meeting; (3) the possibility of partial financial support. Applications must include the following information: (1) the topic, purpose, location and date(s) of the meeting; (2) the names and titles of the members of the scientific organizing committee; (3) a list of all co-sponsoring institutions, if any, and sources of financial support; (4) the total revenue and expense budget for the proposed meeting, by major category; (5) the names and institutions of origin of all invited speakers, and their topics; (6) a statement as to whether manuscripts will be solicited from invited speakers, or free communications sought from others; (7) an expression of willingness to include the following acknowledgment on all publications: "... was held under the auspices of the International Society of Nephrology."

These guidelines do not apply to satellite symposia to be held in close proximity to a triennial Congress. Furthermore, the ISN will not sponsor or co-sponsor any regularly scheduled or routine international, national, or regional meeting, nor will it co-sponsor postgraduate courses with other international societies or groups.

Applications for sponsorship must be submitted directly to Dr. Klaus Thurau, President, International Society of Nephrology, Department of Physiology, University of Munich, 12 Pettenkoferstrasse, 8000 Munich 2, Federal Republic of Germany.

Supplements to Kidney International

Limited funds are available for the partial financial support of the direct cost of publication of the proceedings of meetings to be published as Supplements to Kidney International. Individual awards cannot exceed US $5,000. Application must be made to the Editor; it must include the date and place of the proposed meeting, a list of other sponsors, a final program (including speakers), an estimate of the number and length of manuscripts, and an expression of willingness to participate in the editorial process, including the submission of manuscripts to a modified form of peer review.

ISN Archive

Dr. Carl Gottschalk has accepted the responsibility to establish an Archive of the International Society of Nephrology. The Archive will consist of photographs, announcements, activities, and names of Council Members and Officers of the Society. Relevant information, documents, or photographs that are pertinent to the development and evolution of the ISN will be assembled in the Archive.

Members of the ISN or other readers of Kidney International having such material are requested to forward it to Dr. Gottschalk at the following address: Carl W. Gottschalk, M.D., Department of Medicine 226-H, University of North Carolina, Chapel Hill, North Carolina 27514 USA.

MEETINGS

A conference on Chloride, Bicarbonate and Proton Transport Systems, sponsored by The New York Academy of Sciences, will be held January 19-21, 1989 at the Sheraton Centre, New York, New York, USA. The mechanism of these transport systems will be covered at the membrane and molecular levels through conductive, antiport, symport and active electrogenic pathways in animal and plant cells, organelles and reconstituted channels. Deadline for submission of abstracts is September 15, 1988. For further information, contact Conference Department, The New York Academy of Sciences, 2 East 63rd Street, New York, New York 10021, USA. Telephone: (212) 838-0230.

The Kidney in Systemic Disease is the topic of the annual Santa Fe Ski Symposium to be held on March 2-4, 1989 in Santa Fe, New Mexico, USA. For further information, contact the National Kidney Foundation of New Mexico, Inc., 1715 Girard Blvd., N.E. Albuquerque, New Mexico 87106, USA. Telephone: (505) 266-4573.

The XXI European Symposium on Calcified Tissues will be held in Jerusalem, Israel from March 12-16, 1989. The scientific program will include plenary sessions by invited keynote speakers, oral presentations, posters and workshops. A few of the topics that will be offered are: osteoblast regulation and function, bone marrow and osteogenesis, biomineralization, mechanical and electrical modulation of bone, phosphate transport and blockers, aluminum associated and other metabolic bone diseases, and biophosphonates. For further information contact S. Wientroub, M.D., Department of Histology and Cell Biology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv 69978, Israel. Telephone: 972-3-208777; FAX 972-3-203848.

Nutrient Modulation of Progressive Renal Injury is a meeting sponsored by the National Institute of Diabetes and Digestive & Kidney Diseases which will be held on April 2-4, 1989 in Airlie, Virginia, USA. Topics will include the role of lipids in non-immune renal disease, nutritional influences on protein turnover growth and repair of the kidney, nutritional influences on immune-mediated renal disease, and protein/amino acid and energy requirements as modified by renal disease. Abstract submission deadline is January 6, 1989. For further information, contact Mackenzie Walser, M.D., Johns Hopkins School of Medicine, 725 North Wolfe Street, Baltimore, Maryland 21205, USA. Telephone (301) 955-3832.

The Second International Assisi Symposium on The Heart in Renal Diseases and in Dialysis will be held in Assisi, Italy, on April 6-8, 1989. Topics will deal with heart and kidney in systemic disease (diabetes, immunopathies, AIDS), with cardiac and renal derangement in hypertension, and diatomic cardioprotection. For further information contact Dr. Mario Timio, M.D., Department of Nephrology and Dialysis, 06038 Spello-Urville, Italy. Telephone 0742/651109, 652755.

The Lithium in Renal Physiology Conference, sponsored by the International Society of Nephrology, will be held in Utrecht on April 26 and 27, 1989. For further information, please contact Prof. Evert J. Dorhout Mees, Department of Nephrology & Hypertension, University Hospital Utrecht, Catharinastraat 101, 3511 GV, Utrecht, The Netherlands.

The Treatment and Monitoring of Renal Patients is an international congress which will be held on April 27-29, 1989 in Bologna, Italy. This date coincides with the 20th anniversary of the founding of the Malpighi Department of Nephrology and Dialysis. The meeting will focus on the analysis of data for the treatment of renal patients, primarily those who have glomerulonephritis or cardiovascular instability during dialysis. Abstracts are due January 15, 1989. For further information contact Pietro C. Zucchelli, M.D., Department of Nephrology and Dialysis, Malpighi Hospital, Via Pelagio Palagi, 9, 40138 Bologna, Italy. Telephone: 051/6362111.

A meeting on Radionuclides in Nephro-Urology will be held
The Second Copenhagen Symposium on Uroradiology, Imaging and Intervention will be held at Herlev Hospital, University of Copenhagen, Herlev, Denmark, on August 27–30, 1990.
Featured topics will include: upper urinary tract imaging and intervention, contrast medium nephrotoxicity, hydroureter/obstruction, the urinary bladder, genital radiology, the adrenal glands, and free communications. Deadline for abstracts is March 1, 1990. For further information, contact Henrik S. Thomsen, M.D., Ph.D., Dept. of Diagnostic Radiology 54E2, Herlev Hospital, DK-2730 Herlev, Denmark. Phone: + 45 2 94 27 33 ext. 278.

**Continuing Education**

*Advanced Nephrology: Nephrology for the Consultant* is a course sponsored by the University of California, San Diego, USA on January 26–28, 1989. The registration fee is $350 for physicians and $175 for Fellows and Residents; the accreditation is 18 hours of AMA category 1. For further information contact Shirley Kolkey, Conference Coordinator, Meeting Management, 3770 Tansy Street, San Diego, California 92121. Telephone: (619) 453-6222.

**Teaching tool: Computer model of glomerular filtration rate**

This announcement is a notice for a computer simulation for determining the single nephron glomerular filtration rate (SNGFR). Eight independent variables are used within the model: afferent resistance, efferent resistance, mean arterial pressure transmitted to the renal arteriole, serum protein concentration, hematocrit, hydraulic permeability of the glomerular basement membrane, pressure in Bowan's space, and pressure within the peritubular capillary.

Two graphic formats are available. With the first, variables are set to user defined specific values, and a graph of the oncotic pressure, net hydrostatic pressure, and ultrafiltration versus a normalized length of glomerular capillary is generated. This output is useful for examining the magnitude of the instantaneous net driving force for ultrafiltration and for demonstrating if or when filtration equilibrium is achieved. The second format generates a three-dimensional topographic map of any two variables versus glomerular filtration rate, glomerular blood flow, or glomerular pressure. For example, afferent resistance versus efferent resistance versus the resultant single nephron GFR with all other variables fixed.

National Societies

The Secretary General of the *International Society of Nephrology* is endeavoring to bring the Society's list of national societies up-to-date. Many such national societies are not affiliated with the ISN or their affiliation has lapsed. To retain their affiliated status and to vote at the General Assembly, a list of individual members is required to be sent annually. Secretaries of national societies therefore are asked to provide the Secretary General with the address to which correspondence should be sent, together with a list of their officers and individual members, and a formal application for affiliation where this has lapsed. Please send these to Dr. Claude Amiel, Département de Physiologie, Faculté de Médecine Xavier Bichat, 16 rue Henri Huchard, 75018 Paris, France.

The *American Society of Nephrology* announces a service to its non-American colleagues. For an annual fee of US $55, the ASN will send its mailings and announcements, including a copy of the annual abstract book (first class rates only). Checks for $55, drawn only on a US bank, along with your name and desired mailing address should be sent to the ASN National Office, Suite 700, 1101 Connecticut Ave., NW, Washington, DC 20036.

**Awards and Grants**

1989 *Markey Fellowship Program*. Applications are invited from investigators in the biological and biomedical sciences for summer research fellowships at the Mount Desert Island Biological Laboratory, an internationally renowned institute for comparative physiology and marine biology. Using vertebrate and invertebrate fauna from the Gulf of Maine, Laboratory researchers pursue diverse interests including the comparative physiology of the kidney, cell membrane transport, the mechanisms of cell division, and cellular and molecular aspects of environmental toxicology. Preference is given to applicants who are several years beyond the completion of the doctorate, who demonstrate evidence of an independent research program, and who are still in relatively early phases of research careers. The Fellowships, sponsored by the Lucille P. Markey Trust, include laboratory space, housing, supplies and equipment, and other allowances, depending on individual needs. Applications and instructions for the preparation of brief proposals may be obtained by contacting: Dr. Donald A. McCrimmon, Associate Director, Mount Desert Island Biological Laboratory, Dept. S, Sanborndt Cove, Maine 04672, USA. Telephone (207) 288-3605. The deadline for completed applications is January 1, 1989.

The *Society of Italian-American Nephrologists* has established a fellowship for young Italian nephrologists. The fellowships are for one year, renewable, and have to be performed in American universities. The winners of fellowships for this academic year are Pietro Castellino (sponsor: Ralph DeFronzo, M.D.), Alessandro Fornasieri (sponsor: Curtis Wilson, M.D.), Bruno Di Paolo (sponsor: Allen Arieff, M.D.) and Giuseppe Rombola (sponsor: Daniel Battle, M.D.). Italian nephrologists interested in applying for these fellowships should contact Dr. Vito M. Campese, LAC/USC School of Medicine, Division of Nephrology, 2025 Zonal Avenue, Los Angeles, CA 90033, USA, or Dr. Lino Scarpioni, P.O. Box 169, 29100 Piacenza, Italy. These fellowships are made possible by grants of Fiuggi S.p.A. (Italy), and Baxter-Travenol (USA-Italy).