



SHORT CUTS



Thomas G. Luerssen, MD, Editor

March 1998

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Luis Schut, MD, Named 1998 Matson Lecturer

The Joint Section on Pediatric Neurological Surgery is proud to announce that Dr. Luis Schut, Professor Emeritus of Neurosurgery and Pediatrics at the Children's Hospital of Philadelphia and the University of Pennsylvania, has been named as the 1998 Donald D. Matson Lecturer. Dr. Schut's lecture is entitled, "Reminiscences of a Pediatric Neurosurgeon," and will be presented during the Pediatric Section's Session of the 1998 AANS Annual Meeting in Philadelphia. Up until his retirement last year, Dr. Schut was the Chief of Pediatric Neurosurgery at the Children's Hospital of Philadelphia (CHOP).

While he has authored numerous scientific publications, Dr. Schut is known primarily as a teacher and advocate for children with neurosurgical disorders. Early in his career he co-founded the first multidisciplinary spina bifida clinic. He was also instrumental in the formation of multidisciplinary programs at CHOP for children with craniofacial disorders, central nervous system tumors and epilepsy. He began the first fellowship training program in pediatric neurosurgery in North America. He has been in

the forefront of all of the major pediatric neurosurgical societies and organizations. He is past president of the International Society for Pediatric Neurosurgery and the American Society of Pediatric Neurosurgeons. He is past Chairman of the Joint Section on Pediatric Neurosurgery of the AANS and CNS. He was a founding member of the Accreditation Council for Pediatric Neurosurgery and the American Board of Pediatric Neurological Surgery.

Dr. Schut has been a visiting professor in 24 countries on 5 continents. He has been very involved with bringing pediatric neurosurgical care to underdeveloped countries and has served as an advisor to both Project Hope and The Save The Children Foundation.

Dr. Schut's lecture will be given at the Joint Section on Pediatric Neurosurgery Scientific Session on Tuesday, April 28, 1998, at 2:45 PM. A reception in Dr. Schut's honor will be given that evening. For more information about events at the AANS Annual Meeting, please see page 4.

Joint Section on Pediatric Neurological Surgery Officers and Standing Committees, 1997-98

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Phone: 601.984.5702

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Beth Israel North Medical Center

Joseph H. Piatt, Jr. MD
Oregon Health Sciences University
Phone: 503.494.8070

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1820 Richmond Road, S.W.
Calgary, Alberta, T2T 5C7
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Nominating Committee Chairman:

Harold L. Rekate, MD

Rules and Regulations Committee Chairman:

Alan R. Cohen, MD

Program and Continuing Education Committee Chairman:

Frederick A. Boop, MD

Section Business

The Section has taken several actions during recent meetings.

NEW MEMBERS-AT-LARGE ELECTED

The Nominating Committee of the Pediatric Section nominated and approved Drs. Bruce Kaufman and C. Scott McClanahan to serve as Members-At-Large of the Executive Committee from 1998–2000. The Joint Section would like to thank I. Richmond Abbott, MD, and Joseph Piatt, MD, who will complete their terms in April of 1998, for their service to the Section.

SECTION WELCOMES NEW MEMBERS

At the Business Meeting of the Joint Section in December, the following physicians were welcomed into the Section as Active Members: Benjamin Carson, MD, Neil Feldstein, MD, Herbert Fuchs, MD, Michael Healy, MD, Veetai Li, MD, Ralph Loomis, MD, Joseph Madsen, MD, William Morris, MD, Luis Rodriguez, MD, Benjamin Warf, MD, and Gene Wickersham, MD. Nejat Akalan, MD, and Ahmad Ammar, MD, were elected as International Associate Members of the Section. Saleh Baesa, MD, Jeffrey Blount, MD, Michael Burke, MD, Stephanie Einhaus, MD, Paul Francel, MD, David Frim, MD, Timothy George, MD, Paul Grabb, MD, and Steven Huhn, MD, were elected as Active Provisional Members of the Section.

Membership applications to join the Joint Section on Pediatric Neurological Surgery are available through the Membership Committee Chairman, S. Terrence Myles, MD, of Calgary, Alberta, Canada or are available on-line by accessing **NEUROSURGERY://ON-CALL®**.

FUTURE ANNUAL MEETING SITES CHOSEN

The Executive Committee was asked to determine the sites for the Winter Meeting of the Joint Section through the year 2002. Over the past year, applications were accepted from a variety of locations. The Executive Committee's deliberations were guided strongly by the results of the recent survey of the membership about the location and format of this meeting. The following future meeting sites were awarded:

- 1999—Atlanta, Georgia, with Dr. Joseph Petronio as meeting director
- 2000—San Diego, California, with Dr. Hector James as meeting director
- 2001—New York, New York, with Dr. I. Richmond Abbott, III as meeting director
- 2002—Phoenix, Arizona, with Harold L. Rekate, as meeting director

Applications are now being accepted for meeting sites for the year 2003. Those members interested in hosting a meeting should send their request in writing to the Secretary of the Joint Section on Pediatric Neurological Surgery. These applications will be considered at the Executive Committee Meeting in December of 1998 in Indianapolis.

JOINT SECTION ENDORSES FELLOWSHIP TRAINING

The Joint Officers of the AANS and CNS requested that each Section provide a statement regarding fellowship training in their specialty. The following resolution was adopted by unanimous vote of the Pediatric Section members present at that December Business Meeting: *"The Joint Section on Pediatric Neurological Surgery of The American Association of Neurological Surgeons and Congress of Neurological Surgeons endorses subspecialty fellowship training in neurological surgery. To this end, the Section endorses the guidelines for fellowship training in pediatric neurosurgery already established by the Accreditation Council for Pediatric Neurosurgery."*

LIFETIME ACHIEVEMENT AWARD CREATED

The Joint Section on Pediatric Neurological Surgery has established a new award honoring a lifetime of service to pediatric neurosurgery. The award has been named in honor of Dr. Franc Ingraham. The Franc Ingraham Distinguished Service Award allows the Section to honor pediatric neurosurgeons who have dedicated their career to the advancement of the specialty and their service to children and children's hospitals. Robin P. Humphreys, MD, of the Hospital for Sick Children is the chairman of this award's committee.

Any outstanding pediatric neurosurgeon can be nominated for this award by three active members of the Section who communicate the nomination in writing to Dr. Humphreys. Winners of this award will receive a medal struck specifically in their honor and a \$1000 contribution to their institution. The award will be given at the Winter Meeting of the Section.

TWO TRAVELING FELLOWSHIPS AWARDED FOR 1998

Two resident traveling fellowships in pediatric neurosurgery were awarded by the Joint Section for 1998. The committee, chaired by R. Michael Scott, MD, reviewed several outstanding applications. Out of those applications, the committee selected Mark D. Krieger, MD, a resident in the University of Southern California neurosurgical program, and Michael D. Taylor, MD a resident in the University of Toronto program. Dr. Krieger will use the fellowship to visit Professor Maurice Choux at the Hopital d'Enfants de la Timone in Marseilles, France; and, Dr. Taylor was selected to visit the Children's Hospital in Boston. Congratulations to both of these residents on this award. The Joint Section hopes their experiences at these institutions will be fruitful and continue to stimulate their interest in pediatric neurosurgery.

News from N://OC®

by Mark Dias, MD

The Pediatric Section of the **NEUROSURGERY://ON-CALL® (N://OC®)** Web site has seen the addition of several new features over the past year, and the editorial board is hard at work implementing several new features for the near future. Unfortunately, growing pains caused a few “unexpected” results, including an infinite loop on the Pediatric Neurosurgery Listserve which caused subscribers to receive many duplicate e-mail messages, and an inadvertent loss of some electronically submitted abstracts for the Joint Section meeting. I have been assured by the AANS office that these problems have been eliminated, and we hope to have a smoother product in the future.

Among the new Pediatric additions to the **N://OC®** site are:

- A Pediatric links section on the Web Guide portion of **N://OC®** from which Web surfers can jump to many additional sites of interest to pediatric neurosurgeons, including links to the ABPNS, ASPN, and ISPN Web sites, as well as pediatric neurosurgical departmental Web pages and links to other organizations who care for children. Members who wish to add a link should send information to Mark Dias at mdias@chob.edu
- A “Frequently Asked Questions” section on hydrocephalus for the lay public in the Public Pages section of the Web site
- Information about upcoming Section meetings and links to hotels and local information
- Electronic submission of abstracts for the Section meeting
- On going information about other meetings and courses of interest to pediatric neurosurgeons
- A listing of Joint Section officers and committee members, along with many e-mail addresses
- Pediatric neurosurgical fellowship information

- Books and periodicals of interest to Joint Section members

In addition to the Web site, a Pediatric Neurosurgery Listserve has been established and currently has over 125 subscribed members. All section members and anyone interested in pediatric neurosurgery may become members for free by going to <http://www.aans.org/listserve/subunsub.html> and following the instructions.

Future Pediatric Neurosurgery **N://OC®** projects include:

- A liaison with Karger to publish abstracts from issues of Pediatric Neurosurgery
- Expanded links to a variety of other Web sites of interest to pediatric neurosurgeons
- Development of a digital database of pediatric neurosurgical images (CT, MRI, angiography, clinical and operative photographs, etc.) which would be readily shared free of charge by other members
- Informational “brochures” for the general public and other healthcare professionals about pediatric neurosurgical topics. In addition to the hydrocephalus information currently available, future topics will include neurosurgical management of spasticity in children, spina bifida, occult spinal dysraphism, neuroendoscopy, craniosynostosis, head trauma in children, and spine injuries in children.

The editorial board members are very excited about this project and wish to make it a huge success for Joint Section members and any others who care for children. Any members wishing to contribute ideas or content, or who wish to serve as editorial board members, should contact Mark Dias at mdias@chob.edu

Pediatric Section Meets in New Orleans

The 1997 Winter Meeting of the Joint Section on Pediatric Neurological Surgery was held in New Orleans from Dec. 2–5, 1997. There were over 330 registrants for the meeting, which included 70 scientific papers and 25 posters.

The Kenneth Shulman Award was awarded to the best paper presented by a resident at the meeting and was given to Michael Drewek, MD, of the Vanderbilt University neurosurgical program. Dr. Drewek’s paper is entitled “Quantitative Analysis of the Toxicity of Human Amniotic Fluid to Rat Fetal Spinal Cord Cultures” and he will re-present his work at the upcoming meeting of the Section during the AANS Annual Meeting in Philadelphia. At that time, he will be presented with a certificate and an honorarium by Marion L. Walker, MD, Chairman of the Section.

The Co-Annual Meeting Chairmen were Richard A. Coulon, MD, and Joseph M. Nadel, MD, and the Joint Section would like to extend its appreciation to them both for an excellent job.

The 1998 Winter Meeting of the Joint Section on Pediatric Neurological Surgery will be held in Indianapolis from December 1–4, 1998. Please watch **N://OC®** for updated meeting information.

Pediatric Neurosurgery Highlights of the 1998 AANS Annual Meeting

MONDAY, APRIL 27

Breakfast Seminars

104 Pediatric Epilepsy

Moderator: *Richard North*

Panelists: *Glenn Morrison, Paul Kanev, Ann-Christine Duhaime, Philip Villanueva, Gordon Baltuch*

105 Controversies in Pediatric Craniofacial Surgery

Moderator: *J. Gordon McComb*

Panelists: *Mark Dias, David Jimenez, James Goodrich, Derek Bruce*

106 Surgery of the Craniocervical Junction in Pediatric Patients

Moderator: *Arnold Menezes*

Panelists: *David Gordon McLone, David Adelson, Gerald Tuite, Benjamin Carson*

Scientific Session I

2:45–5:15 PM

709 The Value of Clinical Symptoms and Signs in Predicting Shunt Failure. *Hugh Garton, John Kestle, James Drake. Discussant: Alexa Canady*

712 Predictive Value of Temporary External Drainage in Normal Pressure Hydrocephalus. *Dimitris Zevgaridis, Julian Krott, Adolf Seichert, Ingo Uttner, Hans-Juergen Reulen. Discussant: Peter McL. Black*

Scientific Session II

2:45–5:15 PM

719 Effects of Surgical Revascularization on Outcome of Patients with Pediatric Moyamoya Disease. *Tatsuya Ishikawa, Kiyohiro Houkin, Hiroshi Abe. Discussant: R. Michael Scott*

Scientific Session III

2:45–5:15 PM

734 Current Patterns of Inflicted Head Injury in Children. *Shervin Rahimdashti, Debra Decker, Ashfaq Razaq, Alan Cohen. Discussant: Ann-Christine Duhaime*

735 Head Injury in Abused Children. *Javad Hekmat-Panah, Linda Callans, Pia Pannaraj. Discussant: Thomas Luerssen*

Scientific Session IV

2:45–5:15 PM

742 Ten Year Experience With Slit Ventricle Syndrome in Children. *Robert Sanford, Michael Muhlbauer, Stephanie Einhaus, Errol Thomas. Discussant: Fred Epstein*

TUESDAY, APRIL 28

Breakfast Seminars

204 Pediatric Critical Care

Moderator: *Thomas Luerssen*

Panelists: *Michael Rosner, Randall Chesnut, Ann-Christine Duhaime, Harold ReKate*

205 Management of Pediatric Hydrocephalus

Moderator: *Dale Swift*

Panelists: *Steven Haines, Leslie Sutton, Maurice Choux, Veetai Li*

Plenary Session II

9:45–11:20 AM

751 The Shunt Design Trial: Variation In Surgical Experience Didn't Influence Shunt Survival. *John Kestle, James Drake. Discussant: Marion Walker*

WEDNESDAY, APRIL 29

Breakfast Seminars

305 The Tethered Cord: Current Management

Moderator: *David Gordon McLone*

Panelists: *Dachling Pang, Marion L. Walker, W. Jerry Oakes, Mark Dias*

306 Pediatric Vascular Disorders

Moderator: *Michael Edwards*

Panelists: *Michael Levy, R. Michael Scott, Charles Teo*

309 Surgery on the Brachial Plexus: Indications and Techniques

Moderator: *Alan Hudson*

Panelists: *David Kline, Michel Kliot, John McGillicuddy, Susan Tindall*

THURSDAY, APRIL 29

Breakfast Seminars

404 Pediatric Brain Tumors

Moderator: *Harold Hoffman*

Panelists: *Karin Muraszko, Ian Pollack, Maurice Choux*



Philadelphia. Photo courtesy of the Philadelphia Convention and Visitors Bureau.

Section on Pediatric Neurological Surgery Scientific Session, Tuesday 2:45–5:30 PM

Donald Matson Memorial Lecture

2:45–3:15 PM

“Reminiscences of a Pediatric Neurosurgeon”

Luis Schut, MD

Kenneth Shulman Memorial Award

3:15–3:30

“Quantitative Analysis of the Toxicity of Human Amniotic Fluid to Rat Fetal Spinal Cord Cultures”

Michael Drewek, MD

Scientific Program

3:30–5:30

Moderator: *Marion L. Walker*

Co-Moderator: *Thomas G. Luerssen*

815 Cerebellar Astrocytomas in the Age of Modern Imaging. *Jeffrey W. Campbell, Ian F. Pollack, Ronald Hamilton, Barbara Shultz*

816 External Hydrocephalus: A Pitfall in the Evaluation of Suspected Child Abuse. *Joseph H. Piatt*

817 Psychopharmacologic Treatment of Pediatric Brain Injury. *Donald Mahalick, Peter Carmel, Walter Molfsky, Jacqueline Bartlett, Mark McDonough*

818 Radiographic and Morphologic Characterization of a New Model of Hydrocephalus in Transgenic Mice. *Alan Cohen, Davie Leifer, Jonathan Lewin, W. David Lust*

819 Surgical Results For Frontal Lobe Epilepsy in Children. *Mark R. Lee, Joseph R. Smith, Mark D. Smith*

820 Complications and Hazards with Invasive Electrodes in Pediatric Epilepsy Surgery. *Steven J. Schiff, Steven L. Weinstein, Joan Conry, William D. Gaillard.*

821 Intraventricular Delivery For Gene Therapy in the Fatal Pediatric Neurogenetic Disorder, Canavan Disease. *Matthew During, Andrew Freese, Frank Sorgi, Leaf Huang, Larissa Bilaniuk*

822 Anterior Circulation Strokes Following Non-Accidental Head Injuries In Children: A Proposed Mechanism. *Earle Troup, Robert Sanford, Deanna Ratliff*

News from the Hydrocephalus Association

Editorial Note: The Hydrocephalus Association of San Francisco, California has a long history of supporting the activities of the Joint Section on Pediatric Neurological Surgery. The editor has asked the Hydrocephalus Association to write what he hopes will be a recurring column about their activities.

The 5th National Conference on Hydrocephalus for Families and Professionals will be held in Washington, DC, from March 26–29. The Conference, called Focus on the Future, is presented by the Hydrocephalus Association, a national non-profit organization based in San Francisco, and is hosted by Children's National Medical Center, Washington, DC.

The goal of this bi-annual conference is to give individuals, families and professionals the tools they need to address the medical, educational and social challenges of hydrocephalus. Conference medical directors, Philip H. Cogen, MD, PhD, and Harold L. Rekate, MD, together with a committee from the Hydrocephalus Association, have planned for a variety of technical sessions, workshops and interactive session focusing on four areas: Learning about hydrocephalus, preparing for life with hydrocephalus, living with hydrocephalus and adult-onset normal pressure hydrocephalus.

Hydrocephalus Association Resident's Award

Since 1989, the Hydrocephalus Association has been presenting a yearly award to the Best Research Paper on hydrocephalus by a neurosurgical resident. The recipient of this award is selected at the Winter Meeting of the Joint Section on Pediatric Neurological Surgery of the AANS and CNS. The award is given in memory of Henry Werdegar.

Past recipients are:

1989 Eric Altsculer
 1990 S. D. Michowiz
 1991 Neshar F. Asner
 1992 Marcia DaSilva
 1993 Charles Bondurant
 1994 Monica C. Wehby-Grant
 1995 Richard J. Fox
 1996 Martha J. Johnson

The purpose of this award is to promote research on, and interest in, the treatment and diagnosis of hydrocephalus.

For more information on Hydrocephalus Association activities, please contact:

Hydrocephalus Association
 870 Market Street, Suite 955
 San Francisco, CA 94102
 (415) 732-7040
 FAX (415) 732-7044
 e-mail: hydroassoc@aol.com
 Web site: <http://neurosurgery.mgh.harvard.edu/ha/>



Mark your calendar now to attend these 1998 courses!

NEUROSURGICAL REVIEW BY CASE MANAGEMENT:

ORAL BOARD PREPARATION

May 24–26 • Cedar Rapids, Iowa
 November 8–10 • Houston, Texas

MINIMALLY INVASIVE NEUROSURGERY:

NEUROENDOSCOPY – HANDS-ON

November 13–14 • Cleveland, Ohio

1998 REIMBURSEMENT UPDATE FOR NEUROSURGEONS

June 11–13 • Minneapolis, Minnesota (Foundations)
 August 27–29 • Chicago, Illinois (Foundations)
 May 29–31 • Orlando, Florida (Advanced)
 November 13–15 • Cancun (Advanced)

For more information, call the AANS Professional Development Department at (847) 692-9500, or email us at info@aans.org.

The AANS wishes to acknowledge our **Professional Development Educational Partners** for their generous support of medical education.



1998 Calendar of Neurosurgical Events

Society of University Neurosurgeons

March 25–28, 1998
Memphis, Tennessee
(206) 368-1626

1998 National Conference on Hydrocephalus for Families and Professionals

March 26–29, 1998
Washington, DC.
Doubletree Hotel, Arlington, Virginia
(415) 732-7040

Pennsylvania State Neurosurgical Society

April 3, 1998
Philadelphia, Pennsylvania
(717) 558-7750

1998 AANS Annual Meeting

April 25–30, 1998
Philadelphia, Pennsylvania
(847) 692-9500

1998 AANS/CNS Joint Section on Tumors Satellite Symposium

April 30–May 1, 1998
Philadelphia, Pennsylvania
(847) 692-9500

Texas Association of Neurological Surgeons

May, 1998
(817) 465-7764

Southern Neurosurgical Society

June 3–7, 1998
Hot Springs, Virginia

Society of Neurological Surgeons

May 10–12, 1998
St. Louis, Missouri
(617) 636-5858

Neurosurgical Society of America

May 13–17, 1998
Quebec, Canada
(210) 567-5625

Georgia State Neurosurgical Society

May 22–24, 1998
Sea Island, Georgia
(404) 876-7535

American Board of Neurological Surgery

May 25–28, 1998
Iowa City, Iowa
(713) 790-6015

Iowa-Midwest Neurosurgical Society

May 26–29, 1998
Iowa City, Iowa
(402) 559-4301

American Medical Association Annual Meeting

June 14–18, 1998
Chicago, Illinois
(312) 464-5000

Rocky Mountain Neurosurgical Society

June 14–18, 1998
Vail, Colorado

Canadian Neurosurgical Society

June 16–20, 1998
Montreal, Quebec

Residency Review Committee for Neurological Surgery (ACGME)

June 26–27, 1998
Durango, Colorado

XXVI Meeting of the International Society for Pediatric Neurosurgery

September 13–17, 1998
Melbourne, Australia
(61) 3-9682-0244
FAX: (61) 3-9682-0244
e-mail: ispn98@icms.com.au

American Board of Medical Specialties

September 17, 1998
Chicago, Illinois
(847) 491-9091

Western Neurosurgical Society

September 12–15, 1998
Napa, California

American College of Surgeons Annual Meeting

October 25–30, 1998
Orlando, Florida
(312) 202-5000

American Academy of Neurological Surgery

November 3–8, 1998
Santa Barbara, California
(313) 936-5015

XVI Biannual Congress of the European Society for Pediatric Neurosurgery

November 12–15, 1998
Marseille, France
(33) 4-91-49 31 74
FAX: (33) 4-91 47 81 70
e-mail: mchoux@ap-hm.fr

Society for Neuro-Oncology

November 13–15, 1998
San Francisco, California

AANS/CNS Pediatric Section Meeting

December 1–4, 1998
Indianapolis, Indiana
(847) 692-9500

American Epilepsy Society

December 4–10, 1998
San Diego, California
(860) 586-7505

1998 CNS Annual Meeting



**October 3–8, 1998
Seattle, Washington
Information: Annual Meetings
Service Department
(847) 692-9500**

Joint Section on Pediatric Neurological Surgery
of The American Association of Neurological Surgeons
and Congress of Neurological Surgeons
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Park Ridge, Illinois 60068-4287

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