

NEWS WOMEN IN NEUROSURGERY



President's Message 2010

An Incredible Year For WINS...But Much Left To Do



*Aviva Abosch, M.D., Ph.D.
President, WINS
Director of Epilepsy,
Functional and Stereotactic
Neurosurgery
Department of Neurosurgery
University of Minnesota
Medical Center*

2009 was a spectacular year for Women in Neurosurgery (WINS). This year marked the arrival of the 20th anniversary of WINS, commemorated by our 20th Anniversary Gala at the Annual AANS Meeting in San Diego. Geraldine Brooks, the 2009 Louise Eisenhardt lecturer, addressed the Gala audience, spoke of her career in journalism and as an author, and fielded questions from the audience.



*Geraldine Brooks addresses the WINS 20th
Anniversary Breakfast Gala in San Diego, 2009*

Ms. Brooks provided insight into her struggles as a woman in a traditionally male-dominated field, reflecting on her experiences as a foreign correspondent for the Wall Street Journal. She also described her personal journey from foreign correspondent to author—a transition that ultimately led to the publication of her novel, *March* (Penguin, 2006), for which she won the Pulitzer Prize. Honored guests at the Gala

included Honorary Chair Mrs. Debbie Bean, President of the AANS Dr. James Bean and many of the Executive Board Members of the AANS, CNS, CSNS, ABNS, and the SNS.



*The "Friends of WINS" Award is dedicated to the
President of AANS, Dr. James Bean, by 2008-2009
WINS President Dr. Lauren Schwartz.*

Corporate sponsorship of the educational activities included in the 20th Anniversary Gala was unprecedented and overall attendance at the breakfast was outstanding.

Another notable WINS accomplishment for 2009 included the publication of *Heart of a Lion, Hands of a Woman* (Donning Company, 2009)—an inspiring collection of essays and artwork edited by Drs. Deborah Benzil and Karin Muraszko. This collection was undertaken as a celebration of the 20th anniversary of WINS and represents the memoirs, reflections, and personal expression of women who have shared similar struggles in their pursuit of our profession. Over 200 copies have already been sold.

2009 also saw the hosting of two events: the WINS Northeastern Regional Meeting in New York City and the First Annual Women In Spine Symposium (WISE), sponsored by Stryker. WISE, a two-day event, took place in December in Las Vegas, NV, at the ScienceCare Center. The meeting was Co-Chaired by Drs. Lauren Schwartz and Michele Johnson. Participants included female neurosurgeons, residents, physician's assistants, and operating room nurses.

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Spring 2010

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Heart of a Lion,
Hands of a Woman

THE 2010 LOUISE EISENHARDT RESIDENT TRAVEL SCHOLARSHIP



*Erin Kiehna, MD
Fourth Year Neurosurgery Student,
University of Virginia*

Pseudotumor Cerebri after Surgical Remission of Cushing's Disease

This paper and award will be presented at the 2010 AANS Annual Meeting in Philadelphia, PA during the AANS Section on Pediatrics on Wednesday, May 5, 2010, 4:01–4:08 PM.



Louise Eisenhardt

The Louise Eisenhardt Resident Travel Scholarship is granted yearly to an outstanding resident abstract accepted at the American Association of Neurosurgical Surgeons Annual Meeting. Up to a \$2000 stipend is given to cover travel expenses. Interested residents may submit their abstracts through the AANS Abstract Center and indicate WINS award consideration.

An Incredible Year For WINS...But Much Left To Do

Continued from page 1

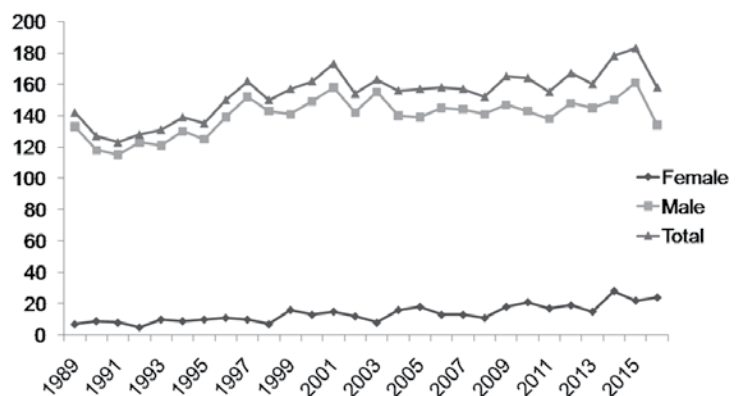
The keynote speaker for the first evening was Dr. Debra Petrucci, MD, a successful spine neurosurgeon in private practice in New York and the first female graduate of the Massachusetts General Hospital neurosurgery residency training program. Dr. Petrucci discussed the key elements of establishing a practice in spinal surgery. The second day of the WISE Symposium included case presentations and a panel discussion of these cases by experts in the field. A cadaver lab course with stations for each major spinal instrumentation procedure was also included in this symposium.

In spite of all the wonderful accomplishments in 2009, including the highlights and accomplishments showcased in this WINS 2010 Newsletter, the statistics remain somewhat grim: Women now account for 49% of medical school graduates in the U.S., but we represent only 12% of all neurosurgery residents (Figure 1)—less than the percentage of women in general surgery, otolaryngology, thoracic surgery, and orthopedics. Additionally, women represent only 5% of ABNS-certified, practicing neurosurgeons.



Participants of the First Annual Women in Spine Symposium in Las Vegas in December, 2009.

Figure 1. Percentage of Female Neurosurgery Residents in the U.S. By Year, Projected Through 2017:



In reflecting back over the significant strides of 2009 and the twenty year legacy of WINS, there is much we can still accomplish.

Aviva Abosch, M.D., Ph.D., 2009-2010 WINS President



*Mary Sue Coleman,
President of the
University of Michigan*

Join us for the Women in Neurosurgery Breakfast Reception at the AANS 2010 Annual Meeting

Wednesday, May 5, 2010

7:30 - 9:00 a.m.

**Liberty Ballroom at the
Philadelphia Marriott Downtown**

Tickets are \$100

Residents & Medical Students Free - registration required

Diversity and the Next 25 Years: Are We Moving Fast Enough?

Mary Sue Coleman, PhD, has led the University of Michigan since being appointed its 13th president in August 2002. As the current president, she has unveiled several major initiatives which will have an impact on future generations of students, the intellectual life of the campus, and society at large. Under her leadership, the University launched "The Michigan Difference," a campaign to raise \$2.5 billion for the future of the institution. At its conclusion in December 2008, the campaign finale stood at \$3,200,733,103 – the highest ever by a public university.

Dr. Coleman earned her undergraduate degree in chemistry from Grinnell College and her doctorate in biochemistry from the University of North Carolina. She holds honorary doctorates from Grinnell College, Luther College, the University of Kentucky, Albion College, Dartmouth College, Shanghai Jiao Tong University, Northeastern University, the University of Toledo, and the University of Notre Dame.

As a biochemist, Dr. Coleman built a distinguished career through her research on the immune system and malignancies.

At the University of Michigan, she holds appointments of Professor of Biological Chemistry in the Medical School and Professor of Chemistry in the College of Literature, Science, and the Arts. President Coleman is regarded as a national spokesperson on the educational value of diverse perspectives in the classroom. Her extensive leadership positions in higher education include serving on the Association of American Universities Executive Committee, the Internet Board of Directors, the National Collegiate Athletic Association Board of Directors, and the Knight Commission on Intercollegiate Athletics.

2010 AANS Louise Eisenhardt Lecture

President Mary Sue Coleman

9:45—10:04 a.m.

Wednesday, May 5, 2010

**Pennsylvania Convention Center
Ballroom AB**

Female Authors, Speakers, Panelists, and Moderators at the 2010 AANS Annual Meeting in Philadelphia

SATURDAY, MAY 1, 2010 PRACTICAL CLINICS

001 Hands-On Peripheral Nerve of the Upper Extremities

Co-Directors: Allan J. Belzberg, MD, Rajiv Midha, MD, MS, FRCS
Faculty: John E. McGillicuddy, MD, Robert J. Spinner, MD, FACS, Christopher J. Winfree, MD, **Lynda Jun-san Yang, MD, PhD**, Eric L. Zager, MD

SUNDAY, MAY 2, 2010 PRACTICAL CLINICS

006 Decision Making and the Spine Patient for Nurses, APRNs and PAs

Co-Directors: Dean Barone, PA-C, MPAS, Twyila Lay, NP, MS
Faculty: Christopher J. Barry, MD, Steven Casha, MD, PhD, Joseph S. Cheng, MD, MS, Marc E. Eichler, MD, **Emily D. Friedman, MD**, Marianne E. Langlois, PA-C, Alfred T. Ogden, MD, Nancy Eleanor Villanueva, ANP-C

007 Deep Brain Stimulation: Update and New Directions

Co-Directors: Robert G. Grossman, MD, Stephen B. Tatter, MD, PhD
Faculty: **Aviva Abosch, MD, PhD**, Ron L. Alterman, MD, Jeffrey E. Arle, MD, PhD, Roy A. E. Bakay, MD, Nicholas M. Boulis, MD, Patrick J. Connolly, MD, Brian H. Kopell, MD, Alon Y. Mogilner, MD, PhD, Michael Y. Oh, MD, Joshua M. Rosenow, MD, Ashwini D. Sharan, MD, Philip A. Starr, MD, PhD

008 Spinal Radiosurgery

Co-Directors: Mark H. Bilsky, MD, Peter C. Gerszten, MD, MPH
Faculty: **Lilyana Angelov, MD, FRCSC**, Steven D. Chang, MD, Jason P. Sheehan, MD, PhD, Kevin C. Yao, MD

010 Brain Mapping Techniques in Adult and Pediatric Neoplasms and Epilepsy

Co-Directors: Gerald A. Grant, MD, Guy M. McKhann II, MD
Faculty: Nicholas M. Barbaro, MD, Gene H. Barnett, MD, FACS, Mitchel S. Berger, MD, FACS, William E. Bingaman Jr., MD, Peter M. Black, MD, PhD, **Isabelle M. Germano, MD, FACS**

011 Choosing and Developing a Neurosurgical Practice

Co-Directors: Edward Robert Smith, MD, G. Edward Vates, MD, PhD
Faculty: H. Hunt Batjer, MD, FACS, Lawrence S. Chin, MD, FACS, William T. Couldwell, MD, PhD, Joseph A. Hlavin, PA-C, **J. Nozipo Maraire, MD**, Gregory J. Zipfel, MD

013 Peripheral Nerve Injuries, Entrapments and Tumors: Examination and Evaluation

Co-Directors: **Line Jacques, MD**, Robert J. Spinner, MD, FACS
Faculty: Allan H. Friedman, MD, FACS, **Holly S. Gilmer, MD**, Allen H. Maniker, MD, John E. McGillicuddy, MD

018 Coding, Compliance and Revenue Issues in Spine Coding

Director: Joseph S. Cheng, MD, MS
Faculty: **Mina Foroohar, MD, FACS**, R. Patrick Jacob, MD, FACS, Robert R. Johnson II, MD, FACS, John G. Piper, MD, Kim Pollock, RN, MBA, John Kevin Ratliff, MD, FACS, John A. Wilson, MD, FACS

029 Developing Philanthropic Opportunities to Support Community Based and Academic Program

Co-Directors: Robert F. Heary, MD, **Edie E. Zusman, MD, FACS**
Faculty: Mitchel S. Berger, MD, FACS, Neil A. Martin, MD, **Ann R. Stroink, MD**

020 Head and Spine Trauma: Current Treatments and Controversies with Hands-On Practical Session in Brain Monitoring and Techniques

Co-Directors: Geoffrey T. Manley, MD, PhD, **Shelly D. Timmons, MD, PhD**
Faculty: Julian E. Bailes Jr., MD, M. Ross Bullock, MD, PhD, Robert C. Cantu, MD, FACS, William M. Coplin, MD, Anthony Marmarou, PhD, Raj K. Narayan, MD

019 Update on Malignant Brain Tumors for the General Neurosurgeon

Co-Directors: Andrew T. Parsa, MD, PhD, Michael William Weaver, MD
Faculty: Manish K. Aghi, MD, Anthony L. Asher, MD, FACS, Richard W. Byrne, MD, **Alexandra J. Golby, MD**, John G. Golfinos, MD, **Amy B. Heimberger, MD**, Frederick F. Lang Jr., MD, **Linda M. Liau, MD, PhD**, Russell R. Lonser, MD, John H. Sampson, MD, PhD

021 Cranial Radiosurgery

Director: Antonio A. F. De Salles, MD, PhD
Faculty: Steven D. Chang, MD, William A. Friedman, MD, FACS, **Alessandra Augusta Gorgulho, MD**, Michael J. Link, MD, Ajay Niranjana, MD

Female Authors, Speakers, Panelists, and Moderators at the 2010 AANS Annual Meeting in Philadelphia (cont.)

028 Neurotrauma Critical Care Review and Update for the Practicing Neurosurgeon

Co-Directors: Craig H. Rabb, MD, FACS, **Patricia B. Raksin, MD**

Faculty: Ahmed E. Badr, MD, Perry A. Ball, MD, FACS, Kathryn Marie Beauchamp, MD, Kevin J. Gibbons, MD, FACS, David O. Okonkwo, MD, PhD, Roland A. Torres, MD, Philip Andrew Villanueva, MD

031 Neurosurgery 2020: A Bright Future

Director: **Deborah L. Benzil, MD**

Faculty: John D. Davis IV, MD, Thomas L. Francavilla, MD, **Kathryn Ko, MD**, Ravi Kumar, **Darlene A. Lobel, MD**, **Karin M. Muraszko, MD**, Daniel M. Sciubba, MD, Gary Robert Simonds, MD, Randall W. Smith, MD, **Shelly D. Timmons, MD, PhD**, Craig Andrew Van Der Veer, MD, Graeme Woodworth, MD

032 Coding, Compliance and Revenue Issues in Cranial, Non-Spine and E&M Coding

Director: Joseph S. Cheng, MD, MS

Faculty: **Mina Foroohar, MD, FACS**, R. Patrick Jacob, MD, FACS, Robert R. Johnson II, MD, FACS, Alexander M. Mason, MD, John G. Piper, MD, Kim Pollock, RN, MBA, John Kevin Ratliff, MD, FACS

MONDAY, MAY 3 BREAKFAST SEMINARS

103 Lumbar Spine Fusion

Moderator: **Joan Frances O'Shea, MD**

Panelists: Andrew T. Dailey, MD, Eric M. Massicotte, MD, MSc, Russ P. Nockels, MD, Daniel K. Resnick, MD

106 Functional Mapping of the Cerebral Cortex: Advantages and Limitations

Moderator: Richard W. Byrne, MD

Panelists: Gerhard M. Friehs, MD, P. Charles Garell, MD, **Isabelle M. Germano, MD, FACS**, Hiroto Kawasaki, MD, Daniel L. Silbergeld, MD

107 Chiari Malformations: Diagnosis Treatments and Failures

Moderator: Edward H. Oldfield, MD

Panelists: Ulrich Batzdorf, MD, Bermans J. Iskandar, MD, Arnold H. Menezes, MD, **Karin M. Muraszko, MD**

114 Intracranial Endoscopy

Moderator: Alan R. Cohen, MD, FACS

Panelists: Jacques Caemaert, MD, Prof, James M. Drake, MD, David F. Jimenez, MD, FACS, **Jody Leonardo, MD**, Henry W. S. Schroeder, MD, PhD

115 Malignant Brain Tumors: State-of-the-Art Treatment

Moderator: Joseph M. Piepmeier, MD

Panelists: Ennio Antonio Chiocca, MD, PhD, Francesco DiMeco, MD, **Linda M. Liau, MD, PhD**, Andrew T. Parsa, MD, PhD, Timothy C. Ryken, MD

SCIENTIFIC SESSION I—TUMOR

Moderators: Frederick F. Lang Jr., MD, **Linda M. Liau, MD, PhD**

614 SYNTHES SKULL BASE AWARD

Gamma Knife Radiosurgery for Pituitary Adenomas: Factors Related to Radiologic and Endocrine Outcomes in a Series of 400+ Patients

Authors: Jason P. Sheehan, MD, PhD; Nader Pouratian, MD, PhD; Edward Laws, MD; **Mary Lee Vance, MD (Charlottesville, VA)**

SCIENTIFIC SESSION III— STEREOTACTIC AND FUNCTIONAL

627 First Results of the Interim Analysis of the Randomized Controlled SVASONA Trial for Idiopathic Normal Pressure Hydrocephalus (ISRCTN51046698)

Authors: Ullrich Meier, MD, PhD; Johannes Lemcke, MD (Berlin, Germany); **Cornelia Müller, MD**; Michael Fritsch, MD, PhD; Michael Kiefer, MD, PhD; **Regina Eymann, MD, PhD (Greifswald, Germany)**; Uwe Kehler, MD, PhD; Niels Langer, MD (Hamburg, Germany); Veit Rohde, MD, PhD; Hans-Christoph Ludwig, MD, PhD (Gottingen, Germany); Friedrich Weber, MD, PhD; Veceslav Remenez, MD (Cologne-Merheim, Germany); Martin Schuhmann, MD, PhD (Tubingen, Germany); Dirk Stengel, MD, PhD (Berlin, Germany)

631 Radiosurgery in Multiple Metastases, (=4), Criterias of Treatment

Authors: Kita Sallabanda Diaz, MD, PhD; Jose Samblas Garcia, MD, FACS; Jose Carlos Bustos, MD, PhD; Jose Angel Gutierrez Diaz, MD, PhD; Cesar Beltran, MD, FACS; **Graciela Gracia, MD, FACS**; Cramen Peraza, PhD; Jose Miguel Delgado, PhD; Hugo Marsiglia, MD, Prof (Madrid, Spain)

Female Authors, Speakers, Panelists, and Moderators at the 2010 AANS Annual Meeting in Philadelphia (cont.)

SCIENTIFIC SESSION IV—PEDIATRICS

633 Predictors of Long-Term Survival in Children with Juvenile Pilocytic Astrocytoma

Authors: Debraj Mukherjee, MD, MPH; **Stephanie Downing, MD**; David C. Chang, MD; Hadie Adams, MD; George I. Jallo, MD; Benjamin S. Carson, MD; Alfredo Quinones-Hinojosa, MD (Baltimore, MD)

SCIENTIFIC SESSION VI— NEUROTRAUMA & CRITICAL CARE

651 The Influence of Insurance Status on Transfer for Head Injury Patients at Massachusetts General Hospital from 1993-2009

Authors: **Maya Babu, BS**; Brian V. Nahed, MD; Marc A. DeMoya, MD; William T. Curry, MD (Boston, MA)

TUESDAY, MAY 4 BREAKFAST SEMINARS

206 Surgical Treatment of Parkinson's Disease

Moderator: Philip A. Starr, MD, PhD

Panelists: **Aviva Abosch, MD, PhD**, M. Sam Eljamel, MD, FRCS, Kenneth A. Follett, MD, PhD, Robert R. Goodman, MD, PhD

217 Cerebral Trauma State-of-the-Art Treatment

Moderator: Alex B. Valadka, MD, FACS

Panelists: Austin R. Colohan, MD, FACS, Allen H. Maniker, MD, Geoffrey T. Manley, MD, PhD, David O. Okonkwo, MD, PhD, **Jamie S. Ullman, MD**

218 The Spectrum of Adjuvant Therapy for Brain Tumors

Moderator: Frederick F. Lang Jr., MD

Panelists: Jeffrey N. Bruce, MD, FACS, **Amy B. Heimberger, MD**, Randy Lynn Jensen, MD, PhD, Douglas W. Laske, MD, James M. Markert Jr., MD

220 Pediatric Head Injury

Moderator: Thomas G. Luerssen, MD

Panelists: Joel C. Boaz, MD, **Ann-Christine Duhaime, MD**, Hugh J. L. Garton, MD, MHSc

AFTERNOON COURSE

500 Advancements in Neurotrauma Care

Moderator: Twyila Lay, NP, MS

Speakers: Jonathan R. Jagid, MD, Marianne E. Langlois, PA-C, Geoffrey T. Manley, MD, PhD, Ava Puccio, RN, PhD, **Shirley I. Stiver, MD, PhD**, **Shelly D. Timmons, MD, PhD**

AANS CEREBRO-VASCULAR SECTION

707 AANS MEDICAL STUDENT SUMMER RESEARCH FELLOWSHIP

Neural Proliferation of Bone Marrow-Derived Cells in a Murine Model of Intracerebral Hemorrhage

Authors: **Teresa Wojtasiewicz**; Paul Gigante; Christopher P. Kellner; Justin Gorski; Mason Yeh; Sergei Sosunov; Brian Y. Hwang; Raqeeb M. Haque, MD; E. Sander Connolly Jr., MD (New York, NY)

716 Gender Differences in Clinical Presentation and Treatment Outcomes in Moyamoya Disease

Authors: **Nadia Khan, MD**; Achal S. Achrol, MD; Raphael Guzman, MD; Robert Dodd, MD, PhD; Teresa Bell-Stephens, RN; Gary K. Steinberg, MD, PhD (Stanford, CA)

AANS SECTION ON NEUROTRAUMA AND CRITICAL CARE

Moderators: Michael G. Fehlings, MD, PhD, **Shelly D. Timmons, MD, PhD**

AANS SECTION ON STEREOTACTIC AND FUNCTIONAL SURGERY

Moderators: **Aviva Abosch, MD, PhD**, Michael G. Kaplitt, MD, PhD (AANS/CNS Stereotactic and Functional Section Jointly Sponsored by Pediatric Section Symposium)

720 The History of Hemispherectomy for Epilepsy: From Radical Anatomic Resections to Less Invasive Hemispheric Disconnections

Authors: Biji Bahuleyan, MD; **Shenandoah Robinson, MD, FACS**; Alan R. Cohen, MD, FACS (Cleveland, OH)

Female Authors, Speakers, Panelists, and Moderators at the 2010 AANS Annual Meeting in Philadelphia (cont.)

724 Complete Resection as Strongest Predictor of Seizure Freedom after Surgery for Malformations of Cortical Development

Authors: Edward Chang, MD; Doris Wang, MD; Anthony Barkovich, MD; Tarik Tihan, MD; Paul Garcia, MD; Nicholas M. Barbaro, MD (San Francisco, CA)

726 White Matter Connectivity of Human Hypothalamus

Authors: Jean-Jacques Lemaire (Clermont-Ferrand, France); Andrew J. Frew, PhD; David MacArthur, MD, MPH; Alessandra A. Gorgulho, MD; Nader Pouratian, MD; Noriko Salomon, MD (Los Angeles, CA); Clive Chen, MD (Taipei, Taiwan); Eric J. Behnke, MSc; Antonio A.F. DeSalles, MD, PhD (Los Angeles, CA)

AANS SOCIOECONOMIC SESSION

Moderators: Deborah L. Benzil, MD, Darlene A. Lobel, MD

Leveraging Political Influence at the Federal Level

Speaker: Gail L. Rosseau, MD

730 Post-Operative Outcomes Among Older Patients with Pituitary Tumors

Authors: Debraj Mukherjee, MD, MPH; Rachel Grossman, MD; Kaisorn L. Chaichana, MD; David C. Chang, PhD; Roberto Salvatori, MD; Henry Brem, MD; Alfredo Quinones-Hinojosa, MD (Baltimore, MD)

732 The Surgeon's Choices, and Choice of Surgeons, Affect the Cost of Single-Level Anterior Cervical Surgery

Authors: Nancy E. Epstein, MD (New Hyde Park, NY); Garry Schwall, RPA-C (Mineola, NY)

734 MEDICAL STUDENT ABSTRACT AWARD (YNS)

Does Age Impact Outcome Following Subdural Hematoma Evacuation?

Authors: Gina Deck, BS; James Carroll, MD; Sing Chau Ng; Jennifer Tseng, MD; Julie Pilitsis, MD, PhD (Worcester, MA)

AANS SECTION ON SPINE

743 Human Serotonergic hNT2.19 Cell Therapy in a Contusive Spinal Cord Injury Model: Route of Transplantation Impacts Motor Versus Sensory Recovery

Authors: Stacey Quintero Wolfe, MD (Honolulu, HI); Yerko Berrocal, BS; Damien D. Pearse, PhD; Mary J. Eaton, PhD (Miami, FL)

AANS SECTION ON TUMOR I

Symposium: Brain Tumor Immunotherapy

Moderators: Roberta P. Glick, MD

John H. Sampson, MD, PhD

Inhibition of Regulatory T-Cell Immunosuppression in GBM

Speaker: Amy B. Heimberger, MD

TUMOR SECTION BUSINESS MEETING

749 The Utility of Pre-Operative BAERs as a Predictor of Hearing Preservation in Patients with Vestibular Schwannomas

Authors: Erin E. Biro; Scott Meyer; Yakov Gologorsky; Donald Weisz; Kalmon Post (New York, NY)

WEDNESDAY, MAY 5 BREAKFAST SEMINARS

302 Cerebral Neuromonitoring

Moderator: Odette Althea Harris, MD, MPH

Panelists: Helmut Bertalanffy, MD, Prof, Jeremy D. W. Greenlee, MD, Lawrence F. Marshall, MD, Shirley I. Stiver, MD, PhD, Daniel Yoshor, MD

303 Emerging Concepts in Stem Cell Biology and Cell Based Therapies

Moderator: John A. Boockvar, MD

Panelists: Daniel James Guillaume, MD, Daniel A. Lim, MD, PhD, Nathan R. Selden, MD, PhD, Viviane S. Tabar, MD, Victor C. K. Tse, MD, PhD

304 International Opportunities in Neurosurgery

Moderator: Benjamin T. White, MD

Panelists: Atos Alves De Sousa, MD, Merwyn Bagan, MD, MPH, Armando Basso, MD, Yoko Kato, MD, Gail L. Rosseau, MD

Female Authors, Speakers, Panelists, and Moderators at the 2010 AANS Annual Meeting in Philadelphia (cont.)

305 Epilepsy: New Surgical Treatment and Management Approaches

Moderator: Lisa P. Mulligan, MD

Panelists: Nicholas M. Barbaro, MD, Frederick A. Boop, MD, FACS, Gerald A. Grant, MD, Kathryn Lois Holloway, MD, Guy M. McKhann II, MD, Dennis D. Spencer, MD

307 Peripheral Nerve Entrapment Syndromes

Moderator: Eric L. Zager, MD

Panelists: Allan J. Belzberg, MD, David G. Kline, MD, Shaun Thomas O'Leary, MD, PhD, Robert J. Spinner, MD, FACS, Lynda Jun-san Yang, MD, PhD

311 Update in Psychosurgery

Moderator: G. Rees Cosgrove, MD, FRCSC

Panelists: Aviva Abosch, MD, PhD, Paul S. Larson, MD, Kendall H. Lee, MD, PhD, Michael Y. Oh, MD, Parag G. Patil, MD, PhD

317 Neuromodulation for Chronic Pain

Moderator: Christopher J. Winfree, MD

Panelists: George T. Mandybur, MD, Alon Y. Mogilner, MD, PhD, Julie Georgia Pilitsis, MD, PhD, Joshua M. Rosenow, MD, Donald M. Whiting, MD

PLENARY SESSION III LOUISE EISENHARDT LECTURE

Introduced By: Karin M. Muraszko, MD

Speaker: Mary Sue Coleman, PhD

802 Endoscopic Third Ventriculostomy in Adults: A Technique to Deal with the Neural (Opaque) Floor

Authors: Walter Grand, MD; Jody Leonardo, MD (Buffalo, NY)

804 Cortical Biopsy and Empirical Post-Operative Shunt Programming: A Novel Approach to Idiopathic Normal Pressure Hydrocephalus

Authors: Joel A. Bauman, MD; Peter Madsen, BS; Roy Hamilton, MD, MS; Sunil Patel, MS; Anuj Basil, MD (Philadelphia, PA); Eric M. Jackson, MD (Boston, MA); Edward B. Lee, MD; Joanna Lopinto, BSN, RN; Steven E. Arnold, MD; Christopher M. Clark, MD; Leslie M. Shaw, MD; John Q. Trojanowski, MD, PhD; M S. Grady, MD (Philadelphia, PA)

AANS SECTION ON HISTORY

814 Harvey Cushing's Contributions to Mapping the Motor and Sensory Cortex 1896-1912

Authors: Courtney Pendleton, BS; Hasan A. Zaidi, BS; Shaan Raza, MD; Kaisorn Chaichana, MD; Benjamin S. Carson, MD (Baltimore, MD); Aaron A. Cohen-Gadol, MD, MSc (Indianapolis, IN); Alfredo Quinones-Hinojosa, MD (Baltimore, MD)

817 Intraneural Ganglia: From Curiosity to Controversy to Characterization

Authors: Robert J. Spinner, MD; Marie-Noelle Hebert-Blouin, MD; Huan Wang, MD; Diana Angius, MD; Janine Hegarty (Rochester, MN)

AANS SECTION ON PAIN

Moderators: Alon Y. Mogilner, MD, PhD, Julie Georgia Pilitsis, MD, PhD

AANS SECTION ON PEDIATRICS

DONALD D. MATSON LECTURE

Introduced By: Ann-Christine Duhaime, MD

824 Predictors for Outcome After Surgery for Chiari Malformation Type 1

Authors: Katherine E. Hekman, BA; Leonardo Aliagra, BA; Aman Gaurav-Luther, BS; David M. Frim, MD, PhD (Chicago, IL)

WINS LOUISE EISENHARDT RECIPIENT

825 Pseudotumor Cerebri after Surgical Remission of Cushing's Disease

Authors: Erin Kiehna, MD (Charlottesville, VA); Meg Keil, RN; Maya Lodish, MD; Constantine Stratakis, MD (Bethesda, MD); Edward H. Oldfield, MD (Charlottesville, VA)

826 Results from a 20-Year Experience of Pediatric Arteriovenous Malformation Radiosurgery

Authors: Bruce E. Pollock, MD; Michael J. Link, MD; Paula J. Schomberg, MD (Rochester, MN)

Female Authors, Speakers, Panelists, and Moderators at the 2010 AANS Annual Meeting in Philadelphia (cont.)

AANS SECTION ON PERIPHERAL NERVE

Moderators: Allen H. Maniker, MD, Lynda Jun-san Yang, MD, PhD

AANS SECTION ON TUMOR II

842 Quantification of Glioma Removal by Intraoperative High-Field Magnetic Resonance Imaging

Authors: Daniela Kuhnt, MD (Marburg, Germany); Sven Martin Schlaffer; Oliver Ganslandt, PhD, MD; Michael Buchfelder, PhD, MD (Erlangen, Germany); Christopher Nimsky, PhD, MD (Marburg, Germany)

843 SETA – Simplified Endoscopic Transnasal Approach

Authors: Yvonne Mondorf, MD; Katja Plasmans, MD; Michael Robert Gaab, MD, PhD (Hannover, Germany)

844 PREUSS AWARD

Modeling Angiogenesis and Therapeutic Response to Notch Inhibition in a Novel 3-D Organotypic Culture System of Glioblastoma

Authors: Viviane S. Tabar, MD; Rong Wang, PhD; Fumiko Shimizu, PhD; Georgia Panagiotakos, BS; Maartje van der Heijden; Tamara Major, PhD; Jayanthi Menon, MS; Koos Hovinga, MD (New York, NY)

847 Clinical Outcomes after Surgical Resection of Lesions in Eloquent Cortex using Functional MRI

Authors: Mark P. Garrett, MD; David Wilson, MD; Leslie Baxter, PhD; Kris Smith, MD (Phoenix, AZ)

PRACTICAL CLINICS/ EXTENDER PROGRAMS

500 Advancements in Neurotrauma Care

Moderator: Twyila Lay, NP, MS

Speakers: Jonathan R. Jagid, MD, Marianne E. Langlois, PA-C, Geoffrey T. Manley, MD, PhD, Ava Puccio, RN, PhD, Shirley I. Stiver, MD, PhD, Shelly D. Timmons, MD, PhD

Congratulations to all Women Neurosurgeons Board-Certified in 2008 & 2009

Simone Alise Betchen, MD
Stephanie G. Greene, MD
Naina Lynn Gross, MD
Jeanette M. Liu, MD
J. Nozipo Maraire, MD
Katrina G. Murphy, MD, PhD
Donna A. Saatman, MD
Carrie Lee Shulman, MD
Karin R. Schwartz, MD
Francesca D. Tekula, MD
Lynda Jun-san Yang, MD, PhD

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MEET THE OFFICERS 2009 - 2010



Aviva Abosch, MD, PhD
President

Dr. Abosch received her medical degree and Ph.D. in neurobiology from the University of Pittsburgh. She is a faculty member in the Department of Neurosurgery at the University of Minnesota Medical Center, where she is Director of Epilepsy, Stereotactic and Functional Neurosurgery. Her research interests include neural mechanisms underlying abnormal movement in Parkinson's disease, and neuroanatomical pathways of abnormal behavior and the movement disorders, using a combination of high-field, functional, and diffusion tensor MRI. She is on the Board of Directors of the American Association of Stereotactic and Functional Neurosurgery.

Shelly Timmons, MD, PhD
President-Elect



Dr. Timmons completed her residency training in neurological surgery and her Ph.D. at the University of Tennessee Health Science Center-Memphis. She is a neurological surgeon with Semmes-Murphy Clinic in Memphis, TN, Associate Professor of Neurosurgery and Chief of Tennessee Health Science Center Department of Neurosurgery, and Chief of Neurosurgery at the Regional Medical Center at Memphis/Elvis Presley Memorial Trauma Center. She is actively engaged in clinical research, primarily aimed at improving outcomes after traumatic brain injury.



Odette Althea Harris, MD, MPH
Secretary-Treasurer

Dr. Harris received her medical degree and completed residency training at Stanford University, and received an MPH from the University of California, Berkeley. She is currently Acting Associate Professor of Neurosurgery at Stanford University. She is the Director of Brain Injury at Stanford University Medical Center, the Associate Chief of Staff in Polytrauma and Veterans Affairs at the Palo Alto Health Care System, Director of the Defense Veterans Brain Injury Center, and Visiting Consultant of Neurosurgery for the Department of Surgery at the University Hospital of the West Indies. Her research focuses on the epidemiology and outcomes of traumatic brain injury.

WINS NEUROSURGEONS IN THE NEWS...WINS NEUROSURGEONS IN THE NEWS...

Cathy Mazzola, MD adopted two more sisters from Poland this past January. The girls joined their three brothers already ensconced in the Mazzola family. The children are happily learning English and adapting to life in the United States in their new family (see picture).



A blog promoting and growing women in neurosurgery has been started by **Deborah Benzil, MD, FACS**. Peruse and contribute to the new blog at <http://womenneurosurgeons.blogspot.com>.

Life is proving to be abundantly busy and successful for **Joan O'Shea, MD**. She is now President of South Jersey Surgical Center in Mt. Laurel, NJ, has been elected Chief of Spine in the Virtua Health System of Southern New Jersey and recently gave birth to a beautiful baby boy, her fourth child.

Maryam Rahman, MD, a fifth year neurosurgery resident at the University of Florida, recently earned her Masters of Science in Clinical Investigation, culminating a two year fellowship studying malignant glioma growth patterns and developing novel therapies for GBM.

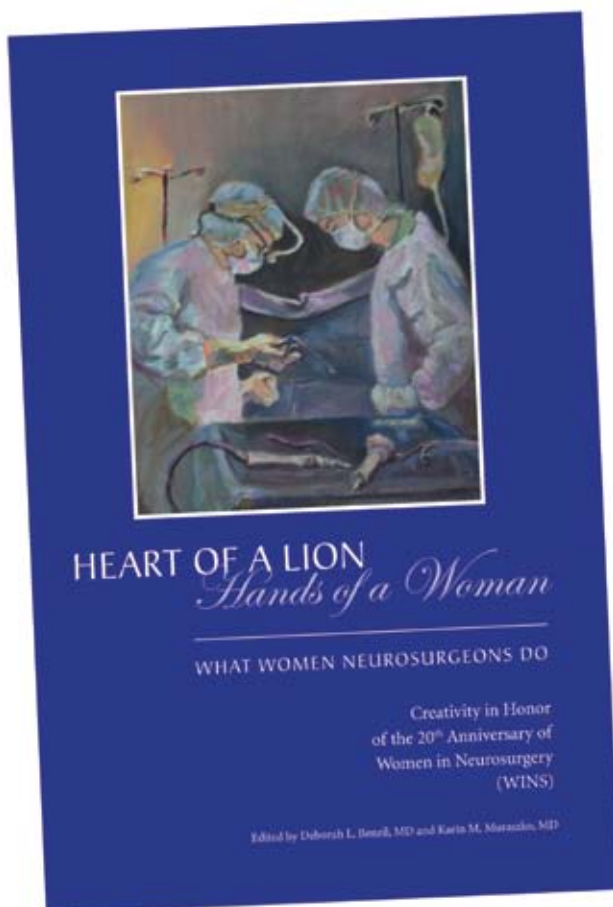
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*To educate, inspire,
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The Fourth Annual WINS Breakfast Reception

features Mary Sue Coleman, PhD.

Wednesday, May 5, 2010

7:30—9:00 a.m. at the

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*For more information or tickets the WINS Breakfast Reception,
contact Melissa Hackett at mmh@aans.org or 847-378-0531.*

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