



SOCIETY FOR PEDIATRIC PATHOLOGY

NEWSLETTER

Winter 2000

FROM THE EDITOR'S DESK

Edwina J. Popek, D.O.

It is with mixed feelings that I write this, my last SPP Newsletter Editor's Corner. I have been proud to be the Editor of the Newsletter for the past 4 years, and am grateful to have had your support, confidence and trust that I would do the right thing by it.

On the other hand, I am relieved that these responsibilities are now with Art Weinberg, M.D., Children's Medical Center, Dallas, TX. Good Luck, Art.

I learned that the bear is a sign of the teacher (see Virginia Baldwin's retirement notice). I didn't know that when I placed the bear on my desk 7 years ago, I was advertising myself as a teacher, I just thought it was for fun. I do not possess the two features of a Pediatric Pathologist (bow tie or facial hair—not yet anyway), so the Bear will have to stand in for me as I bid you farewell.



PRESIDENT'S MESSAGE

Joe C. Rutledge, M.D.

The darkness of winter coupled with the new millennium affords me an excuse for reflection at the end of my presidency term. It should also be a time that each of us evaluates how the SPP as an organization can help them in their practice, research, and even teaching. In Providence, the long-range planning group lead by Derek deSa did such a re-evaluation. Now it's time for me to reflect on a few additional issues.

Time is diminished for volunteerism. This thought is shared by the president's of a variety of other similarly sized, pediatric organizations. The issue is how to move our society forward to serve a membership under practice pressures in an era where time available for volunteer activities is curtailed. The approach each group has taken, including our own, is to hire professional help, in our case Dengon & Associates; but geographic separation and the myriad of Society members working on behalf of the Society often makes this a difficult task. Moreover, this necessary approach has financial impact, but is required to provide organization infrastructure. In spite of professional help, certain positions: secretary, editors, and some committee chairs perform HUGH amounts of work (THANK YOU!!) For the SPP. Volunteerism remains necessary to sustain the SPP and allow it to address new programs.

What might be some of those new programs/ One is national outreach. Through a variety of letters and telephone calls I've tried to bring the SPP to present a voice around national issues. These range from research funding to the autopsy. By taking a stand, often in cooperation with larger pathology organizations, the SPP can exert its influence, not only to establish itself as an equal among pathology organizations, but more importantly to advance the interests of its members and utilize their expertise when it comes to issues that concern childhood disease. As mentioned in an earlier Newsletter, we have opportunities with the new Children's Oncology Group, opportunities to better define how we practice in a cost-effective way, and opportunities for a variety of new collaborative research endeavors. One of the strengths

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of the ad hoc section in perinatal pathology is exactly that: collaborative research to enhance practice and convert information to useful knowledge.

Broader participation in child health care is an opportunity for pediatric pathologists. The growth of prenatal diagnosis with detection of congenital anomalies and termination of pregnancies has in many instances shifted congenital malformations from the neonate and stillborn into the fetal period and often into the epidemiologically undocumented fetus. This shift has adverse impacts on the data collected nationally and in state birth defect surveillance programs as exhibited in the most recent issue of *Teratology*. Who, I ask is better at providing that data than the pediatric pathologist? These issues are currently being evaluated not only in my own state, but also at the CDC. (<http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/mm4901a1.htm>).

Pediatric pathology by its vary nature is the broadest area of pathology and encompasses all the pathology board sub-specialities as well as those organ system specialities not yet at that level. We need the cross fertilization of our membership to ensure that molecular biology is appropriately applied, our data is useful for oncological epidemiology investigations, and our clinical laboratory testing optimized for children of all ages. The SPP serves as a clearing house to bring members with a general overview of pediatric pathology, but multiple separate areas of expertise together not only for cross-fertilization but also more importantly for consultation. This role for the SPP will grow as the complexities of our practice and research extend.

I extend my thanks to the many members of the SPP who have unselfishly worked so hard this year for our organization. It is a collective work of those members, not presidential duties, which allow good ideas to be translated into benefits for the SPP. For those have not had the opportunity to work for the SPP, perhaps year 2000 is the time to jump in. I am sure you will find the quest worthwhile.

SPRING MEETING INFORMATION

Proposed Bylaws Changes

Chair, Glenn Dickey, M.D.

There are no proposed additions or changes to the SPP Bylaws.

Slate of Candidates for Consideration at the Business Meeting

Chair Nominating Committee,
Claire Langston, M.D.

President-Elect	Ron Jaffe, M.D.
Secretary/Treasurer	Deb Perry, M.D.
Counselors	Liliane Boccon-Gibod, M.D. Larry Becker, M.D.

REPORT FROM THE PUBLICATIONS COMMITTEE

Beverly Rogers, M.D., Chair

I just finished my most recent copy of *Pediatric and Developmental Pathology* (Jan/Feb 2000), and we are off to a great start for the next thousand or so years. Every library should have this journal. I am struck by the diverse compilation of articles, reflecting the broad range of interests of pediatric pathologists. There are articles on normal and pathologic development, pediatric clinical pathology, pediatric surgical pathology, and perinatal and placental pathology are well-represented. The *Perspectives* contribution is a most important reference when evaluating pediatric liver biopsies. Members of the Publications Committee are contacting many of you to encourage you to confirm that your libraries take *Pediatric and Developmental Pathology*. The Society needs your help.

Thanks to the fund-raising efforts of Dr. Buchino, we will be printing an SPP directory this year. The Degnon's have sent out membership renewal notices that include a request for correction of addressed and other demographics. Please send this in NOW, as we need to get the directory compiled and printed by the spring meeting.

Visit the Web Site for meeting announcements, job postings, grants available, the on-line membership directory, and other points of interest to members. The Web Site address is: <http://path.upmc.edu/spp/>

PEDIATRIC PATHOLOGISTS AROUND THE WORLD, SPREAD THE WORD

The XXII Congress of the Latin American Society of Pathology was held in Lima, Peru on October 25-30, 1999. Pediatric pathology was well represented. In addition to the posters and platform presentations, two Seminars were held. One, on the topic of Perinatal pathology and the other on Pediatric Surgical Pathology. SPP members participated in both.



Ricardo Drut, Argentina; Patricia Gil del Real de Cano, Panama; Susana Galli, Argentina; Julio Goldberg, Argentina

Carmen Cox, Peru; David Mirkin, USA; Jose Pereda, Peru; Alba Greco, USA; Jorge Las Heras, Chile



Miguel Reyes-Mugica, USA; Julio Goldberg, Argentina; Joaquin Narvalz, Peru; Ricardo Drut, Argentina

Jorge Las Heras, Chile; David Mirkin, USA; Jose Pereda, Peru; Alba Greco, USA



SPP LONG-RANGE PLANNING COMMITTEE REPORT

Chairman Derek deSa, M.D.

**Interim Meeting, Providence, RI,
September 25, 1999**

Submitted by Edwina Popek

Committee Chair, Derek deSa called the meeting to order at 1330. Members of the committee were designated to prepare reports on the following 6 aims for the Society. Underlined items are those designated for follow-up by a committee or person.

1. How to convince others of pediatric pathology's unique value. Define and measure what is unique about pediatric pathology: Carole Vogler

Promote the pediatric autopsy through publication of a brochure or use some of those already in print and possibly put them onto the web site so others can just download them if there are no copy right problems. Currently available brochures are from CAP (general), AFIP (pediatric). These and others will be passed on to Beverly Rogers, Publications for action.

Expand visibility/interaction with other specialty societies. With the next membership dues statement the members will be asked to list the other societies and committees to which they belong. This will be done by Deb Perry, Secretary/Treasurer.

Recycle the SPP workshops to the ASCP/CAP and USCAP. Possibly apply to do course after the first year it is presented at the SPP, as there is a two year delay until accepted by either of these organizations. Then once the three year cycle is done for the SPP it will be presented at one of the other National meetings. Approach the ASCP/CAP, USCAP, etc to include a pediatric pathologist on other programs. Should we ask SPP members if they would be more willing to do a workshop if it would reach more than the SPP membership--i.e., putting a query into the Newsletter? Recommendation to be sent to Vijay Joshi and Derek deSa as chairs of extramural education.

Develop objective outcome measures of pediatric pathology education. Joe Rutledge will communicate with the National Board to see if they will break out those questions dealing with pediatric pathology which

will test the level of training for 3rd year medical students. We need to identify other time points that we can test knowledge base--residency, etc.

Develop/expand pediatric pathology practice standards and outcome measures (e.g., for the autopsy). Hospital and organizations have moved away from practice guide lines and outcome measures are nearly impossible to measure in anatomic pathology and only slightly easier in clinical pathology. This may be an unachievable goal and probably time will be better spent on other issues.

We may consider guidelines for what should be included in a report--similar to what has been published in the adult pathology literature. Solicit articles from members for special procedures related to specific organs, etc. Recommendation will be turned over to the Practice and Education Committees and Steve Qualman for his section on practice guidelines in PDP.

Medical examiners should be easily convinced through their work. We should recommend to the Board that every forensic fellowship must include a rotation through Pediatric Pathology. Joe Rutledge will communicate to board.

2. How can the SPP develop and foster successful leaders: Glenn Taylor

Strong leaders are required for the society and are usually made through initially attending a meeting, presenting an abstract, becoming a member, getting a committee assignment, then moving up the hierarchy.

Some members felt that New Members were not made to feel very welcome. Possibly changing the training breakfast to a New Members breakfast or having a Friday night Reception at the annual meeting for New members--who from the old membership should attend? Joe Rutledge will look into this.

Committees:

Every new president polls the membership for new committee assignments.

Unfortunately most of the time these assignments are already filled when members reply. Those letters should be forwarded on to the president elect for the following year.

Notification should be put into the Newsletter--already done, but may need reemphasis.

Every committee should have a New Member--should be up to the committee chair. Should this include residents/fellows who are junior members, but not really new regular members? Should observers be allowed in committee meetings--these questions will be turned over to Council.

3. Ways to grow the society for pediatric pathology--create a "broad tent-easy entry" membership policy: Alba Greco

As of August 1, 1999 we have 575 members, this is slightly down from 609 in 1998 and 589 in 1997. Why?

Application forms are somewhat hard to come by at a moment's notice although they are very easy to obtain from the central office.

Make them more available--mail them out once a year in the Newsletter, take them to other meetings (Pediatric Pathology Speciality Slide Seminar at the USCAP), Central Office to handle.

Include application form in the PDP, every other issue? Denis Benjamin.

When Newsletter gets notification about an upcoming meeting, the Central office should sent some application forms to the person in charge to be distributed at their meeting.

Notify all pathology training directors of the Training Breakfast so they can tell their residents--President of SPP.

Create benefits for New memberships: Items raised include

a. Pay membership fee and get a free workshop--on site registration and new members--space available only.

b. Pay fee for workshop and get a year's membership--less acceptable alternative.

Recommendations will be sent to Finance, education and membership committees.

How to retain old members?

Create a list of sites that are willing to host an SPP member for specialized training for a short time. Consider some form of travel award. Who would coordinate? No clear answer was available.

4. How to promote Pediatric Pathology Research: Miguel Reyes-Mugica reporting for David Parham

Issues about publication of research in PDP

Long delay between submission and publication--addressed by Denis Benjamin in the publications meeting of instituting a "fast-track" form of publication for articles deemed by either the author or the reviewers as needing a rapid turn-around-time.

Cost of color pictures--do not believe that this is an issue any longer--Denis Benjamin to respond.

Put a listing of membership research interests on the Web site--who would gather information and prepare it for the Web? There is a listing of membership basic interests in the Directory.

Constant reminders for potential Lottee Straus Prize publications, whether an SPP member or not--total membership, especially Council and Committee members.

NIH has a web site that is easily accessible that addresses the new grant information. This usually has a very short turn-around-time and there isn't time to get it published in the Newsletter, but the Web site may be able to pick up such information--David Witte has details.

Consider workshop for transgenic murine embryology/morphology. Consider workshop for how to be successful for an NIH grant--referred to education committee.

5. How to strengthen our influence on the practice of pathology: Cheryl Coffin

This topic has considerable overlap with Aim #1.

How to get non-pediatric pathology audiences, marketing to special groups, consider presentations an

non pathology meetings.

Do we know what the perception of pediatric pathology is in the general pathology community? Are we the only ones that think we have something special to offer?

Do we need more CME courses?

Recommend that large pathology groups have an SPP member on Education Committee--may already be in place and will be addressed in the membership renewal query of other society memberships and committees.

6. Ways to apply new communication technologies to local/international education: Bob Bendon

The Web site should be organized better so that it is easier to find information. Perhaps a "web site navigator" or a special technical person should be hired--It is time to move onto more than an ad hoc bulletin board--this has been addressed by the Publications Committee Bev Rogers.

Membership needs to be educated on how to get into the list server and web site--this could be done in the Newsletter--Paul Dickmann and Joe Rutledge to address.

7. Finances: Joe Rutledge

Revenues are balancing. Our biggest long range plan should be looking into our endowments to make sure that we are using them as intended--responsibility of the executive committee.

We need to keep an eye on incoming revenues as our expenses keep going up.

Increase revenue by advertising on the Web site and Newsletter--addressed in the Publications Committee Meeting, Bev Rogers.

Consider getting sponsors for travel allowances for speakers to meetings. In order to approach companies we will need information about how many tests we are doing, how many people we are reaching, etc to impress upon them the impact we have--recommendation turned over to the Finance Committee and fund raiser John Buchino.

- Long Range Planning Committee Follow-up at the Interim Meeting in Vancouver: Derek deSa

There will be "round table discussions" at lunch. Each table will have a sign designating a specific topic. Members can sit where ever they wish to and discuss those issues. Committee members assigned to each table will be made by Derek deSa.

The meeting was adjourned at 1600.

**Footnotes: Derek deSa, M.D.

1. These topics are for the entire membership to consider. Comments etc can be made through the Newsletter, Councillors, etc.
2. The Society has made a lot of progress since 1985 (first Long Range Planning Session at Madison, WI). Future progress depends on the activities of all members.

POSITIONS AVAILABLE

- **FELLOWSHIP, TAMPA GENERAL HOSPITAL**

Description: This fellowship offers an exciting and extensive exposure to all aspects of Pediatric pathology by combining the programs at Tampa General Hospital (TGH) (a teaching hospital for the University of South Florida) and All Children's Hospital, (ACH) in St. Petersburg.

TGH is a large 900 bed hospital with active pediatric and obstetric services and a strong feto-maternal medicine program. Over 200 perinatal autopsies are performed annually which include examination of embryos, fetuses, newborns and pediatric cases. There is close interaction with the clinical services and a broad range of teaching and patient management conferences. At ACH there is a very active program in molecular techniques, tumor pathology, PCR, FISH, flow cytometry procedures and research activities in pathology, immunology and molecular diagnostic pathology.

Pediatric clinical pathology including hematopathology is an integral part of the program and the fellow is expected to participate in some research. The

fellowship is approved by the ACGME and is for 1 year. A second year may be approved.

Requirements: Applicants should be either board certified or eligible in AO or AP/CP and be from an approved residency program.

Stipends: Commensurate with postgraduate training.

Applications: Please send applications and inquires to: Enid Gilbert-Barnes, M.D., Department of pathology, Tampa General Hospital, Davis Islands, Tampa FL 33601, phone: 813/251-7565; FAX: 813/253-4073

- **INSTRUCTOR PEDIATRIC/
PERINATAL PATHOLOGY, CHILDREN'S
HOSPITAL OF PITTSBURGH**

This is a one-year Instructor level appointment to be spend jointly at Children's Hospital of Pittsburgh (CHP) in the diagnostic pediatric surgical pathology/autopsy service and Magee-Women's Hospital perinatal and placental service. Time will be evenly divided between the two services with the possibility of academic or research time at both institutions by arrangement. The candidate will participate in Medical School and house-staff training. Candidates must be Board Certified in Anatomic Pathology and eligible for Pediatric Pathology Board Certification of Special Competence in pediatric and perinatal pathology.

This is a full-time appointment beginning July 1, 2000 which offers a salary commensurate with credentials and experience. To receive full consideration, applications must be received by 2/1/2000. Submit applications to: Catherine Craven, M.D. at the Department of Pathology, Magee-Women's Hospital, 300 Halket Street, Pittsburgh, PA. Email:RSICMC@mail.magee.edu. The University of Pittsburgh is an affirmative Action, Equal Opportunity Employer.

- **NEUROPATHOLOGIST**

The Children's Hospital of Philadelphia and the University of Pennsylvania School of Medicine are seeking a BE/BC Neuropathologist with experience and/or training in Pediatric Neuropathology. Prefer-

ence will be given to a candidate who has experience in research of CNS tumors. Interested candidates should send a CV and arrange for 3 letters of recommendation to be sent to:

Pierre Russo, MD,
Chief, Anatomic Pathology
The Children's Hospital of Philadelphia
324 S. 34th Street
Philadelphia, PA 19104.
EOE, M/F/D/V.

The Children's Hospital of Philadelphia
www.chop.edu

ANNOUNCEMENTS

WHAT HAPPENED TO THE LIST SERVER?

Joe Rutledge, M.D.

If you are asking this question, then you want to read the answer. About mid-December many sites upgraded their servers and renamed them. There were two results:

1. The automatic software, no longer finding your server sent you address tot he trash bucket, hence no mail. You can resubscribe via the instructions on the SPP WWW page or send a message to Joe Rutledge with your name and location.
2. You can no longer post a message but continue to receive messages. In this case, your address changed to something other than what you subscribed with but the old address is being forwarded to the new one. This is a problem, as I closed the list to subscribers only to avoid junk mail. The solution is to contact Rutledge who can fix it.

Joe Rutledge, M. D., Department of Laboratories,
Children's Hospital, Seattle, WA
jrutledg@u.washington.edu; FAX:206/527-3840

**RETIREMENT OF DR. VIRGINIA
BALDWIN**

Jim Dimmick, M.D.

Virginia Baldwin, M.D., retired for the department of pathology, British Columbia's Children's and Women's Hospital December 31, 1999. To honor her, a day of perinatal and placental pathology was held December 3, 1999, with guest speaker Kurt Benirschke, M.D. President of the SPP Joe Rugledge, M.D., and Laura Finn, M.D., of Seattle attended. Virginia was presented with a Salish carving of the bear, a symbol of a teacher, for which she is well known.

**SPP INTERIM MEETING,
SEPTEMBER 21-24,
VANCOUVER, BRITISH COLUMBIA**

Jim Dimmick, M.D.

The Department of Pathology and Laboratories, BC Children's and Women's Hospital, and the University of British Columbia Department invite you to join us in Vancouver for the interim meeting of the Society for Pediatric Pathology, September 21-24, 2000 (21st perinatal group). Look for our web site announcements and our flyers at New Orleans and via the SPP web site. The venue will be Vancouver's Granville Island with the Emily Carr Art Institute lecture hall for presentations and the Granville island Hotel for posters, accommodations and socializing. (See enclosed flyer).

**USE OF GFAP IMMUNOSTAIN IN PERINA-
TAL NEUROPATHOLOGY DETECTS RE-
ACTIVE ASTROCYTES**

*Stewart F. Cramer, M.D.,
Rochester General Hospital*

1. Reactive astrocytes in perinatal brains may be more difficult to recognize on routine light microscopy than their counterparts in adult brains (Friede), especially in macerated brains from stillbirths. Such cells are strikingly more apparent with an immunostain for glial fibrillary acidic protein (GFAP).
2. Although it may be well-known to many neuropathologists (Friede, Roessman), the usefulness of doing IMMUNOSTAIN for GFAP in perinatal brains to detect white matter astrocytosis may not be

widely appreciated among general pathologists doing stillbirth cases, and may not be familiar to all pediatric pathologists.

3. In an institution (like my own) which has no pediatric neuropathologist; or even a case where there is no neurologic indication for consulting a department's neuropathology staff; this technique may uncover many cases of reactive gliosis of the white matter that might have been signed out as "macerated brain" by a general or pediatric pathologist.

4. When this finding is documented, it helps put the pieces of the puzzle together. In my experience, it may often be an important finding both to clinicians and family members.

**RETURN YOUR SPP
MEMBERSHIP
RENEWAL TO THE
CENTRAL OFFICE
AS SOON AS
POSSIBLE. TIMELY
PUBLICATION OF
THE NEW SPP
DIRECTORY
DEPENDS UPON YOU**

FUTURE MEETING DATES

SPP/USCAP Meetings

- 2001, Atlanta, March 2-3
- 2002, Chicago, February 22-23
- 2003, Washington, DC, March 21-22

SPP Interim Meetings

- 2000, Vancouver, British Columbia, September 22-24
- 2001, Memphis, TN
- 2002, Dallas, TX

Officers/Council Members

*indicates new appointment

Officers:

President Joseph Rutledge
Past President J. Thomas Stocker
President-elect Claire Langston
Secretary-Treasurer Deborah Perry

Council:

Alba Greco (2000) *Robert Bendon (2002)
Raj Kapur (2000) *Glenn Taylor (2002)
Carole Vogler (2001)
Cheryl Coffin (2001)

Committee Chairs & Members

Archives:

Lila Penchansky (Chair -2000)
Ona Faye-Peterson (2000)
*Joan Durbin (2002)

Bylaws:

*Glenn Dickey (Chair -2002)
Eduardo Ruchelli (2000)
*Maureen Sander (2002)
*Vicki Gresik (2002)

Distinction & Awards:

David Witte (Chair -2000)
Cirilo Sotelo-Avila (2000)
Drucilla Roberts (2001)
*Kathleen Heidelberger (2002)
Kathy Patterson (ex-officio)

Education:

*Kathy Patterson (Chair -2002)

Workshop:

Jeff Goldstein(2000)
Amy Lowichik (2001)
Aliya Hussain (2001)
*Edith Marley (2002)

Abstract:

Ricardo Drut (2000)
Pierre Russo (2000)
Hal Pinar (ad hoc) (2000)
Charles Timmons (2001)
Ernest Cutz (2001)
*Cynthia Kaplan (2002)

CME:

Wes Tyson (ex-officio -2001)
Lisa Teot (ad-hoc -2005)
Sarah Johnson (2001)
Gloria Kohout (2001)
*Niru Padiyar (2002)

Ad Hoc Extramural Education Subcommittee:

Vijay Joshi (2001)
Derek Desa (2001)
*Sue Hammond (2002)

Fellowship:

Milton Finegold (Chair -2002)
Jim Dimmick (2001)
Jerry Garvin (2001)
Henry Krous (2000)
Anotonio Perez-Atayde (2001)
Van Savell (2002)
Glenn Taylor (2002)
Consultants - Bill Bradford, Bill Donnelly

Finance:

Joel Haas (Chair -2002)
Susan Simonton (2001)
*Linda Margraf (2002)
*Beverly Dahms (2002)
Deborah Perry, Sec-Treas.

Liaison:

Deborah Perry (Chair)
Kathy Patterson (2002)
David Parham (2000)
David Zwick (2000)
*Elizabeth Perlman (2002)
*Robert Novak (2002)
*David Hardwick (2002)

Long Term Planning:

Derek deSa (Chair -2002)
Past Presidents: J. Thomas Stocker, James Dimmick, John Buchino
*Roma Chandra (2000)
*Edwina Popek (2001)
*Enid Gilbert-Barnes (2002)

Membership:

Henry Krous (Chair -2000)
Gail Schauer (2000)
*Fred Askin (2001)
*Theonia Boyd (2002)
J. Thomas Stocker (ad-hoc, consultant)

Nominating:

Claire Langston (Chair)
Pat O'Shea (2000)
Kevin Bove (2001)
*David Kelly (2002)
Past Presidents: - J. Thomas Stocker, James Dimmick, John Buchino

Practice:

David Zwick (Chair -2000)
Randall Carver (2000)
Dena Selby (2001)
Margaret Collins (2001)
*Gareth Jevon (2002)
*Ted Pysher (2002)

Slide Survey Subcommittee

Charles Timmons (Chair -2001)
*Leon Metlay (2002)
*Ray Redine (2002)
Robert Novak - coordinator

Publications:

Bev Rogers (Chair -2001)
Larry Becker (2000)
Steve Qualman (2000)
*Bill Donnelly (2002)
*Katrina Hansen (2002)
Ex-Officio
Denis Benjamin, PDP
Paul Dickman, Website
Don Singer, Perspectives
James Dimmick, Perspectives
Deborah Perry, Secretary-Treasurer
Edwina Popek, Newsletter

Research:

David Parham (Chair -2000)
Brett Casey (2000)
David Genest (2000)
James Downing (2001)
Deb Schofield (2001)
*Miguel Reyes-Mugica (2002)
*Hiroyuki Shimada (2002)

Ad hoc Technologies Committee:

Paul Dickman (Chair)
Lilliane Boccon-Gibod
Halit Pinar
Glenn Taylor

Ad hoc Committee on Sections:

Bruce Beckwith
Kevin Bove
John Buchino

SPP National Office

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