



# Society for Invertebrate Pathology

## Newsletter November 2007

### 40<sup>th</sup> Annual Meeting of the Society for Invertebrate Pathology and First International Forum on Entomopathogenic Nematodes and Symbiotic Bacteria, August 12 – 16, 2007, Quebec City, Canada.



The Annual Meeting of the Society was held in Quebec City at the Université Laval Campus in August 2007.

This was the 40<sup>th</sup> annual meeting of the Society and the 4<sup>th</sup> to be held in Canada, the others having been in Kingston (1976), Sault Ste Marie (1985) and Banff (1997).

A total of 386 registrants, 80 of whom were students, attended the conference and 32 different countries were represented. In addition, approximately 50 companions accompanied the registrants.

The meeting organizing committee was co-chaired by Conrad Cloutier and Jean-Louis Schwartz and the scientific program committee by Basil Arif and Roland Brousseau.

In addition, the 1<sup>st</sup> International Forum on Entomopathogenic Nematodes and Symbiotic Bacteria, organized by Harry Kaya, Parwinder Grewal, Steve Forst and David Shapiro-Ilan and a satellite workshop, organized by Michele Cusson were held in conjunction with the SIP Meeting.

Registration, local arrangements and meeting logistics were supplied by Hospitalité Québec. Mark Goettel and Peter Krell,

members of the scientific program committee, assisted with a variety of tasks during the meeting along with Chris Lucarotti and Peg Rotstein.

#### Scientific Program

President Wendy Gelernter and Jean-Louis Schwartz opened the meeting on Monday morning, with a welcome given by Dr Guy Gendron, Dean of the Science & Engineering Faculty of Université Laval.

The Founder's Lecture entitled "Dr. Albert K. Sparks: A Pioneer and Visionary in Non-Insect Invertebrate Pathology" was presented by Dr. Frank Morado. We were fortunate that Dr. Sparks was able to join us at the Banquet, at which time he addressed the attendees and presented a joke or two.



Frank Morado (left) with Albert Sparks

Two plenary sessions followed the Founders' Lecture. They were "Looking back: 40 years of SIP" presented by past president and chair of the history committee, Dr. Elizabeth Davidson and "Chemical ecology and invertebrate pathology: do sub-lethal pathogenic infections affect chemically mediated behaviours" presented by Dr. Jeremy McNeil from the University of Western Ontario.

During the following four days, there were 52 presentations within 10 symposia, 16 presentations within 4 sessions of the Forum on

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Entomopathogenic Nematodes and Symbiotic Bacteria, 140 contributed oral presentations, 150 posters, 5 Divisional workshops and a Student Committee Session with a pizza lunch. Fifty-five students competed for the best oral (out of 33 presentations) and poster (out of 22) student awards.

### Social Program

The meeting opened on Sunday evening with a mixer held on campus. Despite a few showers and a spectacular thunderstorm on Sunday evening, the good weather allowed for an enjoyable excursion and BBQ.

The 5-k run/walk was held early on Tuesday morning. Despite 84 registering for the run, only 48 participated. It is believed that the remaining 36 decided to sleep in!

The excursion on Tuesday afternoon was enjoyed by 286 participants. This included a 1.5 hr cruise down the St. Lawrence Seaway aboard the M/V Louis Jolliet which offered some spectacular views of the city. After the cruise, participants had a brief stop at the Montmorency Falls. At 83m (272 ft.), the falls are 30m (98 ft.) higher than Niagara Falls.

Conference delegates and their companions then reunited after a brief gondola ride to the top of Mount-Sainte Anne, where the BBQ was held. Participants were treated to a wonderful evening with performances by the Famille Painchaud which included classical music during the dinner followed by impressive fiddling and folk dancing.



Awards for the 5-k winners were also presented during this evening. Attendance at the BBQ was approximately 440. The meeting closed Thursday evening with a banquet held at the Delta Hotel in downtown Quebec City with President Gelernter as Master of Ceremonies.

Following dinner, an awards ceremony was held

with certificates and prizes awarded to the Founder's Honoree and Lecturer, the Martignoni and Lomer Awards, the best student oral and poster presentation awards, as well as the divisional student and travel awards. Delegates and their companions then danced the night away in true SIP fashion to music provided by a DJ.

### Sponsorship

The meeting would not have been a success without the generous sponsorship of the following:

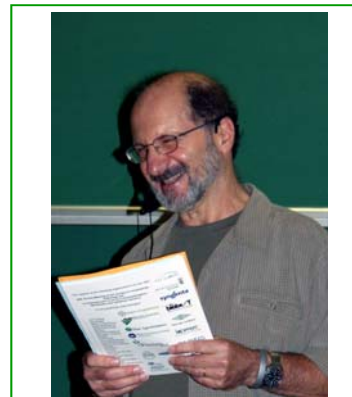
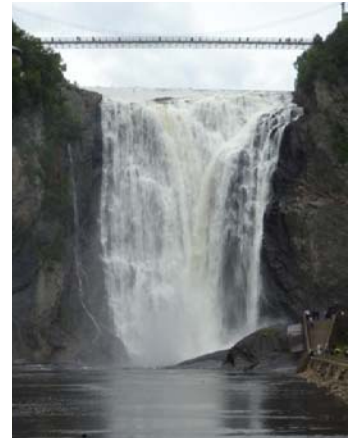
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*Thanks to our sponsors!*

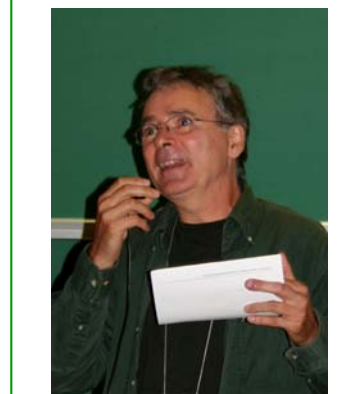
We thank all those who attended and made it yet another great and successful SIP Meeting! See you in Warwick in 2008.

**Conrad Cloutier and Jean-Louis Schwartz**

Co-chairs, Meeting Organizing Committee.



Jean-Louis Schwartz



Conrad Cloutier



## Jim McNeil, Martignoni Award winner

Jim McNeil began his university education at Cornell University where he was introduced to insect pathology. He worked in Dr. Ann Hajek's lab for three years as an undergraduate and assisted with projects on gypsy moth, forest tent caterpillar and Asian longhorned beetle pathogens, both in the field and the lab.

Jim notes "Whether in the field collecting cadavers in an epizootic of *Entomophaga maimaiga* in gypsy moths or in the lab running bioassays with *Beauveria bassiana* and Asian longhorned beetles, I was impressed by the elegant adaptations of the pathogens to infect their hosts and the myriad mechanisms by which the hosts avoid infection."

Jim is currently a Ph.D. student at Penn State University with Dr. Kelli Hoover. His work focuses on the immune system as a



possible source of the differential susceptibility among gypsy moth instars to the baculovirus LdMNPV. He hopes to add to the basic understanding of anti-viral immune responses and to the improvement of the baculovirus as a control agent. Kelli describes Jim as "an exceptional, well-rounded student, excelling at everything he does". Jim plans to graduate in 2008.

Jim's presentation, co-authored by Diana Cox-Foster and Kelli Hoover, was titled "Effects of developmental resistance on LdMNPV pathogenesis in gypsy moth" and was presented in the Viral Ecology and Biocontrol Session on August 14, 2007.

*The Mauro E. Martignoni Student Travel Award recognizes the work of outstanding students in invertebrate pathology.*

## Monica Pava-Ripoll, Lomer Travel Award winner

Monica Pava-Ripoll is a PhD candidate at the Department of Entomology, University of Maryland, College Park, USA. She is from Colombia and her PhD has been partially supported by the Colombian Federation of coffee growers and its coffee Research Center, CENICAFAE. She plans to return to Colombia after completion of her doctoral degree to join the scientific team at CENICAFAE.

Monica's current research is focused on improving the pathogenicity of the fungal pathogens *Beauveria bassiana* and *Metarhizium anisopliae* to control insect pests. She is using molecular and genetic techniques to enhance mechanisms for the biological control of the

coffee berry borer, a key pest of coffee in Colombia and around the world. At the SIP meeting in Quebec, Monica gave a talk at the Microbial Control session entitled "Differential gene expression by *Metarhizium anisopliae* grown on plant root exudate." She also presented a poster entitled: "Expressing a scorpion neurotoxin (AaIT) makes *Metarhizium anisopliae* hypervirulent to the coffee berry borer, *Hypothenemus hampei* Coleoptera:Curculionidae)".

*The Lomer Award provides travel support for insect pathologists from less developed countries to attend SIP Meetings.*



## Student prize winners: details in the next issue



Student Paper and Poster Award winners

## From the President

**A 40<sup>th</sup> anniversary magnificently celebrated, and some important questions to ponder for the future**



The 2007 Annual Meeting of the Society for Invertebrate Pathology was a time for celebrating an important milestone in SIP's history, but was also a time for looking forward, and reflecting on the future of our Society. Let me begin with the celebration, though, for there is much to talk about here.

*Celebrating our history, symmetry, and much more*

All SIP meetings are special for their unique blend of science, collaboration, friendship and travel to new locations, but this year's meetings were especially noteworthy, because it was forty years ago, in 1967, that SIP first came into being.

It was indeed a great honor for me, at the Opening Ceremonies, to invite nine very special members of the audience to stand, so that their vision, as original founding and charter members of SIP, could be recognized and applauded.

These members — Max Bergoin, Elizabeth Davidson, Robert Granados, James Harper, Harry Kaya, Dudley Pinnock, Don Roberts, Albert Sparks and John Webster — have been active and valued members of SIP since its inception 40 years ago, and it was wonderful to have them all in attendance that day.



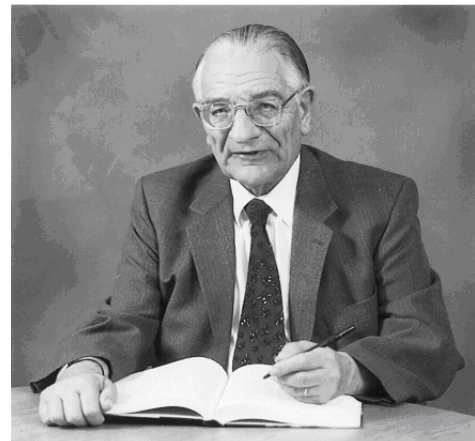
*Founding Members at the Quebec meeting*

*Left to right, back row: Don Roberts, Dudley Pinnock, Max Bergoin, Jim Harper, John Webster. Front row: Bob Granados, Betty Davidson, Harry Kaya*

Amongst those nine founders, we were especially lucky to have with us Dr. Albert K. Sparks, the 2007 Founder's Lecture Honoree, who, along with Dr. Ed Steinhaus, organized the very first meeting of the SIP in 1967 — the very meeting that we were celebrating the 40<sup>th</sup> anniversary of in Quebec this summer. What a wonderful symmetry!

One of SIP's original charter members who wanted to celebrate with us in Quebec, was Denis Burges, who has been a great mentor and great friend to many of us. Although he could not attend the meetings, Denis sent a greeting that I read at the Opening Ceremonies, and that I reprint a portion of below:

*I deeply regret that I am unable to be with you at this 40<sup>th</sup> anniversary of the SIP, but time has caught up with me. It does not seem possible that 40 years ago calculators were a new invention and home computers and the internet were a science fiction concept. The first President, Ed Steinhaus, was one of the main instigators of the Society and with his enthusiasm, the idea of gathering people together to provide a focal point for discussion on invertebrate pathology to further knowledge in the spirit of cooperation was born. I have many happy memories of talking science and of our social events — how many people have danced with a gypsy queen? (Note: Denis refers here to a banquet at the 1985 meetings in Sault Ste. Marie, Canada, where his Presidency was honored in a variety of ways, including a belly dancing performance in which he sportingly participated) I hope that you enjoy the meeting and I commend the future to you — the world needs scientists like yourselves to survive.*



*SIP Charter Member and Past President, Denis Burges*

The Quebec meetings were also a time to celebrate SIP's continued growth and diversity. With scientific presentations that spanned the spectrum of topics in invertebrate pathology, almost 400 delegates hailing from over 30 countries, and impressive student participation (more than 20% of this year's delegates were students), it is clear that SIP continues to be important and relevant to a wide cross section of scientists.

And last, though certainly not least, SIP 2007 was a time to celebrate the tremendous, multi-year effort that went into organizing a meeting that was a success on all levels — scientific, social and financial. For this success, we have many people to thank, but I must start first with Jean-Louis Schwartz, who guided every aspect of the meeting — from programming, to the meeting facilities, to the social events, to the wonderful food and wine (French, of course!) at the banquet. At his side all of this time, contributing her ideas, her impeccable taste, her common sense and her knowledge of SIP traditions, was Jean-Louis' wife, Rosalind, who is a beloved "honorary member" of SIP in all of our eyes. Due to illness, Rosalind was able to attend the meetings only briefly this year, and so I want to extend, once again, our deep gratitude, affection and very best wishes to her and Jean-Louis.



*Jean-Louis Schwartz and Rosalind Cabot (and butterflies) at the 2002 SIP meeting in Iguassu Falls, Brazil*



*Peg at the Quebec meeting*

Jean-Louis was ably supported in his efforts by his Organizing Committee co-chair, Conrad Cloutier and the other members of their committee, as well as by the Program Committee, chaired by Basil Arif and Roland Brousseau. And very special thanks go to Mark Goettel, who acted in every capacity under the sun and was the glue that held the entire organizing effort together in the critical months leading up to the meeting.

The highly professional work of Annick Létourneau and her staff from Hospitalité Québec was invaluable to the organizing effort as well, and we were lucky to be able to retain their conference management services for this meeting.

Thanks also go to David Shapiro-Ilan, Parwinder Grewal, Steve Forst and Harry Kaya, the organizers of SIP's First International Forum on Entomopathogenic Nematodes and Symbiotic Bacteria. Efforts such as theirs help to maintain the high quality of science at our meetings, and to attract new delegates and SIP members.

#### *Shining the spotlight on SIP's corporate donors*

SIP's annual meeting is our most important event of the year, and also our costliest. And in order to keep improving the quality of those meetings, we need money. This year, our meeting donors were especially generous, and I want to thank all of those companies listed in the Meeting report on page 2 for their involvement and support of SIP.

#### *A special thank you to Peg Rotstein*

After nine years as SIP's Executive Secretary, and many more years as a devoted SIP member, webmaster and friend, Peg Rotstein has asked to step down from her Secretary role at the end of her contract period in April, 2008.

With a new, full-time job and twin boys on her hands, she felt that she could no longer devote sufficient time to SIP and its members. And so it is with great sadness that we will say good-bye to Peg's support, her inventiveness and her commitment to SIP, while at the same time wishing her the best of luck in her new career. The spontaneous round of applause that she received after her farewell speech at the SIP meetings in Quebec is a testament to the gratitude and affection that she is held in by SIP members.

We have several months to identify potential candidates for the Executive Secretary job. A job announcement appears in this newsletter and on the SIP website, so if you know of anyone who meets these requirements, please let me know.

#### *Planning for the future*

My President's report, which appears in this issue of the newsletter, outlines many of the changes and new initiatives that have unfolded during the first year of my Presidency. One subject, though, deserves highlighting and further discussion in this column, and that is the issue of SIP's finances.

There is both good news and also some cautionary news to report here. On the positive side, we have seen truly remarkable growth in some of our endowed funds — most notably due to generous contributions from the families of Chris Lomer and Mauro Martignoni.

The growth of our endowed funds enables us to provide more support to students and developing world scientists, and is one of the most important of SIP's programs. SIP members have also been generous in their support of the endowed funds, and I urge you to continue to donate to this good work. Donations are tax-deductible in most cases, and are easy to make on the SIP website (<http://www.sipweb.org/donations.cfm>).

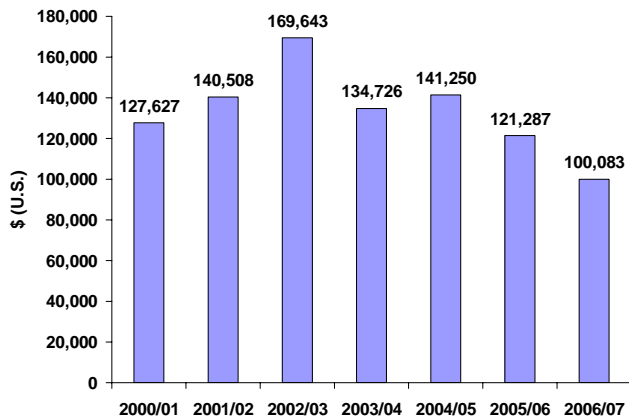
Other progress comes from SIP's six divisions, most of whom are reporting increased membership and revenues, and also from the Membership Committee, chaired by Helen Roy, who report over 560 members as of November 1 — the highest number we have seen in years!

But there are also less happy trends that must be taken note of as well, and this is illustrated by the two graphs on the next page.

You will note that our General Fund now has a little over \$100,000 (US) in it, and that this amount has been slowly declining for the past few years (Figure 1, overleaf).

**Figure 1. SIP General Fund Balance**

This amount has been declining over the past several years.



You may wonder why I am concerned — \$100,000 sounds like a lot of money, after all. There are two reasons why I am bringing this to your attention. The first is that while \$100,000 is indeed a lot of money, in the event of a catastrophe (a meeting that unexpectedly fails to materialize, for example), this money could be rapidly depleted.

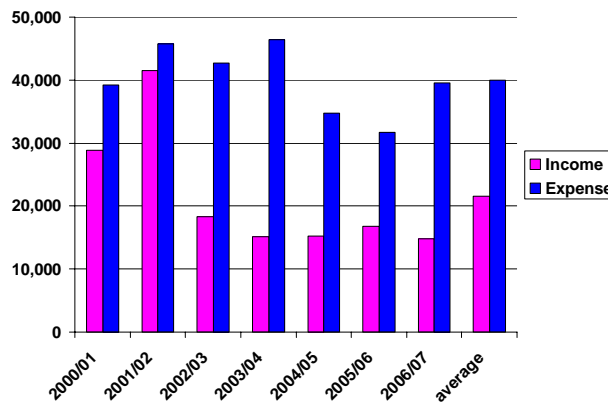
In checking with several other professional societies, most use a formula of two times the annual operating expense to calculate the minimum level of funds in their Treasuries. Since our annual expenses average around \$40,000 per year, we cannot afford for our Treasury to decrease much further.

The second reason that I am concerned is that there is no indication that the trend towards lower balances in our General Fund will change. This is because, for several years now, our operating expenses have been higher than our income (see Figure 2).

This means that unless we change either our spending habits or our ability to generate more income, we will dip below the \$100,000 mark very soon.

At our meeting this August, the SIP Council discussed many options for dealing with this issue. Overall, we agreed that we should set \$100,000 as the minimum General Fund balance, and that to maintain this goal, we should try to increase income, rather than to cut back on expenses.

**Figure 2. SIP General Fund Income and Expense**



To this end, we have formed a small, ad-hoc committee, composed of myself, Fernando Vega, Jim Harper and Treasurer Jimmy Becnel to explore methods for increasing SIP's revenues. Our proposals will be reviewed by Council this winter, and presented to the membership in 2008.

In the short-term, however, Council agreed that we would make one spending reduction for 2008 by decreasing the funds given to each Division for non-member speakers from \$1500 to \$750. This will immediately save SIP up to \$4500 for the 2007/08 fiscal year. Please be assured that this is one of Council's main priorities.

I will be reporting back to you in the next newsletter on our progress in identifying strategies for increasing our General Fund. But if you have any questions, concerns or ideas regarding SIP's finances, please feel free to contact me any time.

My best wishes to you, your families and your friends, for a healthy, happy and more peaceful New Year.

Wendy Gelernter, SIP President



SIP Council. Left to right, back row: Jimmy Becnel, Johannes Jehle, Michael Brownbridge, Just Vlak, Mark Goettel, Fernando Vega. Front row: Rose Hu, Christina Nielsen-LeRoux, Patricia Stock, Wendy Gelernter, Regina Kleespies, Jenny Cory, Bryony Bonning, David Shapiro-Ilan

# Minutes of the 2007 General Business Meeting

August 16, 2007, 10:30am – 12:30pm

President Wendy Gelernter opened the meeting with a welcome and review of the agenda. She declared the Quebec City meeting successful, and thanked the organizers for their efforts.

She asked for any new business. There were no responses from the attendees.

## Minutes from the 2006 business meeting

Secretary Jenny Cory suggested that we dispense with the reading of the Minutes from the 2006 business meeting since they were published in the newsletter for all to read. John Vandenberg moved to dispense with the reading of the minutes and John Burand seconded. All approved.

John Vandenberg moved to accept the minutes of the 2006 business meeting and Michael Brownbridge seconded. The motion was unanimously approved.

## President's Report

President Gelernter recognized the current council, trustees and division chairs. She also mentioned the following new appointments, and thanked the outgoing chairs and officers for their service:

## Nomination Committee

Chair Bob Granados will be replaced by Just Vlák

## Meetings Committee

Chair Mark Goettel will be replaced by Lawrence Lacey

## Student Awards Committee

Chair Steven Wraight will be replaced by Andreas Linde

## Membership Committee

Chair Ray Akhurst will be replaced by Helen Roy

## Student Affairs Committee

This committee has been resurrected by Patricia Stock, who will be joined by Onya Opota in supporting SIP's student members and in organizing events that will continue to attract even more.

## Trustee

Bonifacio Magalhaes will be replaced by Bryony Bonning

## Financial Oversight Committee

This new ad-hoc committee will be chaired by Treasurer James Becnel and President Wendy Gelernter

## Special Fund-raising Committee

This new ad-hoc committee will be chaired by Fernando Vega

## Outreach Committee

This new ad-hoc committee, which will be chaired by John Vandenberg, will seek to link SIP and its members to other scientists and organizations with which we share common ground.

President Gelernter also highlighted the special contributions of two individuals who will soon "retire" from their positions within SIP. Leellen Solter, long-time editor of the SIP newsletter, will turn her position over to joint editors Judith Pell and Paresh Shah, and Peg Rotstein, SIP's invaluable Executive Secretary, will be stepping down from her role as of April 30, 2008. Business meeting attendees joined President Gelernter in a warm round of applause for Lee and Peg's contributions.

Several new developments within SIP were mentioned. These include:

**The first forum on entomopathogenic nematodes and symbiotic bacteria** was included as part of SIP's 2007 program. President Gelernter acknowledged the hard work of organizers David Shapiro-Ilan, Parwinder Grewal and Harry Kaya.

**The 2008 introduction of electronic voting** will be instituted with this coming year's elections of SIP officers. (Elizabeth Davidson asked if paper ballots would be available and President Gelernter answered that this is something that would be followed up on.)

**SIP's financial status** shows mixed results for the past year. There have been extraordinary donations coming into the Society from the Martignoni and Lomer families (in support of the Martignoni and Lomer awards) and from corporations. SIP Division bank accounts have also increased due to membership increases and fund-raising activities. However, SIP's general fund has been in decline for several years now. Though the balance of the general fund is still high, at over \$100,000, President Gelernter proposed that this amount is the minimum that should be tolerated in the near future. The newly formed Financial Oversight Committee will be bringing proposals to the membership over the next year on strategies that will continue to keep SIP's finances as healthy as possible.

## Treasurer's Report

Treasurer James Becnel presented the figures and charts from the fiscal year 2007 Treasurer's Report. He mentioned that decline in balance is mainly due to speaker and student travel awards. The meetings are asked to break even and therefore usually do not make a profit.

## Auditor's Report

Stefan Jaronski and Mary Barbercheck agreed that all is in order with SIP books and the Treasurer's Report.

### **Executive Secretary Report**

Margaret Rotstein reviewed her duties and responsibilities over the past year. She stated that she has taken a new position with the National Oceanic and Atmospheric Administration as a Senior Analyst and will be stepping down as Executive Secretary at the end of her current contract April 30 2008. She thanked all of the members for their support and issued a farewell to SIP.

President Wendy Gelernter requested that anyone who may know of an individual or organization that would like to take over Executive Secretary Duties to contact SIP with the information.

### **Nominating Committee Report**

Just Vlak and the Nominating Committee are looking for a new vice president, secretary and 2 trustees for the next election. November issue of newsletter will list nominees and request for more. SIP elections are scheduled for spring, 2008.

### **Membership Committee**

Helen Roy is taking over from retiring Chair Ray Akhurst. There was an increase in membership last calendar year. Students need to be encouraged to join. Patricia Stock will put together a poster that can be distributed to members to display at meetings and in their institutions. Suggested a podcast on the web to advertise the advantages of being an SIP member. Eastern Europe, Africa, and Mid-East membership needs to be improved. Emeritus membership is being reviewed and requests to nominate qualified members should be sent to the membership committee. Just Vlak suggested that members should sponsor foreign students.

### **Endowment and Finance Committee**

James Harper (not in attendance): \$9800 was raised by companies

### **Meeting Committee**

Lawrence Lacey stated the 2009 SIP Meeting is tentatively scheduled for Park City, Utah.

The location of the 2010 SIP Meeting is yet to be determined, but offers have been received from Dr. G. Gujar, who has proposed hosting the meeting in New Delhi, India and Dr. Zihni Demirbag, who has proposed hosting the meeting in Turkey at the Karadeniz Technical University in Trabzon. A final decision on the location of the 2010 meetings will be made in early 2008. A meetings guide was drafted, with 99% of the effort from Mark Goettel.

### **2006 Wuhan Report**

Dr. Ming gave an overview of the 2006 meeting in Wuhan, China. A total of 196 oral presentations, 129 posters, and 28 attendees at the 5K race and 400 at the BBQ show a picture of a very successful meeting. A total of \$6541.27 was returned to SIP as a part of the proceeds of the meeting. The meeting was profitable overall .

### **2007 Quebec City Meeting**

Mark Goettel read the following numbers reported so far: 380 registrants; 80 students; 230 members; 70 non-members; 50 companions; 370 presentations (140 oral and 150 posters); 80 5k participants. The meeting should at least break even.

### **2008 Warwick, UK Meeting**

David Chandler gave an overview. Dates are 3-8 August 2008. Location is 95 miles NW of London. The future website will be: <http://www2.warwick.ac.uk> (available in November). There will be free wireless access and free parking. Two hundred en-suite rooms available plus 23 double and 100 standard to participants. Two dedicated conference centers and hotels are available. Price for the meeting includes all meals. The venue will be at the arts center. Local Organizing Committee consists of David Chandler, Doreen Winstanley, Judith Pell, Helen Roy and Bob Possee. The Science Committee consists of Bryony Bonning with liaison Bob Possee.

### **Outreach Committee**

John Vandenberg stated the purpose is to broaden and strengthen science with non insect pathologists. See John to suggest ideas.

### **Division Reports**

#### ***Virus Division***

Johannes Jehle; 103 Members reported. Large increase in student membership due to sponsors.

#### ***Nematode Division***

David Shapiro-Ilan; Successful Symposium will continue same format next year. Update the website. New member-at-large is Susan Bornstein-Forst.

#### ***Microsporidia Division***

Regina Kleespies; Division is doing well financially. There are 51 members, but no students. Susan Bjornson's student will be the new student representative. Peg Rotstein will be adding new web pages for the division.

#### ***Microbial Control Division***

Michael Brownbridge gave an overview of activities of the division.

#### ***Fungus Division***

Fernando Vega gave an overview of activities of the division.

#### ***Bacteria Division***

Christina Nielsen-Le Roux gave an overview of activities of the division.



### **New Business**

Jean-Louis Schwartz, the Meeting organizer could not attend much of the meeting due to his wife's illness. Mark Goettel and others helped organize the meeting with Jean-Louis's guidance.

### **SIP Finances**

Referring to the decline in SIP's General Fund, President Gelernter suggested that there were 2 ways to improve finances: not spend as much money or raise more money. The latter is preferred and we are soliciting ideas from Council and from the membership.

Cutting costs will be difficult because of new Executive Secretary costs, accounting and legal fees. We can cut student and speaker awards. This year we gave \$1500 for each speaker and next year it will be \$750. President Wendy Gelernter asked for comments but none were made.

### **Journal of Invertebrate Pathology**

The JIP/SIP liaison has been extended. All were encouraged to submit their papers to JIP. Author satisfaction was reported to be very high. Special issues due out include "Crustaceans and Oysters" and "Bee Viruses". Just Vlak invited everyone who had ideas of review articles to submit them to Brian Federici who will give a full report next year.

### **Newsletter – Lee Solter**

Paresh Shah and Judith Pell will be taking over editorship as Lee steps down from her role as editor.

Move to adjourn meeting from Chris Lucarotti, Move was seconded by Peter Krell and the motion was carried unanimously.

## **5 k fun run results**

While 80 registered for the 5-k run, only 48 crossed the finish line. It is thought the 6:30 AM start time may have discouraged some from participating in this year's run!

The winners for each of the categories were:

#### ***Men under 35***

- 1<sup>st</sup> Iain Jeffery
- 2<sup>nd</sup> Onya Opota
- 3<sup>rd</sup> Olivier Morisset

#### ***Women under 35***

- 1<sup>st</sup> Shannon Escasa
- 2<sup>nd</sup> Andrea Dowling
- 3<sup>rd</sup> Jianli Xue

#### ***Men 35-44***

- 1<sup>st</sup> Ali Asaff
- 2<sup>nd</sup> Bergmann Ribeiro
- 3<sup>rd</sup> Rollie Clem

#### ***Women 35-44***

- 1<sup>st</sup> Bryony Bonning
- 2<sup>nd</sup> Michelle Hares
- 3<sup>rd</sup> Marci Adams

#### ***Men 45+***

- 1<sup>st</sup> William Meikle
- 2<sup>nd</sup> Neil Crickmore
- 3<sup>rd</sup> Kenneth Narva

#### ***Women 45+***

- 1<sup>st</sup> A. Lorena Passarelli
- 2<sup>nd</sup> Karen Toohey
- 3<sup>rd</sup> Joan Cossentine

#### ***Men walkers***

- 1<sup>st</sup> Ray Akhurst, Surendra Dara
- 2<sup>nd</sup> James Becnel, Mark Goettel, Christopher Lucarotti
- 3<sup>rd</sup> Angel Aceves Diez

#### ***Women walkers***

- 1<sup>st</sup> Mary Barbercheck, Ann Hajek, Leellen Solter
- 2<sup>nd</sup> Madoka Nakai
- 3<sup>rd</sup> Chie Goto

*Unfortunately there are no photos of the 2007 fun run, if you have any then please send them to the Editors, thanks!*

# Minutes from Division meetings in 2007

## Bacteria Division

Monday August 13, 2007, 20:00

Approximately 20 Division members attended the meeting. The minutes of the 2006 business meeting report were distributed and unanimously approved as-written.

**Symposia and Workshops 2007** organized/ co-organized by the Division in 2007 were:

- 1) 'Mode of actions of toxins' (Jeroen Van Rie & Juan Ferré)
- 2) 'So many strains, so few products! Opportunities and constraints to commercial development of new Bt products' (Ole Skovmand & Trevor Jackson)
- 3) 'To Bt or not to Bt: Do we need an international reference standard Pros, cons and future directions'. (Larry Gringorten & Michael Brownbridge)

### Chairperson's report, including report on SIP Council meeting

The chairperson (Christina Nielsen-LeRoux) mentioned that council would like the number of oral presentations accepted to be reduced starting next year because it caused arrangement problems this year. At the council meeting, council members were concerned about the Society's financial situation as the general funds had fallen by roughly \$20,000 a year. Therefore, council decided to halve the budget for invited speaker travel expenses starting in 2008 (i.e., \$500 instead of \$1,000). However, student travel support would remain the same (\$750). The chair announced that the next year's annual meeting of the SIP would be combined with a 'Bacterial Toxins for Insect Control Symposium', which is part of a European COST Action. The chair also suggested that a proposal may be submitted to council for approval to form a sub-committee to encourage more involvement from Asian researchers.

### Student Travel awards 2007

Two Bacteria Division student travellers (\$500 each) were selected for awards out of ten applicants on the merits of their work.

### Election of new officers

Chairperson Elect: Hyun-Woo Park was elected unanimously.

Secretary/Treasurer: Marianne Pustzai-Carey was elected unanimously.

Member at Large: Jorge Ibarra was elected unanimously.

### Bacteria Division officers 2007-2008

Chairperson – Neil Crickmore (2007 – 2009), University of Sussex, Brighton, UK. Email: n.crickmore@sussex.ac.uk

Chairperson Elect – Hyun-Woo Park (2007 – 2009), Florida A & M University, Panama City, Florida, USA. Email: hyun-woo.park@famu.edu

Secretary/Treasurer – Marianne Pustzai-Carey (2007 – 2009), Case Western Reserve University, Cleveland, Ohio, USA: Email: mxp48@cwru.edu

Member at Large – Jorge Ibarra (2007 – 2009), CINVESTAV, Irapuato, Mexico. Email: jibarra@ira.cinvestav.mx

Member at Large – Ming Sun (2006 – 2008), Huazhong Agricultural University, Wuhan, China. Email: m98sun@mail.hzau.edu.cn

Past Chair – Christina Nielsen-LeRoux (2007 – 2009), INRA, Guyancourt, France. Email: christina.nielsen@jouy.inra.fr

### Committees and representatives

Symposia committee (Christina Nielsen-LeRoux, Jean-Louis Schwartz and Trevor Jackson)

Web site committee (Neil Crickmore, Jean-Louis Schwartz and Colin Berry)

Student travel award committee (Hyun-Woo Park, Marianne Pustzai-Carey and Juan Luis Jurat-Fuentes)

Toxin nomenclature committee (Neil Crickmore)

SIP student award committee representative (Peggy Wirth)

SIP fund raise committee representative (Jeroen Van Rie)

SIP membership committee representative (Juan Luis Jurat-Fuentes)

SIP student affairs committee representative (Onya Opota)

### Symposia Suggestions for 2008

1. Entomopathogenic bacteria other than *Bacillus* (Christina Nielsen-LeRoux and Juan Luis Jurat-Fuentes)
2. Commercialization and manufacturing technology for entomopathogens (Organizer: TBA. This could be a cross-divisional symposium with fungi/nematode/microbial control. The chair will check this possibility with the other divisions (two companies have shown their interest; Kenneth E. Narva, DowAgroSciences and Ramon Georgis, Valent Biosciences)
3. Bacterial control of malaria vectors (Peggy Wirth) – At least one speaker from Valent BioSciences was suggested.
4. Role of spore and bacteria (septicemia) for *Bacillus thuringiensis* activity – Organizer: Brian Federici was suggested.

### Other Business

*Web site:* As Peg Rotstein who has served as the SIP web master will be leaving early next year it was decided that this would be discussed further when her replacement was in post. Changing the design of the division web page using a separate link to the society web page was discussed.

*Meetings:* Participation in the *Bacillus* ACT meeting (*Bacillus cereus* group) was suggested by the chair. The next meeting will be USA, probably September 2008.

*SIP outreach:* John Vandenberg and Alejandra Bravo are leading this initiative. The purpose is to widen SIP's interests and direction to include new topics such as mammalian immunity. Any suggestions were welcomed.

Submitted by:

Christina Nielsen Le-Roux (Chairperson) and Hyun-Woo Park (Secretary/ Treasurer)

## Fungi Division

Monday, August 13<sup>th</sup>, 2007, 20:00

Thirty one members attended the annual business meeting. The minutes of the 2006 business meeting were unanimously approved as-written.

### Symposia and Workshops 2007

There were 27 oral papers and 29 posters contributed by Fungi Division members. In addition, two symposia and one cross-divisional symposium were sponsored:

1. 'Are Entomopathogenic Fungi only Entomopathogens?' ( Mark Goettel and Jacques Brodeur).
2. 'Fungal Secondary Metabolites: Knowns and Unknowns.' ( John Vandenberg, Alice Churchill & Donna Gibson).
3. 'Battling Alien Invaders: Development and use of Entomopathogens to Control Invasive Insect Pests'. Cross-Divisional Symposium (with Microsporidia). (Louela Castrillo).

### Student Travel Awards 2007

Mr. Vitalis Wafula Wekesa from the University of São Paulo, Brazil was the winner of the 2007 Fungi Division Travel Award. His presentation was entitled "Interactions of two natural enemies of *Tetranychus evansi*, the fungal pathogen *Neozygites floridana* (Zygomycetes: Entomophthorales) and the predatory mite, *Phytoseiulus longipes* (Acari: Phytoseiidae)."

The winner of the Chris J. Lomer Memorial Travel Award was a Fungi Division member: Monica Pava-Ripoll, University of Maryland.

### Election of New Officers

Member at Large: Tod Ugine (Cornell University, USA) was elected

Student Representative: Vitalis Wafula Wekesa (University of São Paulo, Brazil) was elected as chair with Renee Jean Pereaault (Michigan State University) and Nick Jessop (Imperial College, UK) as supporting committee members. All three students were to contact Patricia Stock regarding participation.

### Fungi Division Officers 2007-2008

Chairperson: Fernando E. Vega, 2006-2008

Chairperson Elect: Rosalind James, 2006-2008

Secretary/ Treasurer: Helen Roy, 2006-2008

Member at Large: Kerstin Jung, 2006-2008

Member at Large: Todd Ugine, 2007-2009

Student Representative: Vitalis Wafula Wekesa, 2007-2009

### Symposia Suggestions for 2008

Fernando E. Vega asked for ideas. None forthcoming at the meeting but members were invited to e-mail ideas to Fernando.

## Other Business

*Photo Gallery:* This was abandoned due to a lack of interest.

*Web Site Development:* Special thanks to Peg Rotstein for the many updates to the Fungi Division web page.

*Future SIP Meetings:* 2008: Warwick 3-8 August (Dave Chandler, Warwick University delivered an excellent presentation describing this meeting). 2009: North America (probably Park City, Utah, August 16-20 on which Don Roberts gave a short presentation. 2010: Turkey or India.

*An Abridged Glossary of Terms Used in Invertebrate Pathology:* Richard Humber described the glossary, which is now available at the SIP web site. This is the third edition and has been put together by two representatives from each SIP division.

*COST Technical Bulletin: "Arthropod-pathogenic Entomophthorales: Biology, Ecology, and Identification":* Judith Pell described this bulletin which is the output of a 5 year European Science Foundation (ESF) COST action on Entomophthorales. The bulletin is available via the ESF website or through Siegfried Keller (via Jorgen Eilenberg, Judith Pell or Helen Roy). Helen Roy described a CD that accompanies the book and is also available from Siegfried Keller for a small charge and is an excellent teaching aid.

*Hypocrealean Genome Sequence project:* Nemat Keyhani described two recent grant proposals that he had submitted to sequence hypocrealean genomes (*Beauveria bassiana* and *Metarhizium anisopliae*). Both were unsuccessful but one would be resubmitted. Nemat requested letters of support to address panel queries concerned with how many people would benefit from the genome sequence. Fernando E. Vega to supply e-mail addresses for all division members to Nemat.

*Meeting suggestions:* Fernando E. Vega suggested exploring the possibility of organizing a fungal forum in conjunction with the 2009 SIP meeting, similar to the "1<sup>st</sup> International Forum on Entomopathogenic Nematodes and Symbiotic Bacteria" being concurrently held with the SIP meeting. John Vandenberg described how the Nematode Division gained prominence within the SIP programme because of an additional special meeting embedded in the SIP annual meeting. Steve Wraight added that this was how additional nematode symposia had been included. Having a joint meeting with the Mycological Society of America was suggested by Rich Humber but Don Roberts expressed concern that the programme seemed already to be at maximum capacity. John Vandenberg added that lengthening the meeting was not an option but that SIP could benefit from removing the excursion from the timetable. John also described the development of an ad hoc committee to develop SIP Outreach ideas. This could include bringing other societies to the SIP annual meeting. It was moved and seconded that a committee to explore a fungal forum in conjunction with the 2009 meeting would be formed. Don Roberts, Fernando E. Vega, John Vandenberg, and Michael Brownbridge will pursue this effort.

*Phylogeny papers:* Nguya Maniania suggested that citations of recent fungal phylogeny papers should be made available to all division members. Rich Humber described two papers in particular; James, T. Y., *et al.*, (2006) Reconstructing the early evolution of Fungi using a six-gene phylogeny. *Nature* 443:818-822 and Hibbett, D. S., *et al.*, (2007) A higher-level phylogenetic classification of the Fungi. *Mycological Research* 111:509-547. Alice Churchill suggested that we circulate relevant papers via Fernando E. Vega and ultimately via the website when the server is upgraded.

Submitted by:

*Fernando E. Vega (Chairperson)*

## Microbial Control Division

Wednesday Aug 15, 2007, 20:00

The minutes of the 2006 MCD annual business meeting were unanimously approved as-written.

### Symposia and Workshops 2007

Thirty nine contributed papers (and 12 posters) were listed for presentation in five Microbial Control sessions. Three were listed as student presentations. Volunteers to Chair these sessions were solicited from the ranks of the MCD membership.

'Advances in the use of Microbial Agents for Control of Orchard Pests' was the primary MCD-supported symposium, co-sponsored with the Nematode Division.

The MCD decided not to hold a session on 'New Microbial Control Products' at the 2007 meeting. It was proposed instead to hold this every 2-3 years to ensure opportunities to present in North America and elsewhere. In its place, a workshop 'To Bt or not to Bt: do we need an international reference standard? Pros, cons and future directions' was held after the business meeting. The workshop was convened by Larry Gringorten (Canadian Forest Service), Michael Brownbridge serving as moderator. Several MCD members were involved in the session including Gary Benzon (Benzon Research), Wendy Gelernter (Pace Consulting), and Dirk Ave (Valent Biosciences). In addition to facilitating the workshop, the MCD sponsored the 'victuals' out of MCD funds.

### Travel Awards 2007

One request for travel support was received from the organizers of the symposium on microbial control of orchard pests (Lerry Lacey) and an award of US\$500 was provided to support the participation of Claudia Dolinski, a Junior Professor at the Universidade Estadual do Norte Fluminense Darcy Ribeiro near Rio de Janeiro.

Sabino Pacheco Guillén, IBT-UNAM, México, was selected to receive the Student Travel Award (\$500) for his submission 'Single point mutations in the *Manduca sexta* cadherin receptor that affect binding and toxicity of Cry1A toxins'.

## Election of Officers

Nominations were solicited from the floor and elections were carried out by Australian ballot, and the following new officers were elected:

Member at Large (2007-2009) Caroline Hauxwell (Australia)

Secretary/Treasurer (2007-2009), Stefan Jaronski (USA)

Chairperson Elect (2007-2009), Surendra Dara (USA)

### MCD Officers 2007-2008

Chairperson: Paresh Shah (UK) 2007-2009

Chairperson Elect: Surendra Dara (USA) 2007-2009

Secretary/Treasurer: Stefan Jaronski (China) 2007-2009

Member at Large: Sean Moore (South Africa) 2006-2008

Member at Large: Caroline Hauxwell (Australia) 2007-2009

Student Representative: Marcos Faria (Brazil) 2006-2008

### Ex Officio

Chair: Michael Brownbridge 2005-2007

Secretary/Treasurer: Zhengshi Li 2005-2007

Member at large: Richard Meadow 2005-2007

Member at Large: Vince d'Amico 2004-2006

## Other Business

*Membership Dues:* By vote, it was decided to keep the dues at \$2 – the best value in the SIP – for the current year, with a review at the 2008 business meeting.

*Changes to USDA Regulations:* Stefan Jaronski (USDA-ARS) provided an update on impending changes to USDA-APHIS regulations regarding inter-state movement and importation of microbial biocontrol agents.

The meeting was closed at 21:15, and Chair-Elect Paresh Shah assumed responsibilities as Chairperson of the MCD.

Submitted by:

Michael Brownbridge (Chairperson) and Zhengzhi Li (Secretary/ Treasurer)



Outgoing MCD Chair Michael Brownbridge (right) with Michael Bidochka (left) and Ray St Leger (centre)

## Microsporidia Division

Monday, August 13, 2007, 20:15

Fifteen Division members, among them officers D. Oi, D. Goertz, and R. Kleespies, attended the business meeting. The session was chaired by R. Kleespies. The minutes of the 2006 Microsporidia Division business meeting were unanimously approved as-written.

### Symposia and Workshops 2007

1. 'Microsporidia of beneficial and pest insects in greenhouse, nursery and pollination systems' (R. Kleespies and L. Solter).
2. 'Entomopathogens against invasive insects'. Cross Divisional Symposium with Fungi Division. (Louela Castrillo).

### Chairperson's report, including report on SIP Council meeting

The chairperson (R. Kleespies) reported from the SIP Council Meeting that \$750 would be available for division symposia to support the invitation of non-member speakers at the SIP 08 Meeting. If more than one symposium was organized and for cross divisional symposia, the division could apply for additional money from the President's discretionary fund. Moreover, each division would receive \$750 for student travel awards. The SIP Council decided to increase the Martignoni award to \$1000. L. Solter reported from the SIP Council Meeting that J. Vandenberg, B. Arif, and J. Eilenberg had formed an "Outreach Committee" to increase membership. They want to identify scientists working on invertebrates other than insects. When SIP members attend other related meetings, they are asked to mention SIP and encourage colleagues to become members.

### Travel Awards 2007

Two invited symposium speakers were supported with \$500 each towards their travel costs; Sheila Colla, York University, Toronto and Rachel Down, Insect & Pathogen Interactions/EBGC, York, UK. The Cross Divisional Symposium was also supported with \$500.

Oliver Otti was awarded the Microsporidia Division student travel award (\$ 750) for his paper 'The *Nosema* Riddle - Puzzling fitness effects in the bumblebee *Bombus terrestris*'.

### Membership and Financial report 2006-2007

Membership decreased from 54 in 2006 (49 regular and emeritus members, 5 students) to 51 (51 regular and emeritus, no students). The Division's fund balance at the end of the fiscal year, 4/30/2007, was \$2,394.00.

### Election of New Officers

Member at Large: Emma Ormond was elected unanimously.  
Student representative: Taro Saito was elected unanimously.

### Microsporidia Division Officers 2007-2008

Chairperson: Regina Kleespies, Germany (2006 to 2008)  
Chairperson Elect: David Oi, USA (2006 to 2008)  
Secretary/ Treasurer: Dörte Goertz, Austria (2006 to 2008)  
Member at Large: Julia Sokolova, Russia (2006 to 2008)  
Member at Large: Emma Ormond, United Kingdom (2007 to 2009)  
Student representative: Taro Saito, Canada (2007- 2009)

### Symposia Suggestions for 2008

In preparation of the SIP 08 Meeting, R. Kleespies will soon send out a call to Division members for proposals for symposia and a Division workshop.

### Other Business

*Website:* L. Solter, J. Becnel, and G. Hoch have worked intensively on the Division website and updated the information. L. Solter reported that she gave all this information to M. Rotstein who will set the final version into the internet right after the meeting. L. Solter asked the Division members to send scientific photos or photos of people working in microsporidia science for the webpage. L. Solter and J. Becnel agreed to update the website regularly in the future.

*Allocation of Division student travel awards:* It was unanimously decided that the Division would handle the student travel award flexibly depending on the number and quality of applications. If necessary, money from the Division fund would be added to the \$750 from the SIP general fund.

R. Kleespies thanked the Division members and officers for their excellent cooperation and the business part of the meeting was adjourned at 20:45. The chair was handed over to David Oi to lead the Microsporidia Division Workshop: 'Methods of Microsporidia inoculation in the field, a roundtable discussion', where J. Becnel (mosquitoes), L. Solter (gypsy moth), D. Bruck (black vine weevil), and D. Oi (fire ants/ general introduction) presented their work as posters. The workshop refreshments were supported with \$50 from the President's discretionary fund.

Submitted by:

*Regina Kleespies (Chairperson) and Dörte Goertz (Secretary/ Treasurer)*



Microsporidia Division members at the Business Meeting

## Nematode Division

Monday August 13, 2007, 20:00

David Shapiro-Ilan presided over the meeting and approximately 35 people were in attendance. Minutes were recorded by Jim Campbell (Member at Large sitting in for Secretary/Treasurer Ho Yul Choo). Minutes from the 2006 meeting were approved.

### Symposia and Workshops 2007

A total of 38 symposia and contributed oral (9) and poster (9) presentations were made. The Nematode Division held the first 'International Forum on Entomopathogenic Nematodes and Symbiotic Bacteria' (Harry Kaya, Parwinder Grewal, Steve Forst, and David Shapiro-Ilan). There were four special session symposia; 'Symbiosis', 'Virulence', 'Stress Biology and Infection', and 'Ecology' and a Workshop entitled 'Molecules and Morphology: Nematode Systematics in the 21st Century' (Patricia Stock) was also held. In addition the Nematode Division participated in two cross-divisional symposia: 'Advances on microbes in orchards' (Lerry Lacey and Charles Vincent) and 'Current situation on the biological control of turfgrass Insects' (Guy Bélair).

There was general discussion of a number of points related to the forum. Fora or Colloquia by other divisions could impact scheduling of the next EPN Forum and there was some discussion of how frequently to hold the EPN&B forum and how it could fit in amongst other fora. The original proposal was to hold the forum every 3 years and discussion was left at trying for every 3 to 5 years depending on scheduling. The point was raised that it was important to keep the forum with a fundamental emphasis.

### Chairperson's report on the SIP Council Meeting

If publications come out of the forum this year, the publication committee should be informed. JIP should be considered first for publication. SIP gave more money for outside speakers, but council wondered whether it really helped encourage them to become members. Council did not want outside speakers to be invited repeatedly. Discussion on positive aspects of bringing outside speakers ensued. John Vandenberg was Chair of a new *ad hoc* committee on outreach that would function for one year. The goal is to improve the foundation of the SIP membership and to broaden the definition of invertebrate pathology. The chairperson reported that SIP was looking at ways to save money – expenditures have been exceeding income.

### Election of new officers

Member at Large: Susan Bornstein-Forst was elected

### Nematode Division officers 2007-2008:

Chairperson: David Shapiro-Ilan (2006-2008)

Chairperson Elect: Albrecht Koppenhöfer (2006-2008)

Secretary/Treasurer: Ho Yul Choo (2006-2008)

Member at Large: Lerry Lacey (2006-2008)

Member at Large: Susan Bornstein-Forst (2007-2009)

### Symposia Suggestions for 2008

The Division could have two symposia and one cross divisional symposium. Suggested topics included 'Bacteria' since a lot of people in Europe are working in this area (from Patricia Stock), 'Nematode/bacteria symbiosis' and 'molecular genetic mechanisms for physiological processes' (from S. Bornstein-Forst) and 'international perspectives on applied aspects with emphasis on the region where the meeting was being held'. A COST meeting on Bacterial Toxins that will be run in conjunction with SIP 2008 was announced.

### Other Business

*Website:* David Shapiro-Ilan mentioned that the Nematode division website had been updated this year but needed to be revamped and brought into line with the standard SIP format that would apply to all divisions. David Shapiro-Ilan, Albrecht Koppenhöfer and Jim Campbell are serving on a committee to revise the website. When completed it will be sent around to the group for comment – especially for help in filling in missing information.

*Fund Raising:* Dong Woon Lee representing Samsung Everland made a donation to the Nematode Division that was much appreciated. Discussion on different fund raising ideas to support activities such as the student awards ensued. Susan Bornstein-Forst agreed to design a t-shirt for the Division and would send some ideas around to members. Patricia Stock presented the idea of developing educational materials that could be sold, such as posters with nematode life cycles or phylogeny and volunteered to pursue this idea. Also the idea of a cd-rom was presented. Raising dues was discussed but because the dues were recently increased to \$10 hence the consensus was not to raise them again at this time. The importance of using multiple methods of fundraising was discussed. The Treasurer should coordinate getting funds from industry but needed to get approval from Council first.

*Grant Proposal:* Susan Bornstein-Forst and Patricia Stock explained that they were resubmitting a grant to USDA for International Student Education (early 2008 due date). The aim was to help promote international student exchange and would develop five topics of research to fund collaboration internationally. The bulk of the funding supports student exchange between countries. They asked for input from people willing to host a student and their areas of expertise.

Submitted by:

*David Shapiro-Ilan (Chairperson)*

## Virus Division

Monday August 13, 2007, 20:00

The Virus Division Business Meeting was attended by 39 members. The meeting was chaired by the Chairperson Johannes Jehle, and the Secretary/Treasurer Zhihong (Rose) Hu recorded the meeting minutes.

### Symposia and Workshops 2007

There were 40 contributed oral presentations (11 from students) and 50 poster presentations (6 from students). The Virus Division organized two symposia;

1. 'Insect cells and baculoviruses: 'Pas de Deux' (in honour of Bob Granados)
2. 'Baculovirus Bounty' (in honour of Loy Volkman) and one Workshop;
1. 'Polydnavirus Phylogeny and Taxonomy'.

### Student Travel Awards 2007

This year five applications were judged by the Division's Executive Committee. Because of the quality of the applications and with the funds provided by the council three Virus Division Student Travel Awards were made. This year's winners were: Mark Zwart from Wageningen University (The Netherlands), Ikbal Agah Ince from Karadeniz Technical University (Turkey) and Jianli Xue from Miami University (USA). Each student received a \$600 award.

### Membership and Financial report 2006-2007

In 2007 there were 103 regular members and 25 student members. James Maruniak, Basil Arif and Just Vlak, who sponsored Chinese and Turkish students for SIP/Virus Division student memberships, were acknowledged. The financial information was reported by Rose Hu. A motion was carried that the Virus Division would buy a one year \$2,000 CD for supporting student awards.

### Symposia Suggestions for 2008

A considerable amount of time was spent discussing topics for next year's symposia. The members of the Virus Division decided to organize two symposia. The topics chosen were 'Comparative Genomics of DNA Viruses' and 'Bee Viruses'. A workshop on 'Invertebrate Virus Discovery' may also be held during the 2008 business meeting. Cross divisional symposia on 'Molecular Pathogen Host Interaction' and 'Evolutionary and Population Ecology' were also suggested. The Division continues to maintain an updated list of topics from which Symposium titles are selected each year.

### Division Officers and election of new Officers

Chairperson: Johannes Jehle (Germany) (2006-2008)

Chairperson Elect: Bryony Bonning (USA) (2006-2008)

Secretary/Treasurer: Zhihong (Rose) Hu (China) (2006-2008)

Member-at-Large: Rollie Clem (USA) (2006-2008)

Member at Large: Victor Romanowski (Argentina) was unanimously elected (2007-2009)

### Student Representative report

The VD student representative Jondavid de Jong gave an overview of SIP activities for students and encouraged students to take part in these activities. The problem of continuity in student representation was raised, since many students leave the field after graduation. Ikbal Agah Ince (Turkey) was nominated as second student representative for the VD.

Submitted by:

*Rose Hu (Secretary/ Treasurer) and Johannes Jehle (Chairperson)*



*Members of the Virus Division at the Quebec meeting*

## President's Report for 2006/2007

This has been a busy and productive year for SIP that began with our very successful meeting in Wuhan China, and will end with the celebration of SIP's 40<sup>th</sup> anniversary in Québec, Canada. In between those two momentous events, we have seen the advent of new initiatives within SIP, several changes and also some new developments that are important to recognize and reflect upon.

**Thanks:** First, though, I want to begin by thanking the many SIP members who volunteered their time, energy and ideas to the Society. Your Executive Council this term has been energetic and committed in helping to keep SIP financially solvent, to keeping members informed, to supporting our tradition of outstanding annual meetings and to keeping the organization running smoothly. Very special thanks to Wuhan meeting organizers Professor Ziniu Yu, Dr. Zhihong (Rose) Hu, Dr. Ming Sun and the many members of their dedicated and hard working committee for an exciting, memorable, productive and financially successful SIP meeting. An equally outstanding job has been done by this year's meeting organizers, led by Jean-Louis Schwartz, Roland Brousseau, Basil Arif and Mark Goettel. The Divisions of SIP have continued to make important contributions to the meeting program, as well as to the student award process, to Council deliberations and to the content of the SIP website.

Many SIP Committees have been productive this year as well. Particular recognition goes to the Publications Committee, chaired by David Onstad, who completed the "Abridged Glossary of Terms Used in Invertebrate Pathology", a wonderful resource that is now available to the public on the SIP website. The Endowment and Financial Support Committee, under Jim Harper and Pat O'Leary's leadership, has raised an almost record amount for the Society — a real achievement in this age of company consolidation and limited budgets. Our donor companies are listed on the back of the meeting program, so please look out for their representatives in Quebec, and thank them for their generosity and their support of SIP.

**Changes:** This year has also seen several changes within SIP that are worth noting.

**Committee chairs:** Following requests from several long-serving chairs for replacements, I have appointed new committee chairs for the Nominating, Meetings, Awards and Student Contest and Membership Committees. Thanks to outgoing chairs Bob Granados, Mark Goettel, Steve Wraight and Ray Akhurst (respectively) for jobs well done. New chairs are Just Vlak (Nominating), Lerry Lacey (Meetings), Andreas Linde (Awards and Student Contest), and Helen Roy (Membership).

**Council changes:** The Council has welcomed a new member, Bryony Bonning, who took over as Trustee from Bonifacio Magalhaes, who was unable to complete his four year term. Bryony's appointment (2006-2008) was approved by Council via email this fall.

**Meeting program changes:** In a decision made by Council (via email) this fall, we are trying out a new meeting format which, at the request of the Nematode Division, will include an emphasis on entomopathogenic nematodes and their symbiotic bacteria. The efforts of David Shapiro-Ilan, Parwinder Grewal and Harry Kaya to propose and organize this forum are greatly appreciated. An evaluation of the advantages and any disadvantages of this format, as well as an assessment of its applicability to other disciplines will be conducted by Council and the Meetings Committee following the 2007 meeting.

**Newsletter editorship:** Over the past eight years, newsletter editor Leellen Solter, along with assistant editors Gernot Hoch and Vince d'Amico, have succeeded in producing a consistently professional and high quality newsletter that at the same time reflects SIP's friendly and unique culture. Now, after so many years of serving as editor, Leellen has asked to step down from her role, as have her assistant editors. November, 2007 will sadly be their last issue. I want to extend my heartfelt thanks — both personally, and on behalf of the Society — to Lee, Gernot and Vince for their contributions and their commitment. Filling Leellen and company's shoes will be a difficult task, but I am very happy to announce that two very worthy successors have volunteered to take on this important responsibility. Starting November, 2007, SIP's newsletter will be co-edited by the dynamic duo of Judith Pell and Paresh Shah. I am sure that you will be impressed, as I am, with the breadth and depth of their scientific and communications skills, their connection with invertebrate pathologists around the world, and their long-term involvement with, and dedication to SIP.

**A fond farewell to Peg Rotstein:** It has been roughly nine years since Peg Rotstein assumed the role of SIP's Executive Secretary. But since that time, Peg has become much, much more — from our webmaster, to a fount of helpful ideas, to a consistent and steadying hand for each new round of officers and committee chairs. But most of all, Peg has always been a good friend to SIP and to many of its members. And so it is with sadness that I am writing to let you know that Peg, who has recently accepted a wonderful new, full-time job, has asked to step down as Executive Secretary by the end of her contract period in April, 2008. She feels that her new responsibilities, coupled with her rambunctious twin boys, would not leave her sufficient time to devote to SIP. We have several months to identify potential candidates for the Executive Secretary job and to review their qualifications, and Peg has already begun preparing a booklet of standard operating procedures to make her successor's job easier. She has also agreed to assist with the transition in any way she can. I'm sure you will all join me with sincere thanks to Peg for a job well done, and best wishes for a rewarding and enjoyable new job.



## **Finances:**

Donations increase: We have had some extraordinary donations made to the Society this year. The family of Chris Lomer has donated \$10,000 (US) to the Fund bearing his name, which will dramatically expand the support that can be given to insect pathologists in the developing world. The family of Mauro Martignoni has provided us, once again, with their annual contribution of \$1,000 to the fund that bears Dr. Martignoni's name, which enables us to expand even further our travel award program for students. In addition to the wonderful generosity of these two families, companies have continued to support SIP in our annual fund raising drives — support that allows us to keep providing outstanding meetings for our membership. And finally, I want to take special notice of the many donations that SIP members have made to the Endowment, Martignoni or Lomer funds this year. Totalling almost \$2,000, these monies are an important component of SIP's ongoing activities. Likewise, member participation in SIP's six Divisions continues to rise, as evidenced by the increased funds in their treasuries.

General fund decreases: Yet despite these positive developments in fund raising, SIP's General Fund (which is separate from the Divisional, Endowment, Martignoni and Lomer Funds) has been losing money on a consistent basis, and has currently dipped to \$100,000 for the first time in many years. There are several reasons for this decline, including increased spending on student and speaker awards, low investment yields, recent meetings that either lost money or earned very small profits and the increasing cost of doing business in general. While this is not cause for immediate alarm, we cannot continue for too much longer in this direction. The Society's operating expenses for a year are approximately \$50,000, and it would therefore be prudent for us to maintain a minimum of \$100,000 in our General Fund. Options for dealing with this situation include expanded fund-raising, cutbacks in our spending, increases in membership fees and/or increases in meeting registration. At this year's Council meeting, we will discuss these and other options, and will develop a plan of action to present to the membership for their consideration.

## **Building for the future:**

In addition to identifying a new Executive Secretary and developing strategies to keep SIP's finances as healthy as possible, there are several additional activities that were begun this year that will help SIP build for the future:

New initiatives: We have several new initiatives in the form of three special ad-hoc committees that I have appointed this year: the History Committee, chaired by Betty Davidson, the Student Affairs Committee, chaired by Patricia Stock, and an SIP Outreach Committee, chaired by John Vandenberg. Taken together, these initiatives will hopefully help SIP's activities and influences to grow in several directions — by honoring and building on the contributions of past members, by developing services and programs that attract and retain our younger student members, and by expanding our programs and membership to include scientists from other, related disciplines.

Elsevier relationship: With Brian Federici serving as liaison, our

relationship with SIP's publisher, Elsevier, continues to strengthen. The second annual SIP Special Symposium Issue was recently published in the Journal of Invertebrate Pathology, and Elsevier has indicated an interest in continuing this tradition, as well as an option to consider even additional special issues. Earlier this year, we arranged to utilize the back cover of JIP to place full-page advertisements for the Society; we began by highlighting the Quebec meetings, and will continue this fall to advertise other aspects of the Society's activities.

Membership: With new chair Helen Roy at the helm, the Membership Committee developed a mass mailing to several hundred lapsed SIP members, which resulted in several new memberships. Our current tally of 540 members represents the highest membership levels since 2001. The Committee's further activities during 2007/08 should help to increase these numbers even further.

E-voting debut: While chair Just Vlak and his Nominating Committee have been hard at work identifying the 2008 slate of candidates, Peg Rotstein has been working to implement our first ever electronic vote for the spring, 2008 election. This should be a major improvement over the paper ballots of the past, and will hopefully make it easier for more SIP members to cast their ballots.

Upcoming meetings: The beautiful and historic location of Warwick, United Kingdom has been approved for our 2008 meetings and will be organized under the able leadership of David Chandler and Doreen Winstanley. I look forward to SIP's return to Europe and to yet another stimulating and enjoyable meeting. Lerry Lacey's Meetings Committee have already received proposals for 2009 and 2010, so we are in good shape in terms of meeting planning.

Streamlining and documenting procedures: Many of SIP's procedures and policies — from fund-raising, to meeting program development, to student awards, to the timing of key events during the year — have been handed down orally over the years. As a result, there is no one place to go when questions arise, and as a result, much unnecessary time is spent in "re-inventing the wheel", or trying to determine what the appropriate procedures are. During the last year, I have begun the process of collating a written set of procedures that can be amended as necessary, that will serve to guide Council, Divisions, Meeting organizers and Committee Chairs. David Shapiro-Ilan has agreed to lead the effort to characterize procedures involved in obtaining and dispersing divisional funds, and I will be calling on other SIP members over the course of this year to contribute their expertise to this process as well.

With these many exciting activities under way, I look forward to the second year of my presidency, and to working with many of you to make SIP a society that continues to serve its membership with professionalism and a commitment to excellence.

*Wendy Gelernter*

# SIP Council Meeting Reports for 2007

## Executive Secretary's Report

Over the past year, I have performed my contractual duties as executive secretary including the following:

- Printed, mailed and posted online 3 newsletters and one supplement
- Maintained the membership database
- Mailed and emailed 2 renewal reminders
- Maintained the bank accounts including 6 division accounts, and 3 funds
- Worked with our treasurer and tax preparer to submit annual income tax forms
- Produced financial and membership reports for the treasurer and all divisions
- Produced tables and graphs for membership report
- Received and answered emails and letters from members and officers
- Arranged the mid-year council meeting via phone conference call
- Maintained and updated SIP website, including:
  - Posting job announcements
  - Updating Newsletters and Newsletter information
  - Updating Officers and Committees information
  - Made PDF version Membership Directory available on SIP website
  - Put abstracts from Wuhan Meeting online on SIP website

In addition to my contractual duties:

- Updated Virus Division pages on the SIP website
- Updated the MCD pages on the SIP website
- Updated Lomer Award pages on the SIP website
- Further work on credit card acceptance for Wuhan, China meeting, kept accounts for those payments as well as transferred funds to meeting account in China (this work was financially compensated by SIP)
- Made "An Abridged Glossary of Terms Used in Invertebrate Pathology" publicly available on the SIP website

### Suggestions for Improvement:

I am suggesting to council that SIP move its website from The Center for Integrated Pest Management at NC State University to a shared hosting environment such as Crystaltech.com.

We have generously received free web hosting from CIPM but with the changes in web technology, we need a more accessible and up-to-date host. A new web host will give us more capabilities to serve

documents, to leverage new technologies for serving dynamic web pages, implement stronger security and have better access to our files. The cost will be approximately \$17 per month.

### Thanks and Farewell:

This will be my last Executive Secretary report for SIP. I will be stepping down at the end of my contact in April 2008. Over the last 10 years I have had the unique opportunity to work with some of the finest people I have ever known. Working for SIP has been much more than a job for me, but a family of friends and colleagues. In many ways, I feel like I have grown up in SIP from a student to a professional. Starting in September, I will be working full-time for the US government agency, NOAA (the National Oceanic and Atmospheric Administration). I will be the systems architect for the marine mammal stranding program providing databases and Internet applications for the agency. The demands of my new job and raising my twin boys will be too much for me to adequately serve the needs of SIP, so I sadly say goodbye to a wonderful organization.

Even though I will miss my colleagues and friends in SIP, I am looking forward to this new challenge and to starting a new phase in my life. Thank you for the support, guidance, and encouragement you have provided me during my time as Executive Secretary. To the SIP presidents, treasurers, secretaries and newsletter editors I have worked so closely with, I give special thanks for working with me through the years.

As always, please feel free to contact me ([sip@sipweb.org](mailto:sip@sipweb.org)) with questions or comments. I will be available to help SIP make a smooth transition to a new manager or managing organization.

Farewell to all my friends in SIP,

*Peg Rotstein, Executive Secretary*

## Treasurer's report

The Society's financial statements for the fiscal year ending April 30, 2007 are shown in Exhibits A (assets sheet), B (revenue and expenses), C (board designated funds), and D (accompanying notes). At the end of the fiscal year our assets were held in a money market account and four 1-year CDs totalling \$34,000 maturing April, 2008.

These are broken down as follows and as shown in Exhibit D notes 2 and 3: \$9,000 (Endowment Fund); \$4000 (Chris Lomer Fund); \$18,000 (Martigoni Fund); \$3000 (Microbial Control). A 1-year CD in the amount

of \$25,000 was purchased on 5/2/2007 out of the General Fund as indicated in Exhibit D and is technically part of FY2008.

Total CD's currently held by the Society therefore total \$59,000. Funds have been invested in CDs with a one year time frame in order to facilitate accounting and to allow flexibility during unpredictable interest rate fluctuations.

Society revenues for the fiscal year were \$129,749.76 and expenses totalled \$146,458.94, which includes meeting revenues and expenses (Exhibit B), for a net loss of \$16,709.18.

The net loss is attributable primarily to spending increases for meeting speakers and student travel and a small profit from the 2006 meeting held in China. Spending for speakers and students for the China meeting was \$16,223.50 compared to \$21,897.58 for the previous year. Net profits from the China meeting were \$5,855.76, including corporate donations.

Income from membership dues was \$15,388 compared to \$15,914 for fiscal year 2006. Revenue from contributions and interest decreased by \$195 and \$385.79, respectively.

Expenses for the newsletter and supplies were \$1939.73 and \$357.52 for fiscal year 2007. These expenses have been reduced by use of the Society website for publishing newsletters, emailing members and renewing memberships. This saving has been considerable for costs in printing and mailing; both of which have increased over the past years.

We should continue to use our website to outreach to new members and to provide all members easy access to Society resources. Charges for our accounting service in Tennessee were \$3454.15 for this fiscal year.

The activities of Board Designated Funds (Divisions, Endowment, Chris Lomer, and Martignoni Funds) are shown in Exhibit C.

Our total assets are \$158,162.28\* which is down from \$179,533 last year (Exhibit A). The Society has been losing money over the past several years (due primarily to some of the reasons given above). Serious consideration should be given to the amount of reserves the Society needs to maintain and explore options on how best to achieve this objective.

*Respectfully submitted by James J. Becnel, Treasurer*

**Note: Exhibits referred to in text are on the following pages)**

NOTES:

\*On the difference between the Fund balance and the comparative statement (Exhibit A). There are two reasons why the discrepancy exists. The first has to do with accrual based accounting (which is how the comparative statement is calculated, and which accounts for money that we owe that hasn't been paid out yet and money that is owed to us that we haven't received) vs. cash based accounting (which is how the fund balance is calculated, and which simply adds up all of the money currently in our hands). Looking at the comparative statement, which shows \$158,162 in assets (based on accrual accounting), we can try to calculate what the cash amount would be by subtracting any money that we owe (\$5562 to Elsevier) and any money that is owed to us (none that I can tell). When we do this calculation, we come up with \$152,600. This reduces the discrepancy with the fund balance to \$1250 (\$153,850-\$152,600). To find out where the \$1250 difference comes from, we can look at the second reason for the discrepancy. This appears to be that our accounting package (Quickbooks) does not automatically calculate the balances for each of the funds (General fund, virology, microbial control, endowment, etc. etc.). As a result, Peg makes manual calculations to try to determine what each fund balance is.

Because it is a complex process, there may be errors in these manual calculations. Until we can find a way for the accounting package to calculate fund balances, we will probably always be stuck with a small difference (\$1250 this year).

**2006 Meeting Financials (All income and expense for 2006 Meeting recorded from 9/15/2005 - 4/30/2007**

		<u>TOTAL</u>
Includes accounting from China		
Income		
	<b>410 - Meeting 2006</b>	
	411 - Registration	73,912.74
	412 - Meeting test	1.00
	413 - Sponsorship	18,563.92
	415 - Seed Money received	5,000.00
	410 - Meeting 2006 - Other	<u>10,000.73</u>
	<b>Total 410 - Meeting 2006</b>	<u>107,478.39</u>
	<b>Total Income</b>	107,478.39
Expense		
	<b>630 - Meeting Exp 2006</b>	
	632 - Seed money wired to China	5,000.00
	633 - Transportation	3,233.14
	634 - Catering	29,070.98
	636 - Web Services	2,176.61
	650 - Equipment	858.80
	651 - Facilities	13,960.60
	652 - Supplies	12,328.74
	653 - Off-Site Events	28,941.78
	654 - Abstract Book	5,683.25
	655 - Miscellaneous	338.73
	630 - Meeting Exp 2006 - Wire transfer	<u>30.00</u>
	<b>Total 630 - Meeting Exp 2006</b>	<u>101,622.63</u>
	<b>Total Expense</b>	<u>101,622.63</u>
<b>Net</b>		<b>5,855.76</b>

**EXHIBIT A**

	<b>FUND BALANCE</b>	
	<u>30/04/2006</u>	<u>30/04/2007</u>
General and Administrative	\$ 121,287.38	\$100,083.01
Virology	\$ 3,275.00	\$ 3,275.00
Bacteria	\$ 937.30	\$ 1,023.30
Microsporidia	\$ 2,169.00	\$ 2,394.00
Microbial Control	\$ 5,533.33	\$ 5,952.16
Fungi	\$ 1,454.00	\$ 1,935.00
Nematode	\$ 3,059.00	\$ 3,498.00
Endowment	\$ 9,597.70	\$ 9,712.76
Martignoni	\$ 18,195.00	\$ 20,383.70
Chris Lomer	\$ 5,380.24	\$ 5,593.84
<b>TOTAL</b>	<b>\$ 170,887.95</b>	<b>\$153,850.77</b>

**SOCIETY FOR INVERTEBRATE PATHOLOGY**  
**COMPARATIVE STATEMENT OF FINANCIAL POSITION**  
**FOR PERIODS ENDED MAY 1, 2006 THROUGH APRIL 30, 2007**

**ASSETS****Current Assets****Checking/Savings**

100 - Checking	124,144.76
110 - CD	<u>34,000.00</u>

**Total Checking/Savings** 158,144.76

**Other Current Assets**

150 - Accrued Interest 17.52

**Total Other Current Assets** 17.52

**Total Current Assets** 158,162.28

**TOTAL ASSETS**

**158,162.28**

**LIABILITIES & EQUITY****Liabilities****Current Liabilities****Other Current Liabilities**

201 - JIP - Payable	
202 - Canadian Tax for JIP	18.79
201 - JIP - Payable - Other	<u>5,543.41</u>

**Total 201 - JIP - Payable** 5,562.20

**Total Other Current Liabilities** 5,562.20

**Total Current Liabilities** 5,562.20

**Total Liabilities** 5,562.20

**Equity**

390 - Retained Earnings 169,309.26

**Net Income** -16,709.18

**Total Equity** 152,600.08

**TOTAL LIABILITIES & EQUITY** **158,162.28**

**EXHIBIT B****SOCIETY FOR INVERTEBRATE PATHOLOGY****COMPARATIVE STATEMENT OF ACTIVITY FOR FISCAL YEAR 2007 (MAY 1, 2006 THROUGH APRIL 30, 2007)****2007 Activity**

<b>REVENUE</b>	<b>General Fund</b>	<b>Board Designated Funds (Schedule 1)</b>	<b>TOTAL Year ending 4/30/07</b>	<b>TOTAL Year ending 4/30/06</b>
Membership Dues (See Note 1)	\$ 12,270.00	\$ 3,118.00	\$ 15,388.00	\$ 15,914.00
2006 Annual Meeting Income**	\$ 107,477.39	\$ -	\$ 107,477.39	\$ -
2005 Annual Meeting Income	\$ 140.00	\$ -	\$ 140.00	\$ 152,956.15
Contributions	\$ 108.00	\$ 2,982.00	\$ 3,090.00	\$ 3,285.00
Interest (See Note 2)	\$ 2,323.18	\$ 1,205.19	\$ 3,528.37	\$ 3,914.16
T-Shirt Sale - MCD	\$ -	\$ -	\$ -	\$ 60.00
Publication Handling Fees	\$ 126.00	\$ -	\$ 126.00	\$ 152.00
Refund from Meeting Speaker	\$ -	\$ -	\$ -	\$ 350.00
<b>TOTAL REVENUE</b>	<b>\$ 122,444.57</b>	<b>\$ 7,305.19</b>	<b>\$ 129,749.76</b>	<b>\$ 176,631.31</b>

<b>EXPENSE</b>				
Postage and Delivery	1,082.55	\$ -	\$ 1,082.55	\$ 746.38
Newsletter - Printing, Mailing and Supplies	1,939.73	\$ -	\$ 1,939.73	\$ 980.00
Supplies and Duplicating	357.52	\$ -	\$ 357.52	\$ 693.11
Office Equipment	327.73	\$ -	\$ 327.73	\$ 173.71
Accounting Services	3,454.15	\$ -	\$ 3,454.15	\$ 942.55
Internet Services (connection/backup)	483.34	\$ -	\$ 483.34	\$ 206.53
Secretariat (Peg's Salary)	11,800.80	\$ -	\$ 11,800.80	\$ 10,548.00
Web Master Services	\$ -	\$ -	\$ -	\$ 280.00
Telephone/Conferencing	584.19	\$ -	\$ 584.19	\$ 817.18
Certificates and Plaques	1,045.00	\$ -	\$ 1,045.00	\$ -
Awards - Speaker and Student Travel	5,873.50	\$ 10,350.00	\$ 16,223.50	\$ 21,897.58
Credit Card Charges	1,984.17	\$ -	\$ 1,984.17	\$ 1,464.62
Bank Account Fees	210.00	\$ -	\$ 210.00	\$ 116.14
2007 Meeting Expenses	10,000.00	\$ -	\$ 10,000.00	\$ 147,424.00
2006 Meeting Expenses**	96,922.58	\$ -	\$ 96,922.58	\$ 5,000.00
Miscellaneous Expense	\$ 43.68	\$ -	\$ 43.68	\$ 6.94
<b>TOTAL EXPENSE</b>	<b>\$ 136,108.94</b>	<b>\$ 10,350.00</b>	<b>\$ 146,458.94</b>	<b>\$ 191,296.74</b>

<b>Net Revenue Before Fund Transfers</b>	<b>\$ (13,664.37)</b>	<b>\$ (3,044.81)</b>	<b>\$ (16,709.18)</b>	<b>\$ (14,665.43)</b>
<b>Fund Transfers</b>				
Endowment Fund Transfer	\$ 360.00	\$ (360.00)	\$ -	\$ -
Speaker Fund Transfer	\$ (9,000.00)	\$ 9,000.00	\$ -	\$ -
Student Travel Fund Transfer	\$ (4,500.00)	\$ 4,500.00	\$ -	\$ -
Speaker Fund Transfer - refund	\$ 3,500.00	\$ (3,500.00)	\$ -	\$ -
Student Travel Fund Transfer - refund	\$ 2,100.00	\$ (2,100.00)	\$ -	\$ -
<b>Net Revenue After Fund Transfers</b>	<b>\$ (21,204.37)</b>	<b>\$ 4,495.19</b>	<b>\$ (16,709.18)</b>	<b>\$ (14,665.43)</b>

\*See Exhibit C for calculations

\*\* See Exhibit E on page 19

## EXHIBIT C

**SOCIETY FOR INVERTEBRATE PATHOLOGY**  
**BOARD DESIGNATED FUND REVENUE AND EXPENSE**  
**FOR PERIODS ENDED MAY 1, 2006 THROUGH APRIL 30, 2007**

**Schedule 1**

	<b>Virology</b>	<b>Bacteria</b>	<b>Microsporidia</b>	<b>Microbial Control</b>	<b>Fungi</b>	<b>Nematode</b>	<b>Endowment</b>	<b>Martignoni</b>	<b>Chris Lomer</b>	<b>Total</b>
<b>REVENUE</b>										
Membership Dues										
Contributions	\$ 1,028.00	\$ 586.00	\$ 230.00	\$ 354.00	\$ 481.00	\$ 439.00	\$ -	\$ -	\$ -	\$ 3,118.00
Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105.00	\$ 2,348.00	\$ 529.00	\$ 2,982.00
Total Revenue	\$ -	\$ -	\$ -	59.83	\$ -	\$ -	\$ 370.06	\$ 590.70	\$ 184.60	\$ 1,205.19
Total Revenue	\$ 1,028.00	\$ 586.00	\$ 230.00	\$ 413.83	\$ 481.00	\$ 439.00	\$ 475.06	\$ 2,938.70	\$ 713.60	\$ 7,305.19
<b>EXPENSE</b>										
Speaker Awards	\$ 2,250.00	\$ 1,250.00	\$ 500.00	\$ -	\$ -	\$ 1,500.00	\$ -	\$ 750.00	\$ 500.00	\$ 6,750.00
Student Travel Award	\$ 350.00	\$ 1,250.00	\$ 750.00	\$ 500.00	\$ 750.00	\$ -	\$ -	\$ -	\$ -	\$ 3,600.00
Total Expense	\$ 2,600.00	\$ 2,500.00	\$ 1,250.00	\$ 500.00	\$ 750.00	\$ 1,500.00	\$ -	\$ 750.00	\$ 500.00	\$ 10,350.00
<b>Net Revenue Before Fund Transfers</b>	<b>\$(1,572.00)</b>	<b>\$(1,914.00)</b>	<b>\$ (1,020.00)</b>	<b>\$ (86.17)</b>	<b>\$ (269.00)</b>	<b>\$(1,061.00)</b>	<b>\$ 475.06</b>	<b>\$ 2,188.70</b>	<b>\$ 213.60</b>	<b>\$(3,044.81)</b>
<b>FUND TRANSFERS FROM GENERAL FUND</b>										
Fund Transfer for Speaker Awards	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -	\$ -	\$ -	\$ 9,000.00
Fund Transfer for Student Awards	\$ 750.00	\$ 750.00	\$ 750.00	\$ 750.00	\$ 750.00	\$ 750.00	\$ -	\$ -	\$ -	\$ 4,500.00
Fund Refund for unused awards	\$ (350.00)	\$ (250.00)	\$ (1,000.00)	\$(1,750.00)	\$(1,500.00)	\$(750.00)	\$ -	\$ -	\$ -	\$ (5,600.00)
Endowment Fund Transfer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (360.00)	\$ -	\$ -	\$ (360.00)
Total Fund Transfer	\$ 1,900.00	\$ 2,000.00	\$ 1,250.00	\$ 500.00	\$ 750.00	\$ 1,500.00	\$ (360.00)	\$ -	\$ -	\$ 7,540.00
<b>Net Revenue After Fund Transfers</b>	<b>\$ 328.00</b>	<b>\$ 86.00</b>	<b>\$ 230.00</b>	<b>\$ 413.83</b>	<b>\$ 481.00</b>	<b>\$ 439.00</b>	<b>\$ 115.06</b>	<b>\$ 2,188.7</b>	<b>\$ 213.60</b>	<b>\$ 4,495.19</b>

## EXHIBIT D

**SOCIETY FOR INVERTEBRATE PATHOLOGY**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR PERIODS ENDED MAY 1, 2006 THROUGH APRIL 30, 2007**

<b>Note 1: Membership Dues</b> (previous; current)	<b>2006</b>	<b>2007</b>
Virology (111@\$2, 111@\$10; 9@\$2, 101@\$10)	\$ 1,132.00	\$ 1,028.00
Bacteria (85@\$2; 27@\$10; 88@\$2, 41@\$10)	\$ 440.00	\$ 586.00
Microsporidia (54@\$5 ; 46@\$5)	\$ 270.00	\$ 230.00
Microbial Control (188@\$2; 177@\$2)	\$ 376.00	\$ 354.00
Fungi (118@\$2; 13@\$2, 91@\$5)	\$ 236.00	\$ 481.00
Nematode (1@\$3, 54@\$5, 6@\$2; 7@2, 13@\$5, 36@\$10)	\$ 285.00	\$ 439.00
<b>TOTAL</b>	<b>\$ 2,739.00</b>	<b>\$ 3,118.00</b>

## EXHIBIT D (continued)

**SOCIETY FOR INVERTEBRATE PATHOLOGY**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR PERIODS ENDED MAY 1, 2006 THROUGH APRIL 30, 2007**

**Note 2: Interest and Investments**

Investments owned by SIP

	CD LEHMAN BROS BANK		CD SOVEREIGN BANK	CD BANCO POP PUERTO RICO	CD FNB OMAHA	CD CIT BANK	CD TOWN & CTRY BANK NV
	PENDING	Interest Earned*	PENDING	PENDING	PENDING	PENDING	PENDING
<b>Society Operations:</b>							
Cost	\$21,365.97	\$ 904.64	\$ 25,000.00				
Maturity Date	01/03/2007		02/05/2008				
Interest Rate	4.00%		4.90%				
<b>Endowment Fund:</b>							
Cost	\$ 9,251.53	\$ 370.06		9,000.000			
Maturity Date	01/03/2007			21/04/2008			
Interest Rate	4.00%			4.80%			
<b>Chris Lomer Fund</b>							
Cost	\$ 4,615.07	\$ 184.60			\$ 4,000.00		
Maturity Date	01/03/2007				21/04/2008		
Interest Rate	4.00%				4.80%		
<b>Martignoni Fund</b>							
Cost	\$14,767.43	\$ 590.70				\$ 18,000.00	
Maturity Date	01/03/2007					25/04/2008	
Interest Rate	4.00%					4.85%	
<b>Microbial Control Division</b>							
Cost**							\$ 3,000.00
Maturity Date							25/04/2008
Interest Rate							4.75%
<b>TOTAL VALUE</b>	<b>\$50,000.00</b>	<b>\$ 2,050.00</b>	<b>\$ 25,000.00</b>	<b>\$ 9,000.00</b>	<b>\$ 4,000.00</b>	<b>\$ 18,000.00</b>	<b>\$ 3,000.00</b>

\* Dividends paid 9/1/2006 and 3/1/2007

## Endowment and Financial Report

### I. General:

Members of the Committee during the year included Jim Harper and Pat O'Leary, Co-Chairs, and Jürg Huber and Michael Dimmock.

### II. Corporate donations:

Table 1. Corporate donations requested and received in 2007

Company	Amount, \$
Agraquest	200
Bayer Crop Science	1,000
Bayer Bioscience	1,000
Becker Microbial Products	500
BioLogic	500
Certis	500
Dow	1000
Monsanto	1000
Pioneer	1000
Syngenta	1500
Taylor & Francis	500
Valent	1000
<b>Total</b>	<b>9700</b>

Several companies donated generously to support our Society and our meeting for 2007. They will be recognized in our program and should be given recognition during our opening session and during our final business meeting. The Local Arrangements Committee should display their logos and names in a conspicuous location during the meetings with an expression of appreciation. There were additional local or specialized corporations and organizations that made donations to the local arrangements committee and to the organizers of the Nematode Forum held in conjunction with the SIP 2007 meeting, and these will be recognized in the reports from those respective committees or groups. If known at the time of publication, they were included by this committee in the list of sponsors and logos on the back cover of the 2007 program.

### III. Chris Lomer Memorial Fund:

The Chris Lomer Memorial fund was initiated in 2002 to provide grants that support travel to SIP meetings for invertebrate pathologists working in the developing world. The fund principal grew through additional contributions this year and interest earnings increased, but are still well below the amount required to fund the \$500 award approved by Council as the annual award amount (see Table 2). Per actions of the 2005 Council, the \$500 travel award to the 2007 Quebec meetings was made by supplementing earnings with Society general funds. The second recipient has been named per a separate report to Council from the Lomer Memorial Award Committee. It is anticipated that the fund will continue to grow through donations from members and earnings from interest.

### IV. Endowment and Martignoni Funds:

The SIP Endowment earned \$370.06 as compared to \$306.07 in the previous year. The SIP Endowment earnings were used to pay membership dues for 12 individual members for a total cost of \$360. These members would otherwise not have been able to maintain their memberships due to costs, difficulty in foreign exchange or other credible problems.

The Martignoni Student Travel Award Endowment earned \$590.70 as compared to \$475.64 in the previous year. The Endowment allowed payment of 79% of the \$750 award for student travel to the 2007 meeting that previous Councils agreed upon as the permanent award, the difference being paid from the Society's general fund per Council agreement. The Martignoni family again made a generous \$1000 donation to the Endowment in 2007 and President Gelernter sent a letter of appreciation. This endowment provides support for a student to attend the Society's annual meetings and the awardee is chosen by committee from all applications received (see Awards and Student Contest Committee report for awardee information).

The principal in each of these funds continues to grow through donations from members, particularly so for the Martignoni Student Travel Award Endowment. Interest rates allowed the general Endowment fund to cover its expenses entirely for the first time since the drop in interest rates in the early 2000's. Earnings in each endowment increased significantly over the previous year due to somewhat better CD earning rates. With current interest rates being earned on both the General Endowment Fund and the Martignoni Fund, each should be able to cover the amounts awarded to members in the 2007-2008 accounting year.



**Table 2. Interest vs. donations for year 5/1/06 - 4/30/07**

	Endowment	Martignoni	Lomer
4/30/06 balance	9,597.70	18,195.00	5,380.24
Donations	105.00	2348.00	529.00
Interest (~0.7%)	370.06	590.70	184.60
Expenses	(360.00) <sup>1</sup>	(750.00) <sup>2</sup>	(500) <sup>3</sup>
4/30/07 balance	9712.76	20,383.70	5,593.84
<b>Net change (2007 balance - 2006 balance)</b>	<b>115.06</b>	<b>2,88.70</b>	<b>213.60</b>

**NOTES:**<sup>1</sup> \$360 expense for 12 endowed memberships<sup>2</sup> \$750 expense for Martignoni student award<sup>3</sup> \$500 expense for Lomer travel award**V. Recommendations for 2007/2008**

The entire principal of each of the three endowments should be invested in CD's. Current interest rates in the range of 5% will provide sufficient earnings on both the General Endowment and the Martignoni Student Travel Award endowment. Locking in on a long term CD would guarantee the Society General Fund would no longer need to subsidize these whether the interest rates go up or down. For the Lomer Endowment, it would provide a known income and allow projected need for budgeting from the General Fund to be more predictable.

Special efforts should be made to grow the Chris Lomer Memorial Fund. An initial goal of \$10,000 should be set this year, and a special plea made to members to consider donating to this prior to or along with the notice for dues payment for 2008. Reaching this level of principal would relieve the General Fund of any required subsidies for the three endowments if earnings remain at or above 5%.

*Respectfully submitted by Jim Harper and Pat O'Leary*

**Audit of the Treasurer's Report for Fiscal Year 2006-2007**

The treasurer's report appears to be generally accurate and in order. However, as noted in the treasurer's report, there is a slight discrepancy of approximately \$1250 between the Fund balance and the comparative statement (Exhibit A). This appears to be due to pending financial transactions between El-sevier and the Society.

The Society is in good shape financially even though there was a decrease in total assets from \$179,533 last year to \$158,162 this year. The Society should seek to break even or produce a net annual gain in assets, as has occurred in 2001-2003, and 2005. The China meeting produced a profit of \$5,855 for the society, which is somewhat lower than in previous years. General membership dues decreased slightly from \$15,914 in 2005/06 to \$15,388 in 2006/07. Newsletter costs continue to be low (\$1939) due to the use of the Society website for publishing the newsletter. Division funds continue to be healthy.

In FY 2006, funds (FY 2006, \$15914; FY 2007, 15914) from memberships decreased slightly. The Society should continue efforts to maintain and attract new members, both student and full.

In summary, although the Society maintains over \$150,000 in assets, efforts should be made to return to annual net financial gain observed in some of the previous years.

*Audit Committee: Stefan Jaronski and Mary Barbercheck*

**COMMITTEE REPORTS****Meetings Committee**

The 39th Annual Meetings, 9<sup>th</sup> International Colloquium on Invertebrate Pathology and the 8<sup>th</sup> International Conference of *Bacillus thuringiensis* were held in Wuhan, China. More than 400 persons from 33 countries attended. More details can be found in the Wuhan Report. The Committee is very grateful to Dr. Yu Ziniu and his team for the organization of an excellent meeting both scientifically and socially. All participants enjoyed Wuhan's hospitality and the exotic venue.

All is set for the 40<sup>th</sup> Annual Meeting and the 1<sup>st</sup> International Forum on Entomopathogenic Nematodes and Symbiotic Bacteria. This is the first time that we have departed from our normal annual meetings, and every second year conference of Bt with this Nematode Forum. We thank David Shapiro-Ilan and his team for the great effort he has put into organizing this. We also thank Jean-Louis Schwartz and his team for the great effort that they are making in accommodating this. If successful, the Committee, in consultation with Council will study if such "Fora" should be encouraged in future years. More information is available in the Quebec Report.

The Committee has recommended to Council for approval of a Coventry, UK venue at the University of Warwick for 2009 with Doreen Winstanley and David Chandler co-chairing the Orga-

nizing Committee. This proposal will be further discussed at the Quebec City Council Meeting and if approved, will be further presented at the Business Meeting by Dave Chandler. The Committee expects to interact frequently with the Warwick Organizing Committee in the coming months.

Thus far, we have two pre-proposals for the 2009 meeting from John Vandenberg (Ithaca, New York) and Don Roberts (Park City, Utah). Some interest has also been expressed to the meetings committee for having the 2009 meeting in Western Canada.

We have two pre-proposals for meeting sites in 2010. Dr. Zihni Demirbag has proposed hosting the meeting in Turkey at the Karadeniz Technical University in Trabzon. Six members of SIP: Jorgen Eilenberg, Basil Arif, Harry Kaya, Ole Skovmand, Andreas Linde and Just Vlæk recently attended the First Symposium on Invertebrate Pathology and Microbial Control in Turkey in Trabzon. The meeting was organized by Dr. Demirbag. They provided a brief report on the meeting site. The report is available from Lerry Lacey or Just Vlæk upon request. Dr. G. Gujar has also expressed interest in hosting the 2010 meeting in New Delhi India. Both Dr. Gujar and Dr. Demirbag have received meetings guidelines. Jorgen Eilenberg pointed out a potential conflict with the 2010 meeting. Copenhagen will host a major conference on social insects, IUSSI 2010 around the time we normally hold our meeting. The organization of the meeting involves Jorgen's team. It will be held Aug 8-14. The meeting will attract scientists from insect pathology. It would be wise, if the SIP 2010 meeting is not held exactly in that week.

The Committee awaits written proposals for the 2010 meeting and solicits your views and suggested venues for the 2009 and 2010 meetings and beyond.

The approved and tentative sites for SIP Meetings through 2011 are as follows:  
2008<sup>2</sup> U.K. Warwick in planning stage.

2009 North America, East or West? Suggestions and proposals solicited from J. Vandenberg, D. Roberts and Basil Arif.

2010<sup>1, 2</sup> Suggestions solicited. Verbal offers for Turkey and New Delhi have been received.

2011 Open

<sup>1</sup> International Colloquium

<sup>2</sup> International Conference on *Bacillus thuringiensis*

The Committee has prepared a Draft Meetings Guide. The Committee will solicit comments from Council, as well as past, present and future Meeting's Chairs for their input on an ongoing basis, making this a "living document".

Due to the election of past Chair, Mark Goettel as president-elect, Lerry Lacey was appointed by President Gelernter on June 15, 2007 as chair of the Meetings Committee. Mark Goettel officially rotated off of the committee, but will stay on in an ex-officio capacity to assist transition. Kelli Hoover was appointed as the newest committee member. Brian Federici and Flavio Moscardi will remain on the Meetings Committee.

*Respectfully submitted by Lerry Lacey, Chair*

## Awards and Student Contest Committee

### New Business in 2007

After the SIP meeting in Wuhan, China, the Chair of the Awards and Student Contest Committee, Dr. Stephen Wraight, wished to step down from this position. The President of SIP, Dr. Wendy Gelernter, appointed Dr. Andreas Linde as Chair of the Committee in late 2006. Dr. Stephen Wraight will stay as a member of the Committee, and I would like to express my appreciation for his constant support. Two members of the committee will continue to serve for another term: Dr. Bryony Bonning and Dr. Nguya Maniania.

### Committee Members 2007

Bryony Bonning, Nguya Maniania, Stephen Wraight, Andreas Linde (Chair)

In 2007, the procedures for the selection of the Mauro E. Martignoni Award were modified. In an attempt to speed up the selection process, all applications (for the Mauro E. Martignoni Award and all Division Travel Awards) were collected by the Chair, Andreas Linde, and simultaneously sent to a) the Mauro E. Martignoni Award jurors and b) the Division Chairs. This way, the selection of the Division's travel award winners could be made at the same time as the selection of the Mauro E. Martignoni Award winner.

Furthermore, the Chair supported a discussion among Committee members and Division Chairs concerning the selection procedure for the winners of the SIP Awards for oral and poster presentations at the annual meeting.

It was agreed that

- all presentations (oral) should be grouped together in a few, parallel sessions early in the meeting schedule.
- The number of judges should be reduced in an attempt to standardize the criteria used for selection of Award winners
- Instructions for all judges on how to evaluate and score the presentations (oral and poster) should be provided by the chair

The programme chair for the Annual meeting in Quebec 2007 (Mark Goettel) greatly supported this request and arranged all student presentations in parallel sessions and in a narrow timing schedule. This was possible because fewer student presentations were submitted in 2007 compared to 2006 (92). This way, only 9 judges would evaluate all presentations, ensuring a more balanced score.

The chair provides instructions to all judges (sent by email to the Division chairs, who select the judges, and given as a hand-out at the meeting) to clarify the evaluation process and provide information on how to score the presentations. Details on the instructions may be presented to the Council at the Council meeting in Quebec.

*Respectfully submitted by Dr. Andreas Linde, Chair*

### Founder's committee

Two Members of the Founders' Lecture Committee, Dr. David Ellar and Dr. John Vandenberg, retired from the Committee after the 2006 meeting in Wuhan. I wish to express my thanks to them for their invaluable contributions and diligence in progressing the work of the Committee.

President Wendy Gelernter appointed a new Committee in late 2006. The new Members of the Founders' Lecture Committee are Dr. James Becnel (United States of America), Dr. Neil Crickmore (United Kingdom) and Dr. Rose Hu (China). Professor Max Bergoin (France) and Professor Dudley Pinnock (Australia) [Chair] remain Members of the Committee to provide guidance and continuity.

The Chairman provided the new Members of the Committee with a timetable of the duties and operations of the Committee and a summary of past Founders' Lecture Honorees and Lecturers. A confidential list of possible future nominees, including those nominated from time to time by the Society's membership, also was provided and the Members then deliberated on candidates for future Founders' Lecturers and Honorees. There being no opportunity to date for the Committee to meet as a group, all communications within the new Committee were made by email.

The Committee's unanimous recommendations were that, in recognition of his outstanding service to the science and teaching of invertebrate pathology and to the Society, Dr. Albert K. Sparks be invited to be the Society's 2007 Founders' Lecture Honoree, and Dr. J. Frank Morado be invited to deliver the 2007 Founders' Lecture in honor of Dr. Sparks. Dr. Morado is currently Acting Program Manager of the Kodiak Shellfish Laboratory, part of the Fisheries Pathobiology Program of the United States NOAA.

I am pleased to report that the Committee's recommendations were approved by President Gelernter.

The Chairman, on behalf of the Committee, then sent a formal letter of invitation to Dr. Morado to be the Society's 2007 Founders' Lecturer, the Lecture to be delivered in honor of Dr. Sparks at the 2007 SIP meeting in Quebec City. On receipt of Dr. Morado's acceptance, the Chairman advised Dr. Sparks of his nomination to be the 2007 Founders' Lecture Honoree and that the Lecture would be delivered in his honor by Dr. Morado.

The Chairman drafted the citations for the Lecturer and Honoree to be placed on the Founders' Lecturer certificates. These citations were sent to Professor Jim Harper for forwarding to the engrosser. The Committee wishes to thank Dr. Jim Harper for arranging the production of the certificates on behalf of the Society.

It is anticipated that Dr. Morado will deliver the Society's 2007 Founders' Lecture in honor of Dr. Sparks during the Opening Plenary Session of the Quebec meeting, and that the 2007 Founders' Lecturer and Honoree certificates will be awarded immediately after the Lecture or during the banquet.

*Respectfully submitted by Professor Dudley Pinnock, Chair*

### Nominating committee

The new Nominating Committee has been appointed in 2006 by the President of the SIP, Wendy Gelernter, according to the Society's Constitution (Article 6, Section 4) and now consists of Just M. Vlák (Chair), Harry H. Kaya, Juerg Huber and Jim D. Harper. All current members are Past-Presidents. The Nominating Committee shall consist of at least two members to be appointed by the President and of the immediate Past-President (Constitution, Article 6, Section 4). The major task of the Nominating Committee is to provide a slate of Nominees at the end of the uneven years, e.g. 2007, and to arrange the ballot in the spring of the even years (in this case 2008).

Bob Granados has been Chairman of the Nominating Committee for many years and stepped down (as well as his committee) in 2006. He and his committee have done a superb job by finding an excellent slate of nominees over a long period of time. Also Ann Hajek served for many years on the committee and is thanked for her services to the Society in this capacity. Juerg Huber and Jim Harper continue to serve on the Committee.

Our first job was to identify the vacant slots in the Executive Council in 2008. The vacant slots in 2008 are: President (automatically listed; stays on for two years); President-Elect (stays on for 2 years before taking up the Presidency); Secretary (stays on for 2 years); Treasurer (stays on for 2 years; should be American; preferably up for re-election for 2 more years to provide continuity); two Trustees (stay on for 4 years). Two Trustees, Rose Hu and Jørgen Eilenberg, stay on the Council until 2010; Bryony Bonning and Patricia Stock retire from the Committee as Trustees as of 2008. The current President, Wendy Gelernter, is automatically member of the Executive Council in 2008 for a two-year term.

The Nominating Committee aims at two candidates for each vacancy. The Committee further aims to have wide international / intercontinental representation on the Executive Council as well as different science backgrounds in invertebrate pathology and microbial control. We particularly look for junior to mid-career members on the ballot for the Executive Council.

The Nominating Committee has had frequent contact over the last few months on the process of selecting a slate of nominees for the 2008 SIP Executive Council. As a first initiative the Committee has contacted all the current Chair of SIP Divisions to nominate individuals beginning June 2007. The Committee further contacted the membership at large by a call in the July issue of the Newsletter (vol 40, no 2, p.18) for getting nominees. All suggestions as well as those put forward by the Nominating Committee members have been assembled and ranked by the end of July 2007. The top nominees will be approached during SIP2007 in Quebec. After selection the slate of nominees will be presented to the Executive Council for approval. The candidates for election will have the opportunity to present themselves in the February 2008 issue of the SIP Newsletter. The ballots will be mailed out by late March 2008 and the election will be closed May 1, 2008.

*Respectfully submitted by Just Vlák, Chair*

**Membership committee**

**Current Membership**

There are currently 520 members of the Society in 2006. This represents a consistent upward trend in membership over the last few years (an increase from 500 in 2005 and 472 in 2004). This figure includes 148 new members (a slight increase from 132 in 2005). The number of renewals for 2006 (272) is lower than last year (368) and the committee will be addressing this, in the first instance by sending a letter to all lapsed members. The committee is extremely grateful to Peg Rotstein and Wendy Gelernter for their support and dedicated work on this (and generally).

All regions showed an increase in membership in 2006. A staggering increase of 16.7 % was seen for CENTRAL & S. AMERICA & CARRIBEAN and large increases were also noted for MID. EAST/AFRICA. However, both these regions still have low numbers of members in comparison to other regions. There is clearly a need to continue to develop interest in the society within these countries. EASTERN EUROPE also has a low number of members (10).

**Table 1 Calendar Year membership (Jan 1 - Dec 31, 2006)**

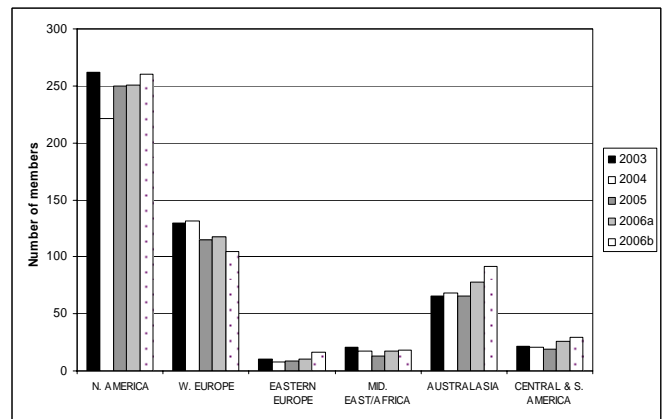
	TOTAL	Percentage
Total Membership	520	
Number members renew/join online	453	87%
New members	148	28%
Renewals	272	52%
Members that did not renew from last year	119	26%
Full Members	421	81%
Student Members	42	8%
Endowed Members	12	2%
Honorary Members	10	2%
Emeritus	35	7%
Members elect to receive the journal	62	12%
Membership renewal was sent out with November Newsletter		
Reminder form was sent out with Feb. Newsletter		

E-mail reminder was sent out in November, February and in March

**Committee members**

The committee for 2006 was Neil Crickmore, Betty Davidson, Caroline Hauxwell, Trevor Jackson, Kerstin Jung, Juan Jurat-Fuentes, Lerry Lacey, Andreas Linde, and Ray Akhurst (Chair). In early 2007 Helen Roy joined the committee and took on the position of chair. The committee would like to thank Ray for his leadership.

LOCATION	2000	2001	2002	2003	2004	2005	2006a	2006b	%change
CANADA	50	52	38	47	38	41	42	43	
MEXICO	31	15	13	10	12	7	9	11	
UNITED STATES	273	256	189	205	171	202	200	206	
<b>N. AMERICA</b>	<b>354</b>	<b>323</b>	<b>240</b>	<b>262</b>	<b>221</b>	<b>250</b>	<b>251</b>	<b>260</b>	<b>3.60%</b>
AUSTRIA	6	6	4	3	4	4	5	5	
BELGIUM	3	3	2	2	2	1	1	1	
DENMARK	3	5	5	5	5	3	4	4	
FINLAND	2	3	3	3	2	2	2	2	
FRANCE	26	23	17	16	17	14	15	16	
GERMANY	17	24	9	10	13	10	13	13	
GREECE	1	1	1	2	1	1	1	1	
ITALY	4	4	3	4	5	4	4	4	
THE NETHERLANDS	13	21	12	8	10	9	9	9	
NORWAY	2	3	2	2	5	4	2	2	
PORTUGAL	4	3	2	3	3	2	1	1	
SPAIN	9	10	11	7	9	11	15	14	
SWEDEN	5	4	4	4	4	3	3	3	
SWITZERLAND	7	4	5	6	3	4	3	2	
UNITED KINGDOM	76	77	60	55	48	43	40	43	
<b>W. EUROPE</b>	<b>178</b>	<b>191</b>	<b>140</b>	<b>130</b>	<b>131</b>	<b>115</b>	<b>118</b>	<b>120</b>	<b>1.74%</b>
BULGARIA	1	-	-	1	-	2	2	2	
CZECH REPUBLIC	2	1	1	2	1	1	2	2	
LATVIA	-	-	-	-	-	-	1	1	
POLAND	3	7	2	3	4	3	2	2	
RUSSIA	2	2	1	3	3	3	3	3	
<b>EASTERN EUROPE</b>	<b>8</b>	<b>10</b>	<b>4</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>0.00%</b>
ISRAEL	9	11	6	6	5	5	7	7	
KENYA	3	4	1	2	1	2	2	3	
SOUTH AFRICA	4	3	3	2	2	2	4	4	
BENIN	4	3	1	3	3	2	2	1	
TURKEY	1	1	3	2	2	2	2	2	
ZIMBABWE	-	-	-	-	-	-	-	1	
<b>MID. EAST/AFRICA</b>	<b>27</b>	<b>22</b>	<b>14</b>	<b>21</b>	<b>13</b>	<b>13</b>	<b>17</b>	<b>18</b>	<b>7.69%</b>
AUSTRALIA	23	22	13	14	11	11	15	14	
PR OF CHINA	6	4	6	3	5	5	7	9	
INDIA	4	3	1	2	2	4	7	7	
INDONESIA	-	2	1	1	1	1	1	1	
JAPAN	49	47	36	34	34	27	28	28	
NEW ZEALAND	7	10	5	5	9	6	10	11	
PHILIPPINES	2	3	2	1	1	1	2	2	
KOREA	3	2	3	1	1	-	1	3	
TAIWAN ROC	4	3	2	2	2	8	5	5	
THAILAND	3	3	2	3	2	3	2	3	
<b>AUSTRALASIA</b>	<b>101</b>	<b>99</b>	<b>71</b>	<b>66</b>	<b>68</b>	<b>66</b>	<b>78</b>	<b>83</b>	<b>7.58%</b>
ARGENTINA	5	11	7	3	4	2	5	6	
BRAZIL	16	15	23	13	13	10	15	17	
COLOMBIA	6	2	-	1	1	2	2	2	
CUBA	-	-	-	-	-	3	3	3	
ECUADOR	-	-	-	1	1	1	1	1	
<b>CENTRAL &amp; S. AMERICA &amp; CARRIBEAN</b>	<b>33</b>	<b>28</b>	<b>30</b>	<b>18</b>	<b>19</b>	<b>18</b>	<b>26</b>	<b>29</b>	<b>16.67%</b>
<b>TOTAL</b>	<b>703</b>	<b>681</b>	<b>501</b>	<b>510</b>	<b>466</b>	<b>472</b>	<b>500</b>	<b>520</b>	<b>4.24%</b>



**Summary from 2006 Committee meeting (Juan Jurat-Fuentes)**

It was agreed that there is a need to open new markets by facilitating and promoting membership.

The membership committee suggested the use of alternative forms of payment because credit cards are not common in some countries (for example China). It was also noted that members may have been lost due to electronic renewal, although writing to lapsed members to invite renewal partially addresses this issue). Another idea was the possibility of withdrawing payments annually (automatically) every year (like

recurrent bill payment) to deal with renewal issues.

The committee noted that student membership is crucial, for many reasons but from a membership perspective, to introduce new members to SIP. It was suggested that student membership should be promoted by encouraging faculties to sponsor students for their first year to initiate membership which would, hopefully, be renewed in the future.

It was suggested that symposia, oral and poster presentations from the annual meeting are uploaded on to the web to be accessed by members only. This would be a great feature to add to the benefits of membership. This was further investigated with Peg Rotstein who clarified there should be sufficient space on the web to do this, but the author's permission would be required.

In previous discussions the committee decided to include personal profiles in the materials to promote membership to highlight the positive influence of SIP for scientific careers. This should be pursued.

Again at previous meetings the suggestion was made to promote membership by encouraging members to disseminate materials at other scientific meetings (and within departments, faculties and institutions). The membership committee commented that SIP needs to ensure outreach efforts attract non-insect pathologists (for example, marine invertebrate pathologists) who seem to join other Societies. It was also agreed that the committee need to investigate why there are such low numbers of members attributed to certain regions.

#### **Mailout**

A letter to former members who had not renewed over the past five years was redrafted by Helen Roy with input from the Committee and some additional touches by Wendy Gelernter.

#### **Emeritus Membership**

Two applications for Emeritus Membership were received and approved by the Committee. The new Emeritus Members were Dr Dwight Lynn (USA) and Dr Wayne Brooks (USA).

#### **Future directions**

The committee will meet at SIP 2007 (Quebec City) to discuss ideas for continuing the upward trend in SIP membership.

Advertising space in JIP has been given and the committee will discuss the most appropriate use of this.

Continue discussions with Elsevier the possibility of accessing their authorship lists in electronic form so that invitations to join can be sent. Ray has previously spoken with René Plug, Publishing Editor Life Sciences, about accessing the author list from Elsevier. There are some privacy issues but René thought that it might be possible for Elsevier, on our behalf, to contact the authors who did not opt-out of receiving further information. This will be worth pursuing once we have the advert prepared.

*Respectfully submitted by Helen Roy, Chair*

### **History Committee**

A draft of the mission of the History Committee:

The mission of the History committee is:

- to preserve the memory of scientists and events that shaped our field and our Society;
- to maintain a collection of photographs, meeting programs, newsletters and other important documents for the benefit of future members;
- to collect information from our members, especially retiring members, for the benefit of our collected history.

Betty Davidson will be presenting a talk on Monday at the Quebec City meeting entitled "40 years of SIP". This talk will cover some of the early meetings, and will highlight activities at four of the laboratories that were influential in the early development of the field, including the Czechoslovakian Academy of Sciences, Prague; the Glasshouse Crops Institute in Littlehampton; Institut Pasteur in Paris; and the University of California, Berkeley.

The History Committee is being increased to include several more members; Harry Kaya and James Harper have been invited to join the committee. We hope to approach the cataloging of the archived materials and make some progress in archiving photographs and important documents of the Society.

*Respectfully submitted by Betty Davidson*

### **Publications Committee**

We permitted the public to access the new glossary on the SIP web site.

#### **Items for consideration:**

Should we accept Taylor and Francis' offer of reduced Biocontrol Science and Technology subscription rates, and agree to list this offer on our website (in the "Publications" section) as well as in our newsletter. Should we send flyers to SIP members? The Publications Committee clearly supports the proposal, except for the mailing of flyers. A short note in the next newsletter after the deal is finalized could let members know that we have special offers from both JIP and BST. T & F should be told of our relationship with Elsevier.

Regarding abstracts, the committee supports the public availability of the meeting abstracts. Members must be told that this will be the policy.

Regarding meeting proceedings, the committee clearly does not support printing them in the future. Most support the publication of abstracts online rather than a full proceedings. If a group of presenters wish to propose a pdf or html document based on their presentations for publication on the SIP web site, they are welcome to send the proposal to the committee. This can be for any meeting not just the International Colloquia.

*Respectfully submitted by David Onstad*

**2007 SIP Newsletter**

Three issues of the Newsletter comprising a total of 102 pages were produced in 2006-2007. In addition to newsletter text, one supplement comprising 8 pages was printed. The supplement consisted of the registration forms for the Quebec City, Quebec, Canada meeting. Meeting announcements, SIP meeting registration, position announcements and other information of a timely nature were also posted on the SIP Website.

The Newsletter text was prepared in Urbana, Illinois and printed in Knoxville, Tennessee. Newsletters were mailed to U.S. members using the U.S. Postal Service and to other countries using DHL Global Mail. The Newsletter cost was \$427.82 higher this year than in 2006 due to increased membership (+38 members), increased postal rates, and more total pages printed (+ 14 pages).

Financial Report-Newsletter, July, 2007

Total cost of Newsletter (3 issues): \$1724.58

Cost per member based on 514 members: \$ 3.36

	Nov. 2006	Feb. 2007	June 2007	Totals
	Vol 39 (3) 50 pp.	Vol 40 (1) 24 pp	Vol 40 ( 2) 28 pp.	102 pp.
Printing	\$ 403.98	\$ 272.03	\$ 226.15	\$ 902.16
US Mailing	\$ 62.16	\$ 38.64	\$ 31.50	\$ 132.30
Int'l Mailing	\$ 274.52	\$ 138.51	\$ 277.09	\$ 690.12
Totals	\$ 740.66	\$ 449.18	\$ 534.74	\$1724.58

The Newsletter is available on the Society's website as downloadable PDF files. Approximately 75.7% of members chose to receive only online copies of the Newsletter. We continue to encourage all members with internet access to accept the online Newsletter in lieu of a paper copy.

We are grateful to all members who contributed material to the Newsletter this year, particularly photographs and member news, and encourage all members to provide news and information of interest to the Society. Special thanks to Peg Rotstein for final layout, printing, collating and mailing.

The editorship will transfer in November 2007 to Co-editors Judith Pell and Paresh Shah. The current editors sincerely thank the Society members for their input and cooperation during the past 6 years.

*Respectfully submitted by Leellen Solter, Editor; Gernot Hoch, Assistant Editor; Vince D'Amico, Assistant Editor*

**Chris J. Lomer Travel Award Committee**Committee Members for 2007

Paresh Shah (Chair); James Becnel; Bergmann Morais Ribeiro; Don Roberts; Patricia Stock; Margaret Wirth.

The award was advertised on the SIP web site and to media contacts between March and April 2007. Ten applications were received by the deadline of 1<sup>st</sup> May 2007. From the scoring system devised by the Lomer Committee in 2006, Monica Pava-Ripoll from Colombia was selected as the winning candidate. Discussions will be held by the Committee during the Quebec meeting on issues such as purposes of the award, publicity, profile of the "ideal" candidate, possible fundraising etc.

*Respectfully submitted by Paresh Shah*

**Student Affairs Committee**Recruitment of Students for participation in the Committee:

Division chairs were called to propose one student from their respective divisions to participate in the Student Affairs Committee. We were able to include the following students:

Onya Opota, Bacteria division; Drauzio Rangel, Fungi division; Hao Yu, Nematode division; Jondavid (DJ) De Jong, Virus division; Marcos Faria, Microbial Control division

Onya Opota volunteered to become chair of the committee. He was unanimously voted by all other division representatives.

Student representatives' profile and webpage: Student representatives provided a brief biosketch with their current research interests and background. A document including these biosketches and pictures was generated for posting on SIP web pages.

Discussion Session - SIP '07: In collaboration with the student members I organized a discussion session entitled "The Art of Interviewing". The goal of this session is to provide an open forum for discussion between scientists and students on how one should prepare for a job interview. This session will take place on Wednesday August 15 from 11.30AM to 1.30 PM (pizza lunch). Invited speakers and respective topics of their presentations are:

Bryony C. Bonning: *Academic interviews: get one step ahead.*

Juan Luis Jurat-Fuentes: *The long and winding road from PhD to tenured faculty.*

Ramon Georgis: *Skills for getting a position in private industry*

Fernando E. Vega: *Job hunting strategies for government employment*

*Respectfully submitted by S. Patricia Stock*

## Awards and Recognition for SIP Members

### Fellows of the Entomological Society of America

Professor Harry Kaya and Dr Bruce Tabashnik were elected Fellows of the ESA during 2007.

#### Dr. Harry K. Kaya

Professor in the Department of Nematology and Department of Entomology at the University of California, Davis. He has been Treasurer (1992-1996), Vice-President (2000-2002) and President (2002-2004) of the Society for Invertebrate Pathology (SIP). He is one of the founding editors and is Editor-in-Chief of the journal *Biological Control*. Harry is internationally recognized for his contributions to insect pathology and insect nematology, which include more than 220 refereed publications and book chapters on nematology and microbial control.

#### Dr. Bruce Tabashnik

Bruce has served as Head of the Department of Entomology at the University of Arizona since 1996. He is one of the leaders of the Arizona insecticide resistance management team. Bruce's research focuses on insect resistance to transgenic crops and insecticides. The Science Citation Index lists more than 5,000 citations of his 235 publications

### Articles in Science on Bt toxins

Congratulations to SIP members Mario Soberon, Liliana Pardo-Lopez, Bruce Tabashnik and Alejandra Bravo who will see their paper "Engineering modified Bt toxins to counter insect resistance" published in *Science* magazine in the near future.

Science editors have chosen to highlight this manuscript online in their *Scienceexpress* website, which provides electronic publication of selected *Science* papers in advance of print.

Congratulations also to Bill Moar and Konasale Anilkumar, whose accompanying perspective article, "The power of the pyramid", puts Soberon et. al.'s paper in historical and scientific perspective.

To view the two articles, go to the Scienceexpress website at [www.sciencemag.org/scienceexpress/](http://www.sciencemag.org/scienceexpress/), and look for the November 1, 2007 issue.

### Bioscience prize for Christopher Lucarotti

Dr Chris Lucarotti has been awarded the 2007 New Brunswick Bio-Sciences Achievement Award in Canada for his outstanding achievements in the bio-sciences.

Dr. Lucarotti led a team which registered Abietiv™, a virus-based biological control product for operational use against balsam fir sawfly, a serious forestry pest. Working with Sylvar Technologies, the virus has been sprayed over more than 40,000 hectares. Find out more at: <http://cfs.nrcan.gc.ca/news/304>.



Chris Lucarotti (centre) with colleagues

## Insect Pathology Course in Denmark

During November 2007, the University of Copenhagen hosted a PhD course on insect pathology as part of the Nordic BeeNova Network ([www.beenova.net](http://www.beenova.net)). Finance was obtained from the Network along with Nordforsk ([www.nordforsk.org](http://www.nordforsk.org)) and ISOBIS (International School of Biodiversity Sciences, [www.isobis.org](http://www.isobis.org)). The course was organised by Drs Jørgen Eilenberg and Annette Bruun Jensen.

The course aimed to provide participants with an overview of concepts, methods, field ecology, co-evolution and microbiological control. Pathogens of pest insects, honey bees and other insects were considered.

There were 18 participants from 10 different countries and 11 instructors. Several SIP members were involved with teaching duties while other SIP members supported the course by

sending materials such as infected insects and *in vitro* cultures.

The course was a mixture of lectures, hands-on demonstrations, article discussions and student presentations of own projects. The students also submitted follow-up reports after finishing the week long course and they will be credited with 4 ECTS (European Credit Transfer System) which count towards their degree programmes.

The organisers believe that courses such as this one can help in the development of our scientific discipline and may attract younger scientists to work with insect pathogens and become members of SIP. If you want more information then please contact Jørgen Eilenberg ([jei@life.ku.dk](mailto:jei@life.ku.dk)) or Annette Bruun Jensen ([abj@life.ku.dk](mailto:abj@life.ku.dk)).



*Insect pathology course for PhD students, November 4-9, 2007*

*Front row, left to right:* Christina Pilz (Austria), Beatriz Diaz (Spain), Eneli Viik (Estonia), Angela Ploomi (Estonia), Patricia Wells (UK), Christina Wolsted (Denmark)

*Middle row, left to right:* Alberto Sediles (Sweden/Nicaragua), Anna Mosegaard-Schmidt (Denmark), Sandra Andersen (Denmark), Melita Zec-Vojinovic (Finland), Anne Must (Estonia), Ursula Kölliker (Switzerland), Rosalind James (USA), Vinni Mona Hansen (Denmark), Eva Forsgren (Sweden), Katrin Jogar (Estonia)

*Back row, left to right:* Renata Grigalaitiene (Lithuania), Anette Jansons Lauritzen (Denmark), Ali Sevim (Turkey/Belgium), Jørgen Eilenberg (Denmark), Just Vlak (The Netherlands), Ingemar Fries (Sweden), Annette Bruun Jensen (Denmark), Nicolai Vitt Meyling (Denmark), Charlotte Nielsen (Denmark), Svjetlana Vojvodic (Denmark)



## Invertebrate Pathology & Microbial Control: Turkish delight

A major symposium on invertebrate pathology and microbial control was organized in Trabzon, Turkey, by Professor Zihni Demirbağ and his colleagues at Karadeniz Technical University (KTU) June 21-24, 2007.

The university was founded in 1955 and is located on the shore of the Black Sea with wonderful views of the sea and the mountains.

The meeting held on the KTU premises was attended by about 60 participants from around Turkey and six invited speakers. The international invited speakers were twinned with a Turkish speaker and they set the stage for the various topics on viruses (Basil Arif and Zihni Demirbağ), fungi (Jörgen Eilenberg and Ayhan Gökçe), bacteria (Ole Skovmand and Fikretin Şahin), nematodes (Harry Kaya and Selçuk Hazir) and microsporidia (Andreas Linde and Mehmet Kubilay).

The meeting started with a general overview on the past, present and future of invertebrate pathology and microbial control (Just Vlak) and the status of microbial control in Turkey (Nedim Uygun, Chairman of Turkish



Association for Biological Control). The main lectures were followed by oral presentations and posters from Turkish students and scientists. In total there were 28 oral and 17 poster presentations.

It was a positive surprise to see so much science in invertebrate pathology and microbial control emerging in Turkish universities. For most students and delegates it was a unique opportunity to meet each other and connect with the international scientific community.

A standing committee was formed to turn this first meeting into a bi-annual event; the next one in 2009 will be in

Aydin near Izmir and organized by Selçuk Hazir.

The symposium delegates enjoyed the gracious hospitality of Zihni Demirbağ and his team, the excellent food (e.g. köfte, baklava), the spectacular scenery and Turkish cultural heritage during the social events. The meeting was sponsored by the Turkish science organization Tubitak and by Karadeniz Technical University.

The international speakers decided to sponsor the enthusiastic Turkish students with one year membership in SIP in an effort to maintain their interests.

*Just Vlak*

## Obituaries

### Marion Brooks-Wallace (1917-2007)



Marion Brooks-Wallace passed away peacefully on September 3, 2007 at the age of 89.

Marion had been a Professor in the Department of Entomology at the University of Minnesota, where she had obtained her bachelor's, masters and PhD degrees. After retiring in 1986, Marion established a research fellowship in her name to support basic insect science research in the

Department. This fellowship is awarded annually to the best PhD applicant working on insect physiology.

According to Betty Davidson, Marion had been an active member of Society for Invertebrate Pathology during its early days and was Secretary of the Society from 1972 to 1974.

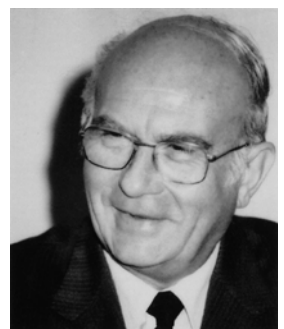
### Raymond Dedonder (1920–2004)

Raymond Dedonder died on September 5, 2004 at the age of 84. He began his scientific career in 1943 as an early member of the French National Scientific Research Centre (CNRS), where he became research director in 1961. From the 1960s, Raymond made major contributions to *B. subtilis* genetics which led to the establishment of a set of reference strains. Raymond was also interested in the use of

Bt against lepidopteran larvae and Bti against Diptera.

In 1982, he was appointed Director General of the Institut Pasteur where he oversaw research on sequencing the AIDS virus. From 1987 till retirement he was President of the Board of Governors of the World Aids Foundation.

*From A. Ullmann (2005), Research in Microbiology, 156, 608–609.*



# Positions Advertised

## Executive Secretary of the Society for Invertebrate Pathology

- Desired starting date: on or before April 1, 2008
- Hours: Part-time position, with variable hours, averaging 5 to 10 hours per week
- Reports to: SIP President and SIP Treasurer
- Salary: \$13,000 - \$16,000/year, depending on experience
- Contact: Wendy Gelernter, gelernter@paceturf.org

### Job summary:

The Society for Invertebrate Pathology, an international scientific society, seeks an Executive Secretary to maintain the Society's operations in support of over 500 members from over 50 countries around the world. Working independently and without on-site supervision, key responsibilities include maintenance of the Society's membership databases, financial accounts and official website ([www.sipweb.org](http://www.sipweb.org)); correspondence with members; printing and mailing of newsletters and election ballots.

### Duties and responsibilities

#### **Financial**

- Maintain all books and accounts in cooperation with SIP Treasurer and professional accountant
- Receive and deposit funds (check and credit card processing)
- Provide annual membership, budget and financial reports to SIP President and division and committee chairs
- Prepare and submit appropriate tax and incorporation records with cooperation from the Treasurer and accountant

#### **Maintenance of membership database**

- Maintain electronic database of members
- Collect and receive dues
- Generate printed and electronic dues reminders
- Coordinate Journal of Invertebrate Pathology subscriptions with Elsevier Science
- Provide and maintain up-to-date online Membership Directory

#### **Maintain SIP website ([www.sipweb.org](http://www.sipweb.org))**

- Post announcements, meeting information, employment opportunities, links, newsletters
  - Maintain and update division webpages and post information contributed by Division officers
- Keep domain registration current

#### **Membership support**

- Respond promptly to telephone and email inquiries from members or prospective members
- Process new member applications and renewals
- Provide periodic email notifications from SIP officers and chairs to the membership
- Work with SIP Secretary, mail paper ballots and distribute electronic ballots (every other year)

#### **Operations support**

- Store SIP records
- Review and update Executive Secretary Procedures Manual
- Organize and participate in mid-year telephone Council meeting
- Manage all correspondence with businesses

#### **Publications**

- Responsible for distribution of the SIP newsletter three times each year
- Arrange printing and mailing of newsletters for members who opt to receive hard copies
- Post on website and alert membership via email as to availability

### Special requirements

- Attendance at SIP annual meeting (preferred, but not required) and will be determined case-by-case
- Take minutes at Council meeting
- Assist at registration table
- Assist meeting organizers as needed

### Knowledge, skills and abilities

- Knowledge of HTML
- Web programming experience (esp. Cold Fusion and Dreamweaver)
- Experience with Quickbooks software for accounting
- Membership database management

## Positions Advertised

### Doctoral Graduate Assistantship

(Expires: 2/1/2008)

The Department of Entomology and Nematology seeks applicants for doctoral assistantships beginning winter 2007. Funding will be directed at elucidating the disease process of the salivary gland hypertrophy virus (SGHV) associated with house flies. Graduate students will be working with D. Boucias, (insect pathology), J. Maruniak (insect virology), C. Geden (insect behavior/ecology) and V. Lietze (insect pathology).

Applications should include a statement of research interests. Applicants should have an undergraduate GPA of at least 3.4 on a scale of 4.0, and a combined GRE (verbal and quantitative tests) of at least 1200 (exceptions under special circumstances). Applicants should have a strong background in insect biology (physiology), biochemistry, or microbiology and must be able to speak and write English fluently. The assistantships carry 12-month stipends and a professional travel allowance. Additionally, a full tuition waiver may be available to supplement this stipend.

Interested applicants should send a letter of introduction and a brief resume to Dr Drion G. Boucias, Department of Entomology and Nematology, University of Florida, 970 Natural Area Road, Gainesville, Florida 3261

Email: pathos@ufl.edu

### Global Marketing Manager

Valent BioSciences Corp.

As the Marketing Manager for Microbial Products you will be responsible for the overall marketing strategy and profitability for the Microbial Ag products in specified world regions.

Together with the Microbial Global Business Manager you will develop and implement long-term Product Life Cycle strategy and continuous microbial business growth through the introduction of new actives and brands. We require a Bachelor's degree along with 3 years of marketing and business/product development in the agricultural field. This position will be located in our global headquarters in the USA.

Human Resources, Valent BioSciences Corporation, 870 Technology Way, Libertyville, IL 60048.

Email: vbc.humanresources@valent.com

## Positions wanted

### Postdoctoral position wanted

Dr Wei-Fone Huang, [wfhuang@ntu.edu.tw](mailto:wfhuang@ntu.edu.tw)

I am looking for a post-doctoral position related to insect pathology or insect molecular biology. I graduated from National Taiwan University in February 2007. My thesis was on the *Nosema* species of silkworm and honeybees. My published papers include one published in Fungal Genetics and Biology that described the novel finding of an unusual rDNA arrangement in *N. bombycis*. The other paper was published in Apidologie and conclusively described the finding of *N. ceranae* in *Apis mellifera* in 2004-2005. I am familiar with molecular biochemistry techniques and insect cell culture.

I won a third place award for my oral presentation at the SIP meeting in 2006. I am currently doing post-doctoral research at the same lab in which I completed my PhD thesis. The research topics of my post doc are 'Molecular diagnostic methods for honeybee *Nosema* disease' and 'Quantification of *Nosema* pathogen density in the host. I will finish these topics before September this year. I have English communication capability and would like to extend my research experience.

### PhD Position Wanted

Farman Ali, [farmanali321@yahoo.com](mailto:farmanali321@yahoo.com)

I am looking for PhD studies in the field of insect pathology preferably entomopathogenic nematodes or biological control. I have done a BSc (Hons) in Plant Protection from Pakistan in 2003 and an MSc in Nematology at Ghent University Belgium in 2005, where my research topic was "Susceptibility of *Hoplia philanthus* (Coleoptera: Scarabaeidae) larvae and pupae to different Entomopathogenic Nematodes (Rhabditida: Steinernematidae, Heterorhabditidae)".

I have three published papers, two locally in Pakistan and one in "Nematology". Currently I am working as a lecturer in the Department of Plant Protection NWFP Agricultural University Peshawar Pakistan for the last one year.

## Announcements

### NEW EMAIL ADDRESS

Dr Jeff Lord at USDA-ARS Kansas has a new email address:  
[jeff.lord@ars.usda.gov](mailto:jeff.lord@ars.usda.gov).



### FUNGAL TAXONOMY PAPERS

The following papers summaries current taxonomic classifications in Mycology:

- James, T. Y. *et al.*, 2006. Reconstructing the early evolution of Fungi using a six-gene phylogeny. *Nature* 443:818-822.
- Hibbett, D. S. *et al.*, 2007. A higher-level phylogenetic classification of the Fungi. *Mycological Research* 111:509-547.

### CD ON ENTOMOPHTHORALES

Dr Siegfried Keller (Switzerland) has put together a Powerpoint slide collection on entomophthoralean fungi with sections such as life-cycles, techniques, host-pathogen interactions and including key references.

To order email [siegfriedke@bluewin.ch](mailto:siegfriedke@bluewin.ch).

### BIOCONTROL SCIENCE AND TECHNOLOGY

#### Reduced rates for SIP members

SIP members are now eligible for significantly reduced subscription fees to *Biocontrol Science and Technology*, based on an agreement recently signed with BST publishers and long-time SIP donors, Taylor and Francis.

The reduced rate for 2007/2008 will be \$262 (US) or £149 (British pounds) per Society member. This is over a 60% discount, and applies to individual (not institutional) subscriptions only.

To take advantage of the discounted rate, contact Taylor and Francis' customer service department at:  
[tf.societies@informa.com](mailto:tf.societies@informa.com).

Please also keep in mind that SIP members continue to enjoy another deeply discounted subscription rate (\$101 [US] per year, as compared to the regular price of \$568 per year) for the *Journal of Invertebrate Pathology*.

To subscribe, simply designate your preference when you renew your SIP membership, or contact the SIP office.

### ICE 2008

#### Durban, South Africa, July 2008

The biennial International Congress of Entomology will be in South Africa next year with sessions on insect communities, tropical entomology and insect pathology.

See <http://www.ice2008.org.za/default.asp> for more details.



### NEW BOOK: Biological Control: A Global Perspective

C. Vincent, M. S. Goettel and G. Lazarovits: Agriculture and Agri-Food, Canada; August 2007; £90.00/\$180.00/€145.00

Chapters include the personal experiences of biocontrol scientists from the initial search for suitable control agents, to their release into ecosystems and to the beneficial outcomes which demonstrate the great success of biological control across diverse agro-ecosystems.

More details can be found at [http://www.cabi.org/bk\\_BookDisplay.asp?PID=2034](http://www.cabi.org/bk_BookDisplay.asp?PID=2034).

## SIP at the 2007 Annual meeting in Quebec



Jim Harper



From left Nguya Maniana, Ramon Georgis and Mickey Taylor



Some of the members of the Virus Division on the boat trip



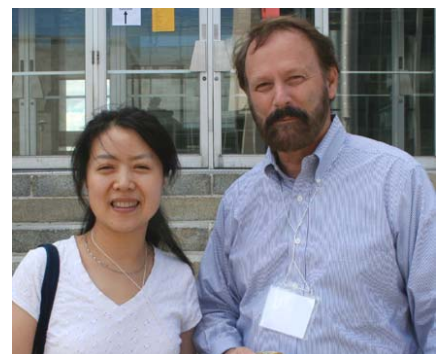
Eleanor Groden and Frances Drummond



When does  $3 + 3 + 3 = \text{FORE}$ ? When the SIP golfers hit the links of course! From left to right, back row, Ian Smith, Gary Blissard, Don Jarvis, Just Vlask. Front row, Martin Erlandson, Bob Granados, Loy Volkman, John Burand and David Theilmann.



Trevor and Lynne Jackson



Cailing Liu and Jim Maruniak



Speakers at the Microsporidia Division Symposium. Left to right, back row, Taro Saito, Susan Bjornson, Sheila Colla. Front row Denny Bruck, Organizer, Regina Kleepsies, Rachel Down and Oliver Otti



Jae Su Kim



Luiz Rocha and Luella Castrillo



Nicola Mauchline



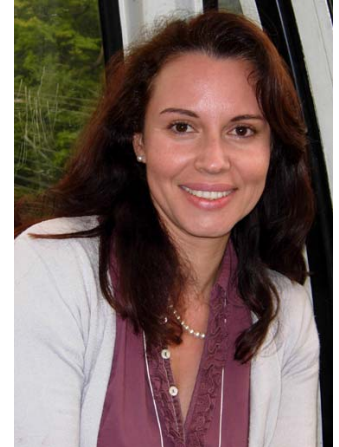
Alessandra Fernandes



Bruno Donzelli



Bishwo Adhikari



Carmenza Gongora



Learning to play spoons at the barbeque!



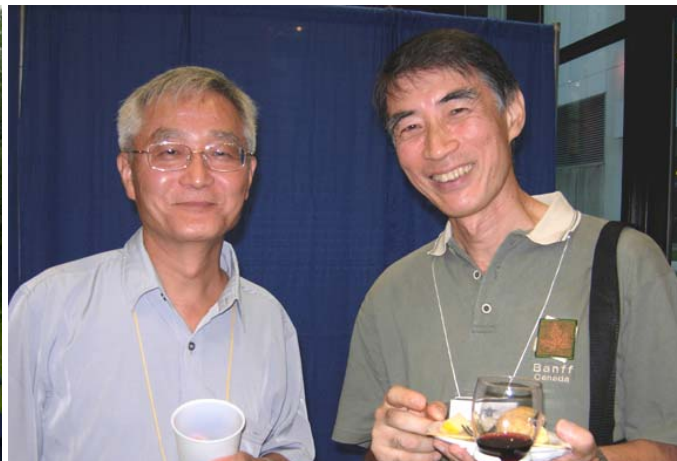
Ray Akhurst and Surendra Dara



...and the band played on...



Bruce Broadbent



Zengzhi Li and Mitsuaki Shimazu



Vladimir Gouli

## Nominations for election to the Executive Council

The Nominating Committee has proposed the following nominations for election to the Executive Council during 2008-2010/2012.

- President (1): Leellen Solter, USA; John Vandenberg, USA
- Secretary (1): Juan Ferre, Spain; Johannes Jehle, Germany
- Treasurer (1): Ann Hajek, USA; Kelli Hoover, USA
- Trustee (2): Caroline Hauxwell, Australia; Jeff Lord, USA; Christina Nielsen-Le Roux, France; David Shapiro-Ilan, USA

The nominees have been informed about the procedure and agreed to stand for office.

SIP members can add other nominees for the ballot until the end of 2007, but only when the request is accompanied by a signature of 10 members in good standing. Ballot lists will be completed in March 2008. The results of the election (closes May 1st, 2008) will be assembled by a Tellers Committee to be appointed by the President.

*Just Vlak on behalf of the Nominating Committee*

## Message from the Editors, Paresh Shah and Judith Pell

As readers may know, Lee Sollter, Vince D'Amico and Gernot Hoch have been responsible, until recently, for compiling the Newsletter. We would like to thank them for their hard work over the years and particularly Lee who has helped us in our first issue.

The next few issues will be a transition period as we strive to produce a distinctive look to the Newsletter and experiment with the content. One important aspect to consider is what material should be in the Newsletter and what can be posted on the SIP web site.

We will gradually introduce some changes starting with guidelines for contributions which will be in the next issue.

We are also asking for contributions and reviews covering all topics relevant to invertebrate pathology, especially where this discipline overlaps with global concerns such as environmental protection and science policy.

Feedback is important so let us know what you think or if you have suggestions for articles. We also need letters to publish in the Newsletter, news snippets, meetings coming up and notices such as members on the move.

During our co-editorship, we have split the roles as follows;

Paresh is Senior Editor, the primary contact for Newsletter material, setting out copy for the pages and working on various formats.

paresh.shah@londonhigher.ac.uk



Judith is Technical Editor, ensuring scientific accuracy on comment or invited articles as well as proof reading the articles.

judith.pell@bbsrc.ac.uk



***The next deadline is 1st February 2008, so get writing!***

### ***Society for Invertebrate Pathology***

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