



September 2005

# ISCEV News Extra

from the Secretary General



After our successful ISCEV Symposium in Glasgow, I must follow 'ISCEV standard procedures' and send you annual 'news extra'. This newsletter conveys important information for ISCEV members who will vote to decide three things: two positions on the ISCEV Board of Directors and the venue for the ISCEV Symposium in 2008. Full reports of ISCEV activities will be printed in the 2006 ISCEV Newsletter. Here I present a few news highlights and an introduction to ISCEV elections. (more news on the back page)

*Daphne L. McCulloch*

## THE 2005 ISCEV AWARDS

Congratulations **Prof Colin Barber** recipient of the **1<sup>st</sup> Emiko Adachi Award** for outstanding service to ISCEV. Thank you Colin for shaping the substance and character of ISCEV in so many ways.

This year, Mrs. Elke Dodt presented the 10<sup>th</sup> **2005 Eberhard Dodt Award** for a young scientist at the Symposium to **Dr Ruth Hamilton** for her paper "The electroretinogram in preterm infants". The Awards Panel selected two **highly commended** young scientists, **Dr. Gil Ben-Shlomo** and **Dr. Pedro Gonzalez**. Congratulations, to all three young scientists.

## FUTURE SYMPOSIA

**2006** The XLIV Symposium of ISCEV in the Abby at Fontevraud, France, 11-15 June and ISCEV course in Paris, 9-10 June. Please consult the enclosed leaflet and the website to make your plans.

**2007** The XLV ISCEV Symposium in Hyderabad, India, 25-29 August. I now announce the main Symposium topics: *The evolving role of the VEP in Neuro-ophthalmology & Defining retinal dystrophies: the role of ocular electrophysiology in genotype-phenotype correlation.*

**2008** Read the generous invitations on pages 6 & 7 and vote for your preferred venue for the XLVI Symposium in the Americas.

**2009** The XLVII Symposium in the e Europe and Africa region. We have expressions of interest, one from Slovenia and from Italy.

## 2005 ISCEV ELECTIONS

Our three-stage voting procedure can be confusing, so I have taken a suggestion that give a brief explanation along with this announcement (see <[www.ISCEV.org/bye-laws/](http://www.ISCEV.org/bye-laws/)> for details).

**Stage 1:** The nominations made to the Secretary-General in advance are considered by the ISCEV Board of Directors. A Board nominee is normally selected (except for member-at-large positions).

**Stage 2:** Nominees of the Board and from the floor are presented for voting at the ISCEV Membership meeting. For single candidates, a vote by a majority of the members present is sufficient. Congratulations:

**Prof Ulrich Kellner** (Berlin) - second term as ISCEV Treasurer

**Dr Graham E Holder** (London) - Director of Education

With two or more candidates, a secret ballot is held to reduce the slate to two, each with majority support, who go forward to the next stage.

**Stage 3:** A postal/fax vote. This year we are voting for **Editor-in-Chief of Documenta Ophthalmologica** and **Board Member-at-Large**. (See the candidate bios, pages 2-5; Ballots for voting members are enclosed).

*Elections Deadline of 27 October 2005.*



***Prof. Laura J Frishman - Candidate for Editor-in-Chief***

## **Personal Statement**

If elected Editor-in-Chief of Documenta Ophthalmologica (DOOP), I would endeavor to provide the society with a journal that serves the members' needs in terms of content, quality and time to publication. With the help of the associate editors and editorial board I would try to provide a helpful, and efficient system of review. I would oversee the transition to electronic submission as I have done recently as Editor of Visual Neuroscience. In addition, I would encourage topical special issues, be accessible to authors, and try to resolve problems in the publication process quickly. By doing these things for Visual Neuroscience, I have increased the confidence of contributors to the journal so that submissions and total annual citations have increased. I would hope to do at least as much for DOOP.

## **Current Positions:**

Professor of Optometry, Vision Science and Biology, University of Houston, Associate Dean for Graduate Studies and Research (since 2003).

## **Training and Experience:**

- B.A, 1969, Vassar College, Sociology/Biology
- M.S. 1975; Ph.D. 1979, University of Pittsburgh, from the Neuroscience and Behavior Program
- Postdoctoral Fellowship in Visual Neurophysiology, 1979-1983, Northwestern University Bioengineering Pgm
- Adjunct Assistant Professor/ Research Faculty, 1983-1990, Departments of Ophthalmology and Physiology, University of California, San Francisco where I started to do research involving the ERG
- Joined the faculty at University of Houston, College of Optometry in 1990.
- Twenty years of grant support (National Eye Institute and Industry) for ERG-related research
- Served on many federal grant review panels, regular member of NIH NEI VISC (retinal processing) 1997-2001.
- NBEO National Board of Examiners in Optometry Basic Science Committee since 1998
- Presented numerous talks and posters at ARVO, ISCEV, other meetings, as well as Universities, on visual electrophysiology and retinal processing
- Editor of the journal, Visual Neuroscience, 2002-2006; Associate Editor, 1997-2002, Editorial Board 1993-1995
- Editorial Board, Documenta Ophthalmologica since 2003; numerous reviews for Documenta & many journals over the years.

## **Society Memberships**

- ISCEV (since 1988)
- ARVO (since 1975); Program Committee for Visual Neurophysiology, 2001-2004, chair in 2004
- Fellow of the American Academy of Optometry, 2003

## **Selected Publications from 50 relating to ERG:**

1. Frishman LJ, Sieving PA, Steinberg, RH (1988) Contributions to the electroretinogram of currents originating in proximal retina. *Visual Neurosci.* 1: 307-315.
2. Robson JG, Frishman LJ (1998-1999) Dissecting the dark-adapted electroretinogram. *Doc Ophthalmol* 95: 187-215.
3. Viswanathan S, Frishman LJ, Robson JG, Harwerth RS, Smith EL III (1999) The photopic negative response in the macaque electroretinogram is reduced by experimental glaucoma. *Invest Ophthalmol Vis Sci* 40: 1124-1136.
4. Hood DC, Frishman LJ, Saszik S, Viswanathan S, (2002) Retinal origins of the primate multifocal ERG: Implications for the human response. *Invest Ophthalmol Vis Sci* 43: 1673-1685.
5. Frishman LJ. Origins of the electroretinogram (Chapter 12) In: *Handbook of Clinical Electrophysiology of Vision Testing* 2<sup>nd</sup> edition, edited by J Heckenlively, & GB Arden, In Press.
6. Rangaswamy N, Dorotheo EU, Tang RA, Schiffman JS, Bahrani HM, Frishman LJ (2004) Photopic ERGs in patients with optic neuropathies: Comparison with primate ERGs after pharmacologic blockade of inner retina. *Invest Ophthalmol Vis Sci* 45:3827-37.

## *Prof. Pierre Lachapelle - Candidate for Editor-in-Chief*



### **Personal Statement**

This year marks my 20<sup>th</sup> anniversary as a member of ISCEV. My first meeting was that of Mie, Japan and since then I have attended most of them and organized or helped in the organization of three ISCEV Symposia (Banff in 1994, Montréal-Mont Orford in 2001 and Fontevraud in 2006). In 1986, I published my first paper in Documenta and since then I have regularly contributed to our journal. To date I have close to 30 manuscripts that were published (or accepted for publication) in our Journal. The above should prove to you that I believe in our Society, I appreciate its members and I am a firm believer in our journal. I would be extremely honored if members of ISCEV would grant me the privilege of serving them as the Editor of Documenta.

Although I am a basic scientist by training, I spend a great deal of my time tackling clinical issues, such as seeing patients as the director of the Visual Electrophysiology Clinic and

Laboratory at the Montreal Children's Hospital or teaching to residents as Professor of Ophthalmology at McGill University. A Medline search will show you that my scientific interest covers a wide range of **basic** (animal studies, single cell recording, pharmacology, chronobiology, retino-cortical processing, ornithology, behavior, maturation studies, etc) and **clinical** [strabismus, amblyopia, mood disorders, various retinopathies (Best's, Stargart, RP, Fundus Flavimaculatus, CSNB, achromatopsia, cone dystrophy, retinopathy of prematurity, etc.), veterinary ophthalmology, etc.] science topics. Furthermore, I have also published several studies (electroretinography, visual evoked potential, optokinetic nystagmus, eye-hand reaction time, etc) where human subjects (from birth to elderly) served as the experimental model. In fact, translational research is really what motivates me: bringing the clinical question to the laboratory and the experimental findings to the clinic. Facilitating the exchange of ideas between the ISCEV community, which includes vision scientists covering a wide a range of expertise and interest, is really what our Journal should be all about. A journal, where clinical and basic research meet, to yield the cross-fertilization that will accelerate the growth of both fields. Should I become the new editor, I will strive at ensuring that our journal reflects the complementarity of ISCEV's membership so that each and everyone of us will be eager to receive and read each issue and will proudly choose Documenta Ophthalmologica as the top notch journal to publish his/her work in.

### **Training and Experience:**

PhD (Biology) University de Montréal (1981)

Professor of Ophthalmology at McGill University since 1981 (full professor in 2000)

Director of the Visual Electrophysiology Laboratory and Clinic at the Montreal Children's Hospital since 1977

Director of the Vision Health Network (equivalent to NEI at our scale) of the Province of Québec since 2001 ( [www.visionnetwork.ca](http://www.visionnetwork.ca))

### **Selected Publications:**

**LACHAPELLE P, LITTLE JM, POLOMENO RC** (1983) The photopic electroretinogram in congenital stationary night blindness with myopia. Invest Ophthalmol Vis Sci 24:442-450.

**LACHAPELLE P, MOLOTCHNIKOFF S** (1986) Components of the electroretinogram: a reappraisal. Doc Ophthalmol 63:337-348.

**BENOIT J, LACHAPELLE P** (1990) Temporal relationship between ERG components and geniculate unit activity in rabbit. Vision Res. 30: 797-806.

**McKERRAL M, LACHAPELLE P, BENOIT J** (1992) Comparative effects of luminance and scatter on the pattern VER and eye-hand reaction time. Doc Ophthalmol.79: 177-185.

**LACHAPELLE P** (1994) The human suprathreshold photopic oscillatory potentials: Method of analysis and clinical illustration. Doc Ophthalmol 88: 1-25.

**ROJAS LM, MCNEIL R, CABANA T, LACHAPELLE P** (1999) Diurnal and nocturnal visual capabilities in shorebirds as a function of their feeding strategies. Brain Behavior and Evolution, 53: 29-43.

**McKERRAL M, POLOMENO RC, LEPORÉ F, LACHAPELLE P** (1999) Can interocular pattern reversal visual evoked potential and motor reaction time differences distinguish anisometropic from strabismic amblyopia? Acta Ophthalmologica, 77: 40-44.

**LACHAPELLE P, RUFIANGE M, DEMBINSKA O** (2001) A physiological basis for definition of the ISCEV ERG standard flash (SF) based on the photopic hill. Doc Ophthalmol 102: 157-162.

**DEMBINSKA O, ROJAS LM, VARMA DR, CHEMTOB S, LACHAPELLE P** (2001) Graded contribution of retinal maturation to the development of oxygen-induced retinopathy in rats. Invest Ophthalmol Vis Sci 42 :1111-1118.

**HÉBERT M, DUMONT M, GUILLEMETTE J, LACHAPELLE P** (2002) Electrophysiological evidence suggesting a cyclical modulation of retinal sensitivity in seasonal mood disorder. Journal of Affective Disorders, 68 : 191-202.

**RUFIANGE M, DUMONT M, LACHAPELLE P.** (2002) Correlating retinal function with melatonin secretion in subjects with an early or late circadian phase. Invest Ophthalmol Vis Sci, 43: 2491-2499.



## ***Prof. Carol A Westall - Candidate for Member-at-Large***



### **Personal Statement:**

*I thank the ISCEV membership and Board for creating a society which welcomes diversity in membership from electrophysiology, scientific, ophthalmology and optometry communities around the world. I am proud to belong to an organization that provides mutual support for its members and their trainees.*

*My vision for ISCEV includes more diversity at all levels. I will work towards fostering a creative environment in which mutual respect and experience go hand in hand with constructive criticism, allowing trainees to excel. I believe in a society in which members know that their opinions count, and through their representatives, know that they have a voice at all levels. Whether as an active member or as a member at large I will work towards seeing my vision a reality.*

### **Current Position:**

Professor of Ophthalmology, University of Toronto, Associate Senior Scientist at Research Institute and Director of Visual Electrophysiology, The Hospital for Sick Children, Toronto.

### **Training, Experience and awards:**

BSc (hons) Optometry, MSc Physiological Optics, Indiana University, USA, PhD University of California, Berkeley, USA, Post Doctoral research Fellow, University of Wales, Cardiff.

Diplomate of the American Academy of Optometry (Vision Sciences/Electrophysiology).

2004 Mel Silverman Mentorship Award. The Institute of Medical Science, University of Toronto. For outstanding service as a mentor and role model to graduate students.

### **Committees and Society Memberships (partial list):**

ARVO, diversity issues committee.

Vice Chair, Diplomate Committee. Vision Sciences section. American Academy of Optometry.

Membership of: ARVO, ISCEV, American Academy Optometry.

### **Selected Publications:**

**Westall CA**, Panton CM, Levin, AV, Time courses for maturation of ERG response types from infancy to adulthood. Doc Ophthalmol 96: 355-379. (1999)

**Westall C A**, Dhaliwal HS et al. Values of electroretinogram responses according to axial length. Doc Ophthalmol 102(2): 115-30. (2001)

Klinger G, Morad Y, **Westall CA**, et al. Antenatal exposure to chloroquine or hydroxycloquin for rheumatic diseases – Is there evidence of ocular toxicity? Lancet, 358(9284): 813-4. (2001)

**Westall CA**, et al. The Hospital for Sick Children, Toronto, Longitudinal ERG study of children on Vigabatrin. Doc Ophthalmol. 104(2): 133-49. (2002)

Fulton A, Hansen R, **Westall CA**. Development of ERG responses: The ISCEV rod, maximal and cone responses in normal subjects. Doc Ophthalmol, 107: 235-41, (2003)

**Westall CA**, Nobile R, et al., Changes in the electroretinogram resulting from discontinuation of vigabatrin in children. Doc Ophthalmol, 107 299-309, (2003)

Hamoudi, DS, et al and **Westall CA**. Reduced vision function associated with infantile spasms in children on vigabatrin therapy. Invest Ophthalmol Vis Sci 46(2): 514-20 (2005).

Elia YT, D Daneman, et al and **Westall CA** (In Press) Colour Visual Evoked Potentials in Children with Type I Diabetes: Relationship to Metabolic Control. Invest Ophthalmol Vis Sci.

**Westall CA**. Editorial, (In Press) Detecting ocular-visual function changes in diabetes. Br J Ophthalmol.

## **Prof. Marko Hawlina - Candidate for Member-at-Large**



### **Personal Statement:**

*If elected Member at large, I would follow the goals of the Society and foster electrophysiology in clinical ophthalmology as well as in translation from basic to clinical sciences. I have presented at ISCEV since Estoril meeting in 1988. I have contributed to preparing the ISCEV standards for the PERG and authored HK-loop ERG electrode. I have been involved in teaching of clinical electrophysiology at several SOE, EVER and other international and national events. I will be local host of EVER meetings in Slovenia 2007-2009 and candidate to co-host ISCEV 2009 in Ljubljana, capital of Slovenia.*

### **Current Position:**

Professor of Ophthalmology and Chair of Ophthalmology at Medical Faculty, University of Ljubljana, Slovenia.

Head of Research and Head of Department for Functional Diagnostics, University Eye Clinic, Ljubljana.

### **Training and Experience:**

1983 M.D., University of Ljubljana, Slovenia

1986 Residency in Ophthalmology, Univ Eye Clinic Ljubljana, Slovenia

1989-1991 Research Fellowship in Electrophysiology, The Rayne Institute, St. Thomas' Hospital London

1992 Board certified ophthalmologist, Ljubljana, Slovenia.

1995 Ph.D. University of London (Mentor: Hisako Ikeda). Role of Melatonin and Dopamine in RCS rat.

Clinical education during stay in London (October 1989 until June 1991): Honorary registrar, Eye Department, St. Thomas' Hospital London. Supervisor: Mr. David Spalton, MRCP, FRCS.

Elected Associate Professor of Ophthalmology (17 December 1996)

Elected Chair of Ophthalmology, Medical Faculty Ljubljana (16 November 1998)

Elected Professor of Ophthalmology, University of Ljubljana (8 November 2002)

Presented numerous talks and courses at regional, national, and international meetings on genetic and hereditary eye disorders, particularly RP and allied disorders, and visual electrophysiology. My clinical specialties are neuro-ophthalmology, retinal dystrophies, electrophysiology and complicated cataract surgery.

### **Specialty Boards and Society Memberships (current partial list):**

President of the Slovenian Society of Ophthalmology (since 1998)

Chairman of Education Committee of Societas Ophthalmologica Europaea (SOE)

Vice-president & Chairman of Residency Exchange Committee of European Board of Ophthalmology (EBO)

Editorial Board Member of *Documenta Ophthalmologica*.

ISCEV (1988), ARVO (1991), AAO (1996), EVER

### **Selected Publications:**

Hawlina M, Konec B. New noncorneal HK-loop electrode for clinical electroretinography. *Doc Ophthalmol* 1992; 81: 253-259.

Hawlina M, Jenkins HG, Ikeda H. Diurnal variations in the electroretinographic c-wave and retinal melatonin content in rats with inherited retinal dystrophy. *Doc Ophthalmol* 1992; 79: 141-150.

Hawlina M, Jarc M, Popović P. Pattern ERG is preserved in retinitis pigmentosa-a follow-up Study. *Electroenceph Clin Neurophysiol* 1998; Suppl. 1001: 46.

Bach M, Hawlina M, Holder GE, Marmor MF, Vaegan MT, Miyake Y. Standard for pattern electroretinography. *Doc Ophthalmol* 2000; 101(1):11-8.

Jarc-Vidmar M, Kraut A, Hawlina M. Fundus autofluorescence imaging in Best's vitelliform dystrophy. *Klin. Monatsbl. Augenheilkd.* 2003; 220, (12):861-867.

Popovic P, Jarc-Vidmar M, Hawlina M. Abnormal fundus autofluorescence in relation to retinal function in patients with retinitis pigmentosa. *Graefes Arch Clin Exp Ophthalmol.* 2005 May 20; [E-pub ahead of print]



## *AN INVITATION TO ANN ARBOR*

**Tuesday 24<sup>th</sup> June - Saturday 28<sup>th</sup> June, 2008**

It is our pleasure to invite you to Ann Arbor for ISCEV 2008. Ann Arbor is located in the Great Lakes region of the Midwestern USA. It is a city with a population of approximately 100,000 and is the home of the University of Michigan.

**ISCEV 2005:** We offer to host the symposium at the Oliphant-Marshall Auditorium, Kellogg Eye Center of the University of Michigan. The Kellogg Eye Center is home of the Department of Ophthalmology, one of the finest clinical and research departments in the United States. The Department has a strong history of leading edge research in visual electrophysiology, currently housing labs of John Heckenlively, Don Puro and Dan Green, and for many years was the location of Paul Sieving's laboratory. In addition, the

department is recognized world-wide as a leader in research on the genetics of ophthalmologic diseases under the leadership of Arnand Swaroop.

**Accommodation:** The host hotel will be the Campus Inn Located conveniently in downtown Ann Arbor and in easy walking distance to the Eye Center. University of Michigan student housing will provide a low cost alternative that is also in walking distance of the conference and downtown.



**Access:** Detroit – Wayne County International Airport is located 25 miles east of Ann Arbor. There are many direct flights from Europe and Asia to DTW.

**Hospitality and Social Programs:** The University of Michigan offers many lovely venues for receptions and banquets. We plan to have the opening ceremony in the rotunda of the University Art Museum and the Michigan League, opened in 1929, will serve as a wonderful location for the banquet. The day trip will be to visit the Henry Ford Museum and Greenfield Village in nearby Southfield Michigan (<http://www.hfmgv.org/>). For those who are interested, a tour of a Ford automobile factory will also be available. The accompanying person program will include cultural and natural resources of the region including visits to the Detroit Institute of Arts (<http://www.dia.org/>), Cranbrook Academy ([www.cranbrook.edu](http://www.cranbrook.edu)), Bothai Botanical Gardens, and Lansing (State Capital of Michigan).

**Other Information:** For more information on Ann Arbor visit <http://www.annarbor.org/>. Of course, for those of you visiting from overseas there are many options for tours prior to or following the conference. For natural beauty, We would suggest visiting the Rocky mountains (<http://www.coloradorockies.worldweb.com/>; <http://www.nationalparkreservations.com/> ). More locally, there are wonderful resorts in western Michigan, along the shores of lake Michigan (e.g. Saugatuck, <http://www.saugatuck.com/>; Traverse City <http://www.mytraversecity.com/> ) and the upper peninsula of Michigan is also quite nice (Mackinaw Island <http://www.mackinac.com/> ). For those with more urban tastes US cities speak for themselves. Although Washington DC, New York, and Los Angeles are probably most frequently visited, we would also recommend San Francisco, Boston and Chicago (the jewel of the Midwest) as favourites.

**Invitation Committee:** Mitch Brigell, John Heckenlively, Paul Sieving (honorary), Gary Trick, Fred Zwass.





## *AN INVITATION TO MORGANTOWN*

**Friday 11th July - Wednesday 16th July 2008**

Morgantown, West Virginia is the home of West Virginia University with its new Eye Institute and a rapidly growing visual neuroscience community. Morgantown has recently received national recognition as one of the best small cities in the United States and has been written up favorably as a weekend destination in the New York Times Travel Section. Morgantown is situated in the scenic Appalachian Mountains within convenient travel distances from many major cities in Eastern North America. We encourage you to examine further information about the city, the state, and hotels on the web. Good starting points are: [<http://visit.wvu.edu/>; <http://www.wvueye.com/>; <http://www.tourmorgantown.com/>; <http://www.wvtourism.com/>].

**ISCEV 2008:** The symposium would be held at WVU's Robert C. Byrd Health Sciences Center. Its state-of-the-art lecture halls will be ideal for our meetings.

**Accommodation:** The symposium will be easily accessible from the Radisson Hotel and the historic Clarion Hotel Morgan via hotel and university bus or WVU's Personal Rapid Transit (PRT) system. The main hotels are located downtown, near the Caperton Trail [<http://www.montrails.org/>] and Monongahela River. Additional hotels are within a 5-minute walk of the Health Sciences Center. WVU dormitory rooms will be available at this time of year for those who need inexpensive housing.



**Access:** Morgantown's Hart Field (Airport code; MGW) is inside the city and has direct flights from Pittsburgh International Airport on US Airways. In the interest of cost, most travelers will prefer to arrive in Pittsburgh or Washington, DC and travel to Morgantown. We will arrange a shuttle bus service from Dulles Airport and Pittsburgh Airports. Participants may also choose to rent a car. Morgantown is at the junction of Interstate 79 South from Pittsburgh, PA and Interstate 68 from Washington, DC.

**Hospitality and Social Programs:** We will make use of West Virginia and nearby Pennsylvania's natural beauty and historic sites for much of the hospitality and social program. Our day trip would include a visit to Fort Necessity, where the young George Washington's fought his first battle (and lost to his future allies the French) and two homes designed by Frank Lloyd Wright, Kentuck Knob [<http://www.kentuckknob.com/>] and Fallingwater [<http://www.paconserve.org/>]. The accompanying persons program will offer a wider range of sights and activities within a short distance of Morgantown.

**Other Information:** We selected July 11, 2008 through July 16, 2008 to permit those who are interested to attend Vision 2008 in Montreal July 7-10. As you think of ISCEV 2008, just recall the words from John Denver's song "Country Roads".

Almost heaven, West Virginia / Blue Ridge Mountains, Shenandoah River

.... Country roads, take me home / To the place, I belong

**Invitation:** J. Vernon Odom, PhD and Monique Leys, MD



## HIGHLIGHTS OF THE ISCEV BUSINESS MEETINGS

A new publication contract with Springer for our journal, **Documenta Ophthalmologica** will enhance online and print services from Jan 2006. We thank the ISCEV working party, for its efforts and guidance.

The **ISCEV Symposium travel grant** amounts were increased to \$500 for regional and \$1,000 (US) for extra-regional grants.

The **PERG and EOG ISCEV standards**, currently under revision, held membership forums during the Symposium. Contact committee chairs, Graham Holder (PERG) and Dr. Malcolm Brown (EOG).

## CALL FOR NOMINATIONS; 2006 ELECTIONS AND AWARDS

There are three positions open for election or re-election in 2006:

**Vice President, Asia and Australia:** Dr Mizota has served one term

**Member-at-Large, Asia and Australia:** Vaegan has served one term

**Member-at-Large (no geographic restriction):** vacated by Dr Holder

Regular or honorary members may nominate or be nominated with the condition that nominees for the Asia/Australia positions must currently reside within that region.

Nominations should be sent to the Secretary-General mentioning the position and naming the nominee, the nominator and a seconder with confirmation that the nominee agrees.

The **2006 Emiko Adachi Award** is open for nominations. ISCEV members are invited nominate a candidate who has given outstanding service to our society. Send the name of your nominee to the Secretary-General. Candidates will be considered by the Board and the Awards committee.

## ISCEV BOARD OF DIRECTORS

President: Michael BACH [michael.bach@uni-freiburg.de](mailto:michael.bach@uni-freiburg.de)

### Vice Presidents

Europe/Africa: Colin BARBER  
Asia/Australia: Atsushi MIZOTA  
Americas: Donald C HOOD

Secretary-General: Daphne L McCULLOCH [dlmc@gcal.ac.uk](mailto:dlmc@gcal.ac.uk)

Treasurer: Ulrich KELLNER [iscev@retinascience.de](mailto:iscev@retinascience.de)

Editor-in-Chief: J Vernon ODOM

Director of International Communications: David KEATING

Director of Education: Graham E HOLDER

Director of Standards: Mitchell BRIGELL

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