

IBNS NEWS



The Newsletter of the International
Behavioral Neuroscience Society

Spring 2002

Vol. 6, No. 3

LETTER FROM THE PRESIDENT

Dear Colleagues,

I want to take this opportunity, in our Spring Newsletter, to update you on several exciting IBNS activities. Let me begin by saying how nice it was to see many of you at last year's annual meeting of the Society for Neuroscience (SFN) in San Diego. Our IBNS reception at the annual SFN meeting was another big success. It was encouraging to meet a number of new members of our Society. On this note, I must also echo a sentiment that many of us have heard (and said) countless times over the years - that is, while the annual SFN meeting is impressive in its sheer scope of neuroscience research, it also firmly reinforces the belief that there is a welcome niche for a meeting dealing solely with research in behavioral neuroscience. Speaking of which, our upcoming meeting this June in Capri, Italy, promises to be one of our best ever! Martin Sarter and the rest of his Program Committee have assembled a remarkable program consisting of six special symposia covering some of the hottest issues in behavioral neuroscience, three keynote addresses from a diverse group of internationally-renowned scientists, more than two dozen oral presentations and close to 140 poster presentations. Finally, this year's meeting will be flanked by three very interesting satellite sessions. Registration for the meeting has already exceeded that of last year. Of course, the perfect setting for such a strong scientific meeting will be the natural beauty of the Island of Capri. I invite you to go to the Society's website

(www.ibnshomepage.org) and inspect both this marvelous program as well as several of the links depicting the splendor of the Island. On behalf of the Society, I would also like to express a special thanks to Prof. Adolfo Sadile and his colleagues on the Local Organizing Committee for helping us to coordinate the high quality venue that we have grown accustomed to over the years in IBNS. I am also delighted to announce that the IBNS was recently awarded a five-year R13 meeting grant from the NIH that will support 13 travel awards for pre- and post-doctoral fellows and provide the registration fees for invited participants of the special symposia.

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CALL FOR NOMINATIONS

Dear Fellow IBNS Members,

Another year has passed, and we have the important task of nominating persons to fill several key positions in our Society. In order to guarantee the continuity of the important work of our Society it is essential that we nominate good candidates and that we proceed with this process in a timely fashion. It is the responsibility of the entire IBNS membership to articulate the individual voices in a fully democratic process of nominating and then, electing officers who there after undertake the responsibility to represent us and assist in the management of the Society. Thus, on behalf of the Nominations Committee, I ask you to provide nominations for the positions listed below. Please, be aware that self-nominations of devoted, motivated colleagues are encouraged--it is also required that a nominee be a

member of IBNS. Please, forward your nominations by email with "Call for Nominations" in the Subject line to the IBNS Central Office (ibns@ibnshomepage.org) for the following posts: President-Elect; Secretary; Canadian Councilor; USA Councilor; European Councilor; and Student Representative.

The **deadline of receipt of your nominations is April 7, 2002**. For your convenience a list of the current IBNS members can be found on our website at <http://ibnshomepage.org/memberlist.htm>. Please take the time to provide input into this very important process. This is one of the most significant opportunities for all of us 'to shape' our Society, to influence the future of the scientific community and the IBNS in it.

Zoltan Karadi M.D. Ph.D.

Chair, Nominations Committee

NEWS AND VIEWS

This new column contains input from the IBNS membership regarding their views and news of behavioral neuroscience in their geographic region. Submissions from the membership are welcome.

ISI Recognition

Congratulations go out to our IBNS colleague and former European representative on Council, Dr. Stephen Dunnett from Cardiff University, Wales, UK. Dr. Dunnett was recently recognized by the Institute for Scientific Information (ISI) as one of the top 100 most-cited neuroscientists during the period from 1981-1999. Dr. Dunnett is

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* * *

Guest Editor
John P. Bruno

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Note from the Editor: Printing of advertisements (including meeting announcements and employment opportunities) is \$10 per ad. Please arrange to forward the monies with the advertisement. All contributions are

Letter (con't. from p. 1).

This year we will also have a special oral session composed completely of presentations from our pre- and post-doctoral travel award winners. The Society is particularly indebted to the considerable efforts of Martin Sarter who serves as the PI of this grant. Finally, I want to express the Society's collective gratitude to Marianne Van Wagner, our Executive Coordinator, for her tireless commitment toward excellence. While it is rather easy to identify the fruits of Marianne's labor during the annual meeting or the reception during SFN week, I can assure you that every day she is engaged in efforts to help ensure that our Society runs as smoothly and effectively as it does.

Please note that the Call for Nominations for various IBNS offices has been sent to the membership by email and is included in this newsletter. I urge you to take part in this important process by nominating the very best candidates (self nominations are certainly welcome) to ensure that our Society continues to grow and thrive.

I look forward to seeing all of you in Capri in June for our finest meeting yet!

Best Regards,
John P. Bruno

News/Views (con't. from p. 1).

a member of The Brain Repair Group at the Cardiff School of Biosciences, Cardiff University. His research focuses on the mechanisms of cell death, plasticity and regeneration in the central nervous system. A further understanding of these processes may provide new opportunities for treatment and repair of neurodegenerative diseases such as Parkinson's and Huntington's Disease.

Motivation Returns-A Viewpoint!

In my view, one of the more interesting developments in behavioral neuroscience is the return of interest in the concept of motivation. Motivation was a very big focus in work of learning theorists and physiological psychologist in the 1950's and 60's. Concepts put forward by Hull, Bindra, and others were the focus of much work during that era. However, studies on motivation declined (although they never disappeared) in the 1970's and 80's perhaps because of the difficulty in grappling with such a messy concept in

the newly emerging interdisciplinary field of neuroscience. In the 80's and 90's, there was a major research emphasis on the mechanisms of drugs of abuse, particularly in the United States. This research emphasis allowed the concept of motivation to creep back into the mainstream again, initially disguised as the concept of drug craving. Interestingly, the concept of motivation also started to be discussed once again in the study of the neurobiology of sexual, feeding, drinking, and social behaviors. The latter group of behaviors is particularly salient to me since my work has become focused upon how alcohol exposure during development alters social development and adult social behaviors. In the study of the neural bases of social behavior, social motivation, variously termed as attachment or affiliative need, has become a central focus, perhaps because social motivation appears to play a big role in such disorders as autism and schizophrenia. It is important to not lose sight of the gains in understanding motivation made by early researchers in the field. Using early findings as a basis for new research directions, it will be fun to see where this cycle of interest in motivation will take us.

Sandra J. Kelly
Council-USA



Booth Volunteer: Hiroshi Yamashita, Kitakyushu, Japan

Activities in Japan

In Japan, there is no regional society corresponding to IBNS. However, many behavioral neuroscientists attend Japanese society meetings for physiology, neuroscience or neurochemistry. The focus of their activities ranges from behavior to molecular biology. Because it is not possible to summarize the broad activities surrounding behavioral neuroscience in Japan, I describe here a

research topic in my own laboratory. The topic is related to senescence accelerated mice (SAM). SAM, a group comprising nine inbred strains of accelerated senescence-prone mice (SAMP) and three of accelerated senescence-resistant mice (SAMR), has been established in Kyoto University and widely studied by Japanese behavioral neuroscientists. Of SAMP substrains, SAMP8 exhibits impaired learning and memory that occurs at 2 or 3 months of age. Lipid hydroperoxide levels in SAMP8 brain are two times greater than that of controls (SAMR1) at 3 months of age. It seems likely that the high level of oxidative stress in SAMP8 may induce cellular dysfunction which leads to impaired learning and memory. In fact, choline acetyltransferase (ChAT) activity is significantly decreased in the medial septum cholinergic neurons in SAMP8, that constitute the septo-hippocampal pathway. Chronic administration of a substance with antioxidant activity or a neurotrophic factor tends to normalize the elevated level of lipid hydroperoxide, the decreased ChAT activity and/or learning and memory impairments. Other SAMP substrains also show symptoms related to aging such as degenerative arthritis, hair loss, increased skin coarseness and so on. Thus, it is possible that SAM is useful as a murine model to investigate the mechanisms of aging and related symptoms

Kazuo Sasaki
Council-Japan

Studies in Louisiana

Pennington Biomedical Research Center/Louisiana State University, Baton Rouge, LA:

Neuroanatomical, neurochemical, and behavioral methodology is being used to identify the specific pathways in the brainstem and beyond that carry satiety signals from the gut. H.-R. Berthoud.

Various approaches are being used to study the regulatory processes, including peptides and the autonomic nervous system, that may be involved in the mechanisms underlying the differences between animals that prefer fat and become obese when fed a high-fat diet and those that do not. G.A. Bray.

This laboratory has identified changes in specific macronutrient intake and food preferences that occur following smoking cessation in women, and pharmacologic studies will be

IMPORTANT DATES

May 15, 2002 Discounted Registration Ends
 June 1, 2002 Last Day for Refunds
 May 15, 2002 On-site Registration available after May 15
 June 19-23, 2002 Conference Dates, Wednesday - Sunday

conducted to evaluate neurochemical mechanisms that may mediate the postcessation increase in appetite, food intake, and body weight in women. P.J. Geiselman.

Neuromolecular signals of hunger and satiety that influence feeding behavior and body weight regulation are being studied. R. Martin.

Taste and genetic mechanisms of macronutrient diet self-selection in the mouse are being studied. B.K. Richards.

Hypothalamic ATP-sensitive potassium channels and the role they may play in mediating responses to peripheral glucoprivation are being studied. D. Roane.

Various approaches are being used to study the role of enterostatin in the regulation of dietary fat intake. D. York.

Louisiana State University, Baton Rouge, LA:

Studies are being conducted on the mechanism of action of analgesic and antispastic drugs, using an animal model of spasticity, the chronic spinal rat. Research is also being conducted in biological psychiatry and involves analyses of psychotropic drugs, particularly the antipsychotics, in the treatment of schizophrenia and other categories of mental illness. C.D. Advokat.

This laboratory focuses on the history of medical approaches to the treatment and understanding of mental disorders. A. Baumeister.

Neuropharmacologic and neuroanatomic approaches are being used to study behaviors evoked by stress. M. Hawkins.

This laboratory focuses on the genetic, phenotypic, and behavioral bases for sensorineural deafness in dogs, especially the hereditary congenital form associated with white pigmentation (Dalmatian and other breeds); secondarily in other species. G.M. Strain.

Louisiana State University Health Sciences Center, Shreveport, LA:

Studies are being conducted on the

role of corticotropin-releasing factor and norepinephrine in anxiety-related behavior; and a major project is focused on the mechanism and manifestations of sickness behavior induced by infections and cytokines, such as interleukin-1. A.J. Dunn; A. Swiergiel.

Studies are being conducted on self-administration of drugs of abuse, such as cocaine, methylenedioxymphetamine, and alcohol with a particular focus on the effects of stress in enhancing self-administration, and the role of corticosteroids. N. Goeders; R. Peltier.

This laboratory is studying the self-administration of cocaine in primates and drugs that may reduce the craving for cocaine. The effects of solvents that are abused such as toluene is also being studied in rats. J. Glowa.

Studies are being conducted on the role of opiate mechanisms in pain, especially inflammatory pain. S. Roerig.

University of New Orleans, New Orleans, LA:

The role of the amygdala in the regulation of food intake and body weight is being studied. B. King.

Recent efforts in this laboratory have focused on investigations of picrotoxin-opiate interactions and the neuronal mechanisms involved in the development of increased susceptibility to seizures kindled by picrotoxin. J. Thomas.

VA Medical Center., New Orleans, LA:

Peptides, blood-brain barrier, and antipathies are being studied. A.J. Kastin.

Paula Geiselman
Secretary

Canadian Research

Animal research in behavioral neuroscience at the University of Western Ontario is varied. **David Sherry's** laboratory is using food-storing birds to examine i) the role of the hippocampus and associated structures in memory and orientation, ii) the importance of seasonal patterns of neurogenesis on these parameters, and

iii) the evolution of animal cognition, and the brain structures involved. The laboratory of **Scott MacDougall-Shackleton** is interested in i) how birds learn and perceive environmental cues (eg. birdsong), ii) how these cues are processed by the brain and then mediate changes in behavior and/or reproductive physiology, and iii) how these neural and endocrine mechanisms have been shaped by selection to result in adaptive behavior. **Peter Cain's** laboratory is working to identify which neurotransmitter systems are of greatest importance for both adaptive behavior and spatial learning. In the water maze, successful acquisition depends crucially on first learning behavioral strategies prior to learning platform location. They have found that the integrity of individual neurotransmitter systems (egs. acetylcholine, noradrenalin, serotonin) are not required for spatial learning provided animals have learned these strategies. However, despite strategy acquisition, impairment of two such systems greatly impairs both spatial learning and adaptive behaviors. The laboratories of **Peter Ossenkopp** and **Martin Kavaliers** are interested in the effects of acute bacterial infection (induced by lipopolysaccharide) on taste palatability and locomotor activity, and also in factors which modulate behavioral responses to both initial infection and tolerance development, such as naturally occurring hormonal states (eg. across the estrous cycle), time of day, and circulating corticosterone levels.

*Christopher Engeland
Council-Student Representative*

News from Australasia

In news from Australasia, a Psychobiology research group at RMIT University in Melbourne led by Dr. Andrew Francis has been investigating alternatives to synthetic drugs for a variety of behavioural disorders and neurological conditions. Empirically validated improvements in sleep amongst normal and intellectually disabled children have been found with the herb Valerian, and clinical trials of herbal combinations for treating behavioural and sleep problems associated with ADHD are also in progress. Future studies will examine herbal and nutritional alternatives to standard synthetic anti-epileptic and anti-

hypertensive drugs.

Work at Monash University in Melbourne by Drs. Glenda Bishop and Stephen Robinson has shed light on mechanisms that explain the protective function of oestrogen in reducing the risk of Alzheimer's disease in women. The team has recently shown that the neurotoxicity of amyloid-beta and metal ions in adult female rats does not vary during the oestrous cycle. This result suggests that oestrogen can reduce the risk of Alzheimer's disease in ways that are independent of its anti-oxidant properties. These data are to be presented at the Alzheimer Congress in Stockholm, in July 2002.



Booth Volunteer: Byron Jones, Pennsylvania State University.

Finally, the new academic year is warming in Australia, as is the quest for research funding. With increased funding incentives through the Australian Research Council (ARC), members have been encouraged to build on their already impressive array of programs. We look forward to updates on this front in the near future.

*Peter Wilson
Council-Australasia*

Behavioral Neuroscience in Europe, Particularly Scandinavia

Most European countries have healthy and active research within the field of behavioral neuroscience. This applies also to many countries in the former east block. The size of the European behavioral neuroscience community is by no means reflected in the membership of the IBNS. The number of Europeans affiliated to our Society is, in fact, surprisingly low. There is a simple reason for this: The existence of a much older and quite similar European society, the European Brain and Behavior Society (EBBS). EBBS was founded already in

1968, and has a long history of successful yearly meetings. Presently the meetings are organized every second year. The success of EBBS means that most Europeans do not see any need of belonging to another, similar society. Whether this judgment is right or wrong is another question.

Concerning Scandinavia, the state of behavioral neuroscience is not as satisfactory as it is elsewhere in Europe. This has certainly an historical explanation. Basic behavioral research has never been able to attract Scandinavians to any significant extent. Perhaps our melancholic character makes us more enthusiastic about clinical issues within psychology and psychiatry! Those working in basic neuroscience prefer to stick to their cells rather than looking at living organisms. There are certainly several noteworthy exceptions. Some Scandinavian universities have excellent groups working within our field, e.g. in Oslo, Trondheim and Tromsø in Norway (rat model of ADHD; hippocampus and learning; sexual behavior, respectively). In Sweden there are the psychobiology and pharmacology departments at the University of Göteborg and some groups in the Stockholm area. In Finland there is a group at Åbo Akademi., and some incipient research at some of the new, provincial universities. Denmark has no behavioral neuroscience worth talking about. Strange, considering how good the Danes are at producing beer.

*Anders Agmo
Council-Europe*

HIGHLIGHTS IBNS COUNCIL MEETING

November 13, 2001
San Diego Marriott Hotel and Marina
San Diego, CA

OFFICERS' REPORTS

President's Report

President Bruno welcomed everyone and expressed his appreciation to Drs. Means and Geiselman as continuing, very capable officers of the Society. He also expressed a special word of thanks to Ms. Van Wagner for all the work she does for the Society on a day-to-day basis and for her valued institutional memory.



Booth Volunteer: Paul Rushing, University of Cincinnati, Chair-Membership Committee



Booth Volunteer: Juan Carlos Jorge, Univ. of Puerto Rico, Chair-Local Organizing Comm. '03

pending grant would facilitate this goal. He also recommended that we continue to seek corporate support.

OLD BUSINESS

2002 Meeting Venue

The 2002 annual meeting will be held on the isle of Capri (Italy). Registration for the Capri meeting is available on the Society's web site with secure, on-line processing for credit cards. As Council voted at the 2001 Cancun meeting, a single charge will include the registration, banquet, and abstract handling fees.

Dr. Adolfo Sadile, IBNS member at the University of Naples, Italy, is serving as the Chair of the Local Organizing Committee for the Capri meeting. He has been working most diligently in making arrangements for this meeting with the two Universities of Naples, as well as

with the hotels and the conference center in Capri. He has arranged for the Universities of Naples to cover the cost of the meeting space, and he has also negotiated excellent hotel rates. Ms. Van Wagner noted that it will be important for everyone to make their hotel reservations early because Capri is a very popular tourist site in June. The deadline for hotel reservations is January 31, 2002; but hotel deposits may be refunded if cancellation is received at least four weeks prior to one's stay.

2003 Meeting Venue

Council previously voted to accept Dr. Juan Carlos Jorge's proposal to hold the 2003 meeting in Puerto Rico. Dr. Jorge and Ms. Van Wagner have been negotiating with hotels in San Juan. Dr. Jorge also has been meeting with the Puerto Rican Tourist Bureau, and they have offered to provide us with a "Puerto Rican Night," including food and entertainment at no cost to the Society.

Council will soon set the dates for the 2003 meeting to be held in Puerto Rico. At this point, we are trying to identify any other meetings that would be competing with our meeting if it were held in either April or June, 2003. Once that information has been compiled, Council can then vote on the 2003 meeting dates by email.

2004 Meeting Venue

Using our rotation policy, the 2004 meeting venue should be in the United States/North America. Ms. Van Wagner has been in contact with various hotels

President Bruno acknowledged the efforts of the Education and Training Committee, which is chaired by Dr. Mark Kristal. Each year the Society for Neuroscience arranges for high school students who are interested in neuroscience to visit the SFN conference. SFN requests that booth exhibitors participate in this activity for the high school students. Arrangements were made for these students to visit the IBNS booth, and Dr. Kristal gave them an introduction to the field of behavioral neuroscience.

President Bruno announced that the plans for the 2002 annual meeting are proceeding well and acknowledged Dr. Martin Sarter, Chair, of the Program Committee. Dr. Bruno noted that the Society continues to make great strides in securing external, financial support for the annual meeting.

Secretary's Report

Secretary Geiselman reported that our total membership count was 468. In addition, we had 10 regular membership applications and 5 student membership applications that were approved at the San Diego Council Meeting, bringing our total membership count to 483.

The following final statistics were reported for the Cancun 2001 meeting. Registration included 101 Regular Members, 22 Student Members, 30 Regular Nonmembers, and 30 Student Nonmembers, bringing the total registration to 183. Thirty-two members donated to the student travel awards for

the Cancun meeting. In addition, we had 114 individuals registered for the banquet.

Secretary Geiselman reported that the Society had a number of sponsors for the Cancun meeting: The NIH grant (President Bruno, PI) for \$23,200; \$2,000 from Merck; a \$2,000 plus a \$3,000 contribution from Lilly; and \$9,000 from Procter & Gamble for Dr. Paul Rushing's symposium. In addition, other symposia organizers also raised money.

The following information on the 2001 Cancun program was presented: 60 oral presentations, 105 posters, for a total of 165 total abstracts. In addition, we had 3 keynote speakers, 5 special symposia, 2 satellite programs, an all-day student workshop, and our first slide-blitz session.

Treasurer's Report

Treasurer Means thanked President Bruno and Ms. Van Wagner for their tremendous assistance to him in his position as Treasurer for the Society. He reported that the Society is in a sound financial position. Our equity has remained relatively constant across the last two years, as we have increased our support for invited speakers. Without the NIH grant and several corporate donations, we would not have been able to increase speaker support without eroding the Society's reserves. Treasurer Means recommended that we should continue to maximize travel and honoraria awards while protecting our reserves. Funding of the currently

in Hawaii and has been getting quoted rates from them. Council requested that she get quotes from hotels in Las Vegas. She will present quotes from Las Vegas hotels at the Capri Council Meeting.

NIH (NIMH) Grant to Support IBNS Annual Meetings

Dr. Martin Sarter, Chair of the Program Committee, submitted an R13 grant application requesting travel support for 13 students at \$1,000 each and travel support for 33 symposia speakers at \$250 each for the next five meetings. In addition, there are other funds on this grant that Council suggested might be used to establish a mechanism for searching meeting abstracts by key words on our web site.

This proposal received a priority score of 150, percentile 13.6. It is Dr. Sarter's understanding that, if NIMH gets a regular budget, this application will be funded. This grant will provide us with a total of \$22,500/year for each of the next five years. (Editorial note: The grant was funded, February 2002.)

Journals for Publication of IBNS Symposia

At the 2001 Cancun meeting, Council was in agreement that each of our symposia organizers should be strongly encouraged to publish his/her symposium as a package. Dr. Bruno will work with the Publications Committee to identify appropriate journals for these publications.

NEW BUSINESS

Editor Needed for IBNS Newsletter

The Society needs to recruit a dedicated editor for the IBNS Newsletter. The Newsletter is very important as a source of communication with the members of our Society, and it also provides a vehicle for attracting other scientists in the field. Until we have a volunteer for the position of editor, Dr. Bruno and Ms. Van Wagner will continue working together to publish each edition of the Newsletter.

On-line Payments of Dues and Meeting Fees

Most payments made to IBNS are made by credit card. In addition to paying a minimum monthly fee to the credit card company, each time we process a payment that someone is making to us by credit card, we are also billed by the credit card company for a percentage and for an item charge. Further, + 25 percent of attempts to

process a payment that someone is making to us by credit card are not successful (e.g., when the cardholder has already exceeded the credit limit on the card, etc.). Regardless of whether or not the charge is successfully processed, IBNS is responsible for the credit card company's charges on each attempted billing. Time is also a factor when billing to a credit card has been unsuccessful and thus necessitates that Ms. Van Wagner has to contact the cardholder and also has to re-bill. Hence, it would save time and money if we had a system allowing individuals to make on-line, credit card payments to IBNS.

The Central Office now has a secure system in place that allows individuals to make on-line, credit card payments to us. When an individual attempts to make an on-line payment to us, she/he will get immediate feedback as to whether or not the charge can be processed. This will allow individuals to make payments to us much more efficiently than they previously could.

Recognition of Dr. Matthew Wayner's Contributions to IBNS

Council discussed ideas to honor Dr. Matthew Wayner in acknowledgment of the enormous contributions he has made to IBNS since its inception. Motion unanimously passed to recognize Dr. Wayner: 1) on the IBNS letterhead with a designation as the Founding President of the Society, and 2) in the award ceremony to be held at the Capri meeting.

Purchase of LCD Projector

President Bruno suggested that it would be to the Society's advantage to purchase an LCD projector. Some venues do not guarantee access to LCD projectors. Other venues will provide them, but they charge an exorbitant amount of money to rent them (e.g., \$600/day). Given the scientific culture and the pervasive use of digital imagery for conference oral presentations, Council thought it would be advisable for the Society to purchase an LCD projector. It was noted that such a projector would also be useful at the IBNS receptions to show pictures of our upcoming venue. These projectors are highly portable in terms of size and weight, and they have a descending price curve. Given that it is anticipated



Booth Volunteer: Mark Kristal, University of Buffalo, Chair-Education and Training Committee

that the R13 grant application will be funded and will cover some expenses that we would normally have to pay from our budget, that will free some money to be used to purchase a projector. President Bruno has priced projectors that are appropriate for both USA and non-USA use and has found that we could purchase a >1,000 lumen, portable LCD projector for +\$4,000-5,000. Council was in agreement that President Bruno and Ms. Van Wagner should, with the approval of Treasurer Means, further pursue the possibility of our purchasing an LCD projector. Because there is a descending price curve, it was recommended that they should wait until immediately prior to the Capri meeting to actually make the purchase.

Membership in the Federation of Behavioral, Psychological, and Cognitive Sciences (FBPCS)

IBNS has been a member of the Federation for the past several years. The Federation is affiliated with the American Psychological Association; and it represents a total of 17 professional societies. It is an advocacy group involved in education, outreach, lobbying, etc.; and Dr. Bruno noted that the Federation does very good work.

When IBNS joined the Federation, we were given the new-member annual dues rate of \$400. At this time, the new-member rate is no longer in effect for IBNS; and we are now subject to the real-member rate, which is a function of the number of IBNS members from the United States. There was considerable discussion of the benefits of the Federation to the Society, USA members, and non-USA members. It was noted, for example, that the Federation has successfully lobbied for the R13 grant

2002 TRAVEL AWARDS

We are pleased to announce the recipients of the IBNS Travel Awards for the 2002 meeting in Capri, Italy. These awards will be presented at the annual meeting during the banquet on June 22, 2002. Award winners will receive a cash award, certificate, and waiver of registration and banquet fees. These travel awards are supported by a NIH grant awarded to IBNS. Congratulations to all.

Dr. Walter Adriani, Istituto Superiore Di Sanita, Italy
Ms. Nicole Cameron, Boston University, USA
Ms. Elissa J. Chesler, University of Illinois, USA
Dr. Elena Choleris, The Rockefeller University, USA
Ms. Suzanne A. Henry, University of California at San Diego, USA
Ms. Lisa Jackson, University of Michigan, USA
Ms. Anna Lee, Dalhousie University, Canada
Ms. Miranda Lim, Emory University, USA
Ms. Sara Morley-Fletcher, Univ. Lille 1, France
Ms. Jennifer J. Quinn, UCLA, USA
Ms. Victoria Risbrough, University of California, San Diego, USA
Ms. Daniela Ruedi-Bettschen, Swiss Federal Institute of Technology Zurich, Switzerland
Mr. Holger Russig, ETH Zurich, Switzerland

mechanism, from which the Society, USA members, and non-USA members can all benefit.

Council was in agreement that, if we are to maintain our full membership in the Federation, then we need to be sure that we have a representative at the Federation's council meetings to promote behavioral neuroscience. Dr. Michael Woodruff volunteered to be the IBNS representative to the Federation.

COMMITTEE REPORTS

Education and Training Committee--Dr. Mark Kristal, Chair

The Committee participated in an activity conducted by the SFN Education Coordinator at the SFN Annual Meeting in San Diego. A group of high school students toured various information installations during the SFN meeting for the purpose of learning about neuroscience issues. The students visited the IBNS booth on Monday, November 12, 2001. Dr. Kristal gave them an introduction to our field, explaining the relevance and excitement of studying BEHAVIORAL neuroscience.

Fellows and Honorific Awards Committee--Dr. Laszlo Lenard, Chair

The Committee approved Drs. Wim Crusio, Stephen Dunnett, Timothy Moran, Hitoo Nishino, Toshiie Sakata, and Gyula Telegdy for Fellow status.

Council voted unanimously to approve all six individuals for Fellow status. Congratulations to all our new IBNS Fellows!

Local Organizing Committee, 2002, Capri--Dr. Adolfo Sadile, Chair

The 2002 IBNS Meeting will be held on the island of Capri (Italy), June 19-23, 2002. It will take place in the Capri Congress Center, which can accommodate 200 persons. We expect to cover the cost of the Congress Center as well as that of coffee breaks with an adequate contribution by our two Universities of Naples. However, we will apply for such contributions in 2002, and they will be delivered after the meeting.

The participants will be accommodated in different hotels of their choice, including two, five-star hotels. They are within walking distance or can be reached by "funicolare." The cost of the hotels ranges from \$80-100 to \$300-350 and includes continental breakfast and 20% taxes. Please note that in Italy the cost of a double room is twice that of a single room. It is essential to fix an early deadline for hotel reservations, e.g., January 31, 2002, as it is very difficult to book so many rooms so far in advance.

The island of Capri can be reached by boat (\$8) or hydrofoil (\$15) from the harbor. The harbor can be reached by taxi from the train station (\$10) or from the airport (\$20).

Membership Committee--Dr. Paul Rushing, Chair

The Membership Committee approved ten new applications for Regular Membership and five new applications for Student Membership. These individuals were presented to Council and unanimously approved.

Program Committee--Dr. Martin Sarter, Chair

Dr. Sarter reported that the Program Committee received a relatively large number of submissions for symposia and satellite meetings for the 2002 Capri meeting. Council congratulated Dr. Sarter for having prepared the most extensive preliminary program that we have ever had ready for distribution at the time of an SFN meeting.

Council had previously approved the following as one-time experiments for the 2001 Cancun meeting to be re-evaluated at the 2001 San Diego Council Meeting: 60-min keynote presentations and 5-min presentations with one slide. However, it was the general consensus of Council to leave these decisions in the capable hands of the Program Committee.

Also see, "NIH (NIMH) Grant to Support IBNS Annual Meetings" under Old Business.

*Respectfully submitted,
Paula J. Geiselman, Ph.D.
Secretary*

IBNS Capri Meeting Update

The next IBNS meeting will be held June 19-23, 2002, in Capri, Italy. For a complete program with dates and times of presentations, please visit the IBNS website at <http://www.ibnshomepage.org/capri02prog.htm>. Some of the highlights of the program include:

KEYNOTE SPEAKERS

- , Gaetano DiChiara, University of Cagliari, Cagliari, Italy: Neurobiology of addiction
- , Edward Stricker, University of Pittsburgh, Pittsburgh, USA: The biological bases of thirst: An integration of excitatory and inhibitory signals
- , John Crabbe, Oregon Health Sciences University: Behavioral genomics: Abused drugs as model system

SATELLITES

- i A tribute to Paul MacLean: The neurobiological relevance of social behavior - Organizer: Kelly G. Lambert, Randolph-Macon College, Ashland VA, USA
- i Molecular and behavioral phenotypes in animal models of Alzheimer's disease - Organizers: Lucio Annunziato and Tommaso Russo, University of Naples, Naples, Italy
- i Brain development, sex differences and stress: implications for psychopathology - Organizers: Giovanni Laviola, Italian National Institute of Health, Rome, Italy; Susan Andersen, Harvard Medical School, Boston, MA, USA

SPECIAL SYMPOSIA

- < The role of the immune system in behavior: New frontiers - Organizers: Adrian Dunn, Louisiana State University Health Sciences Center, Shreveport, LA, USA; Susan Larson, Concordia College, Moorhead, MN, USA
- < Cannabinoid receptor genetics, signaling and behavior - Organizer: Emmanuel Onaivi, William Paterson University, Wayne, NJ, USA
- < Valid models of alcohol dependence x functional genomics = novel drug targets for treatment of alcoholism? - Organizer: Markus Heilig, Karolinska Institute, Huddinge, Sweden
- < Stress effects on limbic function and behavior - Organizer: Robert Adamec, Memorial University of Newfoundland, St. John's, Canada
- < Analyzing neonatal behavior to understand brain development: human and animal data - Organizer: Gemma Calamandrei, National Health Institute, Rome, Italy
- < Hormones, behavior and the neural circuits that guide them - Organizers: Jennifer Swann, Lehigh University, Bethlehem, PA, USA; Anne Murphy, University of Maryland School of Medicine, Baltimore, MD, USA

