

Western Neurosurgical Society
56th Annual Meeting
Draft, 7/31/10

Scientific Program
Saturday, October 9, 2010
Session I, Day 1

Moderators:	Charlie Nussbaum, Marvin Bergsneider
7:30-7:35	Welcome David Newell WNS President 2010
7:35 – 7:45	Allan Hamilton Memorial for L Phillip Carter, MD, FACS President WNS 2009-10
7:45 – 8:00	“A Novel technique for Sacro-iliac Fusion: case series” Carter Beck (Member Candidate)
8:00 – 8:05	Discussion
8:05 – 8:20	“A novel endoscopic-assisted surgical procedure for correction of sagittal synostosis in infants under 2 months of age” Michael Muhonen (Member Candidate)
8:20 – 8:25	Discussion
8:25 – 8:40	“Gamma Knife Radiosurgery as a Treatment Option for Trigeminal Neuropathy” J Adair Prall (Member Candidate)
8:40 – 8:45	Discussion
8:45 – 9:00	“Advanced Corpectomy Techniques” Rod Oskouian, Jr. (Member Candidate)
9:00 – 9:05	Discussion
9:05 – 9:20	“5-ALA Fluorescence Guidance in the Resection of Cerebral Gliomas: A single institutional experience” Jeff Chen (Member Candidate)
9:20 – 9:25	Discussion

9:25 – 9:40 “Outpatient Anterior Cervical Discectomy and Fusion: Indications and Clinical Experience in Consecutive Series of 390 Patients”
Peter Shin (Member Candidate)

9:40 – 9:45 Discussion

9:45 – 10:00 “An Introduction to the Endoscopic, Endonasal Skull Base Approach”
G Michael Lemole (Member Candidate)

10:00 – 10:05 Discussion

10:05 – 10:35 Break

**Session II,
Day 1**

Moderators: Austin Colohan, Moustapha Abou-Samra

10:35-10:50 “What will you do with the rest of your life?”
James Ausman (Member)

10:50 – 10:55 Discussion

10:55 – 11:10 “The Art and Science of Medical Simulation-the Practice of Practicing Neurosurgery”
Allan Hamilton (Member)

11:10 – 11:15 Discussion

11:15 – 11:45 Special Lecture
J. Doyne Farmer, PhD, Santa Fe Institute
“Market Dynamics and the Meltdown of 2008”

11:45 – 11:50 Introduction of Ablin Lecturer, David Newell

11:50 – 12:20 Ablin Lecture
Chris Wood, PhD, Vice President for Administration, Santa Fe Institute
“What Kind of Computer is the Brain?”

**Scientific Program
Sunday, October 10
Session III,**

Day 2

Moderators: Mark Linskey, Howard Yonas

8:00 – 8:15 “Intraoperative CT Registration and Electromagnetic Neuronavigation for Transsphenoidal Pituitary Surgery: Accuracy and Time-Effectiveness”
Bob Shafa (Guest)

8:15 – 8:20 Discussion

8:20 – 8:35 “Closed therapy of thoracic and lumbar vertebral body fractures in trauma patients: A prospective series”
Iman Feiz-Erfan (Guest)

8:35 - 8:40 Discussion

8:40 – 8:55 Resident Award Abstract – Clinical Science
“Frontal Burr Hole through an Eyebrow Incision for Image-Guided Endoscopic Evacuation of Spontaneous Intracerebral Hemorrhage”
Justin Dye, UC Los Angeles

8:55 – 9:00 Discussion

9:00 – 9:15 Resident Award Abstract – Basic Science
“Immune Cell Infiltrates Distinguish Low Grade from High Grade Astrocytomas: Evidence of distinct tumor immunological Microenvironments that reflect tumor biology”
Isaac Yang, UC San Francisco

9:15 – 9:20 Discussion

9:20 – 9:25 Introduction of Cloward Lecturer, John Bonner

9:25 – 10:00 Cloward Lecture
Sean Mullan, MD
“Some Neurosurgical Fossils”

10:00 – 10:30 Break

Scientific Program Session IV, Day 2

Moderators: Paul Turner, Richard Wohns

- 10:30 – 10:45 “Constraints: Tensile elements of the back and medialized screw placement in the Lumbar Spine”
Stephen Ritland (Guest)
- 10:45 – 10:50 Discussion
- 10:50 – 11:05 “Long Term Results of Cerebral Revascularization for Aneurysms, Tumors, and Ischemia”
Laligam Sekhar (Member)
- 11:05 – 11:10 Discussion
- 11:10 – 11:25 “Epoxyeicosatrienoic Acids (EETs) Promote Axon Outgrowth in Cultured Peripheral Neurons”
Emun Abdu (Guest, Resident, OHSU)
- 11:25 – 11:30 Discussion
- 11:30 – 11:40 Introduction of President, Kim Burchiel
- 11:40 – 12:10 Presidential Address
David Newell
“The Making of a Neurosurgeon, Past, Present and Future”

Scientific Program
Monday, October 11
Session V,
Day 3

- Moderators: Mark Linskey, Paul Muizelaar
7:30 – 10:00 Mini Symposium – Regionalization of Neurosurgical Care
- Pediatric Neurosurgery – Michael Edwards (Member)
Neurotrauma – Alex Valadka (Guest)
Stroke – Marc Malkoff (Guest)
Cerebrovascular Neurosurgery – Michael Lawton (Member)
- 10:00 – 10:30 Break

Scientific Program
Session VI,

Day 3

Moderators: Charlie Nussbaum, Larry Shuer

10:30 – 10:45 “Altitude Sickness - How High is Too High?”

Jeff Rush (Member)

10:45 – 10:50 Discussion

10:50 – 11:05 “Destructive procedures for control of cancer pain: The case for cordotomy” Kim Burchiel (Member)

11:05 – 11:10 Discussion

11:10 – 11:25 “Ultrasound Enhanced Lysis of Intracerebral Hemorrhage”

David Newell (Member)

11:25 – 11:30 Discussion

11:30 Meeting Adjourn