring organization which has not obtained or has lost its tax exempt determination from the Internal Revenue Service shall be accumulated in a reserve fund for future distribution to that organization when it obtains or regains its tax exemption determination unless such determination is not

obtained or regained within three (3) years, in which case the reserve fund shall become part of the surplus of FACSS. (As a Sponsoring Society SAS should be in possession of a copy of the FACSS Operations Manual.)

As can be read from the Surplus Funds Policy, resolving the distribution is a 'minefield', and there was much discussion and debate about a way forward. It is not clear how FACSS or its Sponsoring Societies would be able to ascertain which of its attendees belonged to which Society, since some Sponsoring Society members did not tick the appropriate box while registering, and others belonged to more than one Sponsoring Society. Comments, such as "who wrote this bylaw?" and how on earth do we police from which Sponsoring Societies attendees were member of over a 5-year period?" pervaded the discussion. As mentioned below, an ad hoc group was formed to make a recommendation on the use/distribution of the 'Surplus Fund', which will most likely conclude that the surplus is reinvested in the FACSS meetings and the bylaw be rewritten!

3. Notes from the GB Meeting:

(This does not include items already covered above, unless additional facts are relevant.)

1. Raleigh was to be the likely choice for FACSS 2010.
 2. Doug Gilman is the GB Chair 2010-2011. The 2010-meeting General Chair will be Dave Butcher and the Program Chair will be André Sommer.
 3. The Memphis meeting was considered a success, with 857 attendees, which was up from the 794 in Florida; exhibitors were up from 52-66.
 4. The 'renaming' and 'rebranding' of FACSS to better reflect its purpose and style is still under consideration by the EC (Executive Committee).
 5. The GB discussed the process of disbursements triggered by the surplus funds now in the FACSS account. An ad hoc committee was formed to "review if and how or not to disperse the surplus and perhaps recommend a bylaw change. I will be a member of this ad hoc group.
 6. Site selection for 2011 includes Austin, Houston, Long Beach, Kansas City, Nashville, St. Louis, Chicago environs, and Reno.
 7. Jim Rydzak will take over from Mike Carrabba as Chair of the Site Selection Committee for 2012.
- The next FACSS GB meeting will be in the evening of Thursday 2 October in Reno.

REPORT OF THE CHF DELEGATE DAVE TRIMBLE MARCH, 2008

Most Recent Happenings

New President Tom Triton has hit the ground running. Please recall he joins the CHF after spending the Fall 2007 semester as president in residence at the Harvard University Graduate School of Education. Prior to that he served as the 12th president of Haverford College from 1997 to 2007. On average twice weekly he publishes the Periodic Table blog – <http://periodictabloid.chemheritage.org>. The new CHF podcast, Distillations, is a weely 6-10 minute show offering entertaining reports on subjects ranging from alchemy to the contents of your kitchen cabinet to the chemistry of space exploration. Please dial in through the iTunes store or at <http://distillations.chemheritage.org>.

Yuan Tseh Lee will be presented the Othmer Gold Medal. Lee, Nobel Laureate in chemistry (1986), will receive the 11th annual Gold Award at the Heritage Day ceremonies on May 15. Lee was born in 1936 and educated in Taiwan under the Japanese occupation during WWII. Following three successful decades in America, he returned to Taiwan taking a leadership role in education reform and better relationships with China.

Fall 2007 Meeting

The Heritage Council met on 10 October 2007. I will touch on the topics of most interest to SAS.

The Global Nature of Professional Membership: The Association for Textiles and Colorants – once a nearly exclusive American organization – has watched its industry get turned on its head. Overseas competition has taken an obvious toll on the American industrial base – and this has been directly reflected in the dramatic increase in foreign membership (at the expense of domestic numbers).

Instruments and Artifacts: A deliberate effort has been made to search out pioneering instruments in the areas of surface science, biotechnology, anything "nano" ... Don Graham of Coulter/Hematology has joined the A&I committee specifically because of these interests. It is also interesting to note that the 50 most significant instruments, the committee's initial goal, now number over 70!!

Gallery Update: Plans are still firm to have the new gallery open and ready in time for the Philadelphia ACS meeting – "even if we have to sleep here the week beforehand!" The first principal exhibit will be the CHF's first rotating exhibit now in place at Skidmore – "Molecules that Matter." Highlights include DDT, bucky-balls, and nylon.

The CHF Mission and Goals: The CHF has no direct competition – it just gets nibbled around the edges in an ever increasing way. There is a great need to publicize our mission as THE ARCHIVES for corporate chemical industry documents. Many, many archives have been deliberately destroyed under the direction of corporate attorneys. So – via word of mouth and more formal outreach and advertising programs – we are spreading the word.

Help STILL Needed to Record Oral Histories. An opportunity for service!! Rasheedah Cremer needs help locating persons willing to interview scientists who are or have been making instrument or chemical history. Training for interviews is being scheduled. Please contact her if interested.

REPORT TO SAS EXECUTIVE COMMITTEE ED MACMILLAN, ADVERTISING SALES, ALLEN PRESS SEPTEMBER 2008

2008 has been a good year for Applied Spectroscopy advertising sales. Many factors have contributed to this, these include:

- A great effort by Bill Cunningham at the end of 07 and the beginning of 08
- More investment in the sales department at Allen Press
- An innovative approach to marketing Applied Spectroscopy
- An additional \$21,000 from the FACSS/50th Anniversary Supplement

Although all of this helped bring in more revenue the most important factor was the emphasis placed on Applied Spectroscopy by the sales department. This journal is an

outstanding example of a journal that not only emphasizes relevant cutting edge research but one that does this in a relevant inclusive manor.

Below are the advertising revenue numbers to date. Note since November and December are not closed these may change hence the italics.

	Gross	Net
Quarter 1	\$39,923	\$34,783
Quarter 2	\$30,423	\$27,428
Quarter 3	\$52,341	\$45,164
Quarter 4	\$77,783	\$65,874
<i>Total Contracted Revenue</i>	<i>\$200,469</i>	<i>\$173,249</i>
<i>Projected Net Revenue</i>	<i>\$150,000</i>	<i>133 % YTD</i>
<i>Projected Online Revenue</i>	<i>\$8,000</i>	
<i>Actual Online Revenue</i>	<i>\$11,291</i>	<i>130 % YTD</i>

Our goal, as reported to the executive committee last March, was to aggressively market Applied Spectroscopy, bring new resources to bear and bring in \$150,000 in 2008. As you can see we not only did this but have increased the number by an additional 33% over the goal or about 90% over 2007. Considering the economy is in recession and print advertising is down across the board, this was no mean feat.

Also, again as recommended at PITTCON, we embarked on an ambitious goal to make the 50th anniversary of SAS memorable by putting together a supplement which would be supported by the community of vendors attending FACSS. Not only did we make this a success but we also netted over \$20,000 in the process. In this regard I wanted to say a special thanks to Rebecca Airmet and Kelly Callohan who singlehandedly managed to tame this beast while still managing to produce both the September and October issues. The result is we have a beautiful historical document which will be handed out to all the attendees at FACSS. Another point I would like to emphasize here is the commitment from the advertising community who, on a little nudge from the ad dept, gave us the ability to pull this off. Allen Press should also be applauded as they also gave 50% of the cost back to help make this work.

In conclusion the print and online advertising sales should be on a sound footing. Many of the companies who came into the 50th Anniversary supplement are looking to now run in 2009. We are already into the 2009 renewal season and are looking towards 2009 as another banner year. I would caution however as there are signs of possible slowdowns, not only in the general economy, but in the scientific/research economy which could lead to some erosion. With this word of caution I am predicting a good year with modest to flat growth. More will be known in the next 2 months and a fuller report of this will be forthcoming at PITTCON. Here is a list of wins for 2008:

New Companies:

RPMC Lasers
 Cambridge Lasers
 GE – Glass Expansion
 Fibre Photonics
 Ondax
 Opotek
 BioTools
 Ocean Optics
 CDI Pharma

Returning Companies:

Perkin Elmer
 RoMack
 Thermo Fisher
 Princeton Instruments
 Starna Cells
 Kaiser
 Varian
 ABB Analytic

On a personal note I am very happy to be once more managing advertising sales at Applied Spectroscopy. My hope is I can reinvigorate and help grow this great institution so we can continue to grow for the next 50 years. Having come from the Trade I am very happy to be once more in the STM market. I look forward to many more years of innovation.