40th Annual Meeting of the American Society of Pediatric Neurosurgeons
The Fairmont Kea Lani, Maui, HI - January 22 – January 27, 2017

FINAL PROGRAM
updated 12-22-2016

Monday, January 23, 2017

Joint Session with American Society of Craniofacial Surgery: ASCFS

6:45 am – 9:45 am  Breakfast for Registered Physicians and Registered Guests

7:30 am – 7:40 am  Welcoming Remarks
                      Rich Ellenbogen, M.D.; Sam Browd, M.D.; Richard Hopper, M.D.

7:30 am – 9:00 am  General Session I: If, When and How to Treat ICP in Patients with Synostosis
                      Panel Chairman: Mark Krieger, M.D., Los Angeles, CA

7:40 am – 7:50 am  Preoperative Incidence of Raised ICP in Sagittal Synostosis
                      Steven Wall, M.D., Oxford, England

7:50 am – 8:00 am  HICUP: Hydrocephalus and Increased Pressure Causing Unnecessary Procedures
                      Owase Jeelani, M.D., United Kingdom

8:00 am – 8:08 am  Riding the Bone-Pressure Wave: Protocoled Early Shunting for Complex Synostosis
                      Richard Hopper, M.D., Seattle, WA

8:08 am – 8:18 am  Treating the Cause of ICP in Complex Craniosynostosis: Breathing Matters
                      Irene Mathijssen, M.D., Rotterdam, Netherlands

8:18 am – 9:00 am  Discussion

9:00 am – 9:15 am  Beverage Break

9:15 am – 10:25 am  General Session II: If, When and How to Treat Chiari Malformation in Patients with Synostosis
                      Panel Chairman: Rich Ellenbogen, M.D., Seattle, WA

9:15 am – 9:25 am  Occipital Approach to the Chiari Malformation
                      Brad Weprin, M.D., Dallas, Texas

9:25 am – 9:30 am  Simultaneous Sub-occipital Decompression during Posterior Cranial Vault Surgery—
                      Technique
                      David Sacco, M.D., Dallas, TX

9:30 am – 9:35 am  Simultaneous Sub-occipital Decompression during Posterior Cranial Vault Surgery—
                      Outcomes
                      Jeffery Fearon, M.D., Dallas, TX

9:35 am – 9:40 am  Bi-coronal Approach to Chiari Malformation
                      Ruth Bristol, M.D., Phoenix, AZ

9:40 am – 9:45 am  Early Experience with Posterior Cranial Vault Distraction to Treat Chiari
                      Malformation
                      Stephen Dover, M.D., Birmingham, United Kingdom
9:45 am – 10:25 am  Discussion
10:25 am – 10:40 am  Beverage Break
10:40 am – 12:15 pm  General Session III: If, When and How to Treat Patients with Sagittal Synostosis
Panel Chairman: Mark Proctor, M.D., Boston, MA
10:40 am - 10:48 am  Sagittal Synostosis: Pi procedure: long-term data and comparison to strip cranietomy and endoscopic procedures
Robert Keating, M.D., Washington, DC
10:48 am – 10:58 am  Objective Considerations in Choosing the Timing and Type of Surgical Correction of Sagittal Synostosis
John Persing, M.D., New Haven, CT
10:58 am – 11:06 am  Timing and Technique in Treating Sagittal Synostosis-A Case Cohort Comparison
Irene Mathijsen, M.D., Rotterdam, Netherlands
11:06 am – 11:14 am  Spring Cranioplasty for Sagittal Synostosis
Owase Jeelani, M.D., United Kingdom
11:14 am – 11:22 am  Endoscopic Assisted Strip Cranietomy
Matthew Smyth, M.D., St. Louis, MO
11:22 am – 11:30 am  Comparison of Strip Cranietomy and Cranial Vault Remodeling
David Johnson, M.D., Oxford, UK
11:30 am – 11:35 am  Leave the Forehead Alone- It’s What You See the First
Amy Lee, Seattle, WA
11:35 am – 11:40 am  Treat the Forehead—It’s What You See the First
Stephen Buchman, M.D., Ann Arbor, MI
11:40 am – 11:45 am  Pre-operative Helmet Molding Therapy for Sagittal Synostosis
Sandeep Sood, M.D., Detroit, MI
11:45 am - 12:15 pm  Discussion
12:15 pm – 1:15 pm  Special Symposium: Craniopagus Twins
12:15 pm – 12:20 pm  Introduction
Sam Browd, M.D., Seattle, WA
12:20 pm – 1:15 pm  Craniopagus Twins: Team, Triumph and When to Walk Away
Honored Guest Lecturer: James Goodrich, M.D., The Bronx, NY
Honored International Guest Lecturer: Owase Jeelani, M.D., United Kingdom
Tuesday, January 24, 2017

6:45 am – 9:45 am  Breakfast for Registered Physicians and Registered Guests

7:30 am – 8:00 am  Welcome, Announcements, and Introduction of Guests
  Introduction by: James Drake, M.D., ASPN President-Elect for 2019-2020
  Guests:
  Amy Lee, M.D., Seattle, WA
  Chris Bonfield, M.D., Nashville, TN
  David Bauer, M.D, Lebanon, NH
  David Hong, M.D., Oakland, CA
  Anthony Wang, M.D., Los Angeles, CA
  Aria Fallah, M.D., MSc, FRCS, Los Angeles, CA
  William Gump, M.D., Louisville, KY

8:00 am – 9:30 am  General Session IV: Complex Spine
  Panel Chairman: Richard Anderson, M.D., New York, NY

8:00 am – 8:05 am  Welcome and Panel Introductions

8:05 am – 8:15 am  Collaboration: The Argument for Two Attending Surgeons
  Richard Anderson, M.D., New York, NY

8:15 am – 8:25 am  The Reality of the RVU Incentivized Environment: There Can Only Be One
  Alex Powers, M.D., Winston Salem, NC

8:25 am – 8:35 am  Development of Best Practice Guidelines
  Richard Anderson, M.D., New York, NY

8:35 am – 8:45 am  Challenges of Developing a Pediatric Spine Practice: The Early Years
  Todd Hankinson, M.D., Aurora, CO

8:45 am – 8:55 am  A Mature Pediatric Spine Practice: What Does It Look Like?
  Douglas Brockmeyer, M.D., Salt Lake City, UT

8:55 am – 9:00 am  Becoming a Pediatric Spine Surgeon: Is a Standard Pediatric Neurosurgery
  Fellowship Enough
  Andrew Jea, M.D., Indianapolis, IN

9:00 am – 9:30 am  Discussion

9:30 am – 9:45 am  Beverage Break

9:45 am – 9:50 am  Introduction: Hoffman Lecturer – Mr. Henry Marsh, London
  Richard Ellenbogen, M.D., Seattle, WA

9:50 am – 10:40 am  Harold and JoAnn Hoffman Lectureship: Mr. Henry Marsh

10:40 am – 11:00 am  Refreshment Break

11:00 am – 12:00 pm  General Session V: Moya Moya
  Panel Chairmen: Jerry Grant, M.D., Palo Alto, CA

11:00 am – 11:15 am  Historical Perspective
  Michael Scott, M.D., Boston, MA
11:15 am – 11:30 am  Direct Revascularization  
Jerry Grant, M.D., Palo Alto, CA

11:30 am – 11:45 am  Indirect Revascularization  
Ed Smith, M.D., Boston, MA

11:45 am – 12:00 pm  Discussion

**Wednesday, January 25, 2017**

6:45 am – 9:45 am  Breakfast for Registered Physicians and Registered Guests

7:30 am – 8:00 am  Welcome, Announcements, and Introduction of Guests  
Introduction by: John Ragheb, M.D., ASPN Secretary

Guests:
- Suresh Magge, M.D., Washington, DC
- Krystal Tomei, M.D., M.P.H., Cleveland, OH
- Olufemi “Femi” Ajani, FRCSC, Hamilton, ON
- Toba Niazi, Miami, FL
- Tsulee Chen, M.D. Akron, OH
- Daniel Fulkerson, M.D., Indianapolis, IN
- David Daniels, M.D., Rochester, MN

8:00 am – 9:45 am  General Session VI: Shunts: Etiology and Risk Factors of Proximal Shunt Malfunction  
Panel Chairman: Bermans Iskandar, M.D., Madison, WI

8:00 am – 8:05 am  Welcome and Panel Instructions  
Bermans Iskandar, Madison, WI

8:05 am – 8:15 am  Catheter Tip Position and Intersection vs. Proximal Shunt Obstruction  
William Whitehead, M.D., Houston, TX

8:15 am – 8:25 am  Inflammatory Changes and Markers and Proximal Shunt Obstruction  
David Limbrick, M.D., St. Louis, MO

8:25 am – 8:35 am  Chronic Overdrainage Mechanism of Proximal Shunt Obstruction  
Bermans Iskandar, M.D., Madison, WI

8:35 am – 8:45 am  Proximal failure versus overall failure  
John Kestle, M.D., Salt Lake City, UT

8:45 am – 8:55 am  **Abstract:** Temporal Trends in Surgical Procedures for Pediatric Hydrocephalus-An Analysis of the HCRN Core Data Project  
Mandeep Tamber, M.D., Pittsburg, PA

8:55 am – 9:00 am  **Abstract:** CSF Diversion in Patients with Craniosynostosis: An analysis from the HCRN Prospective Registry  
Christopher Bonfield, M.D., Nashville, TN

9:00 am – 9:30 am  Discussion

9:30 am – 10:00 am  Refreshment Break
10:00 am – 11:00 am  General Session VII: Myelomeningocele: Fetal Closure  
Panel Chairman: John Wellons, M.D., Nashville, TN

10:00 am – 10:10 am  Overview & Current State: Fetal Surgery (Wellons)  
John Wellons, M.D., Nashville, TN

10:10 am – 10:20 am  Open vs. Fetoscopic: Scope (Whitehead) vs. Open (Handler)  
Michael Handler, M.D., Aurora, CO / William Whitehead, M.D., Houston, TX

10:20 am – 10:30 am  Regionalization of Myelomeningocele Care: (Whitehead vs Handler)  
Michael Handler, M.D., Aurora, CO / William Whitehead, M.D., Houston, TX

10:30 am – 11:00 am  Discussion

11:00 am – 11:15 am  Refreshment Break

11:15 am – 12:00 pm  Training-Fellowship Update  
Moderator: Richard Ellenbogen, M.D., Seattle, WA

11:15 am – 11:25 am  ABNS-ABPNS Merger (ABNS perspective)  
Al Cohen, M.D., Baltimore, MD

11:25 am – 11:35 am  ABNS-ABPNS Merger (ABPNS perspective)  
John Ragheb, M.D., Miami, FL

11:35 am – 11:45 am  Should We Cap Peds Fellowships at 10 graduates per year?  
Lilliana Goumnerova, M.D., Boston, MA

11:45 am – 12:00 pm  Discussion

Thursday, January 26, 2017

6:45 am – 9:45 am  Breakfast for Registered Physicians and Registered Guests

7:30 am – 8:00 am  Welcome, Announcements and Introduction of Guests  
Introduction by: Jeff Ojemann, M.D., ASPN Treasurer  
Guests:  
Alex Powers, M.D., Winston-Salem, NC  
Alexander Weil, M.D., Montreal, Canada  
Scott Wait, M.D., Charlotte, NC  
Caitlin Hoffman, M.D., New York, NY  
Mari Groves, Baltimore, MD  
Kris Kahle, M.D., Ph.D., New Haven, CT  
Jereme Volk, M.D., New Orleans, LA

8:00 am – 9:30 am  General Session VIII: Controversies in Surgical Management  
Panel Chairmen: Al Cohen, M.D., Baltimore, MD

8:00 am – 8:10 am  Title: TBD  
Al Cohen, M.D., Baltimore, MD

8:10 am – 8:20 am  Best approaches to pineal region lesions  
Rich Ellenbogen, M.D., Seattle, WA

8:20 am – 8:30 am  The role for early occipital cervical fusion in Chiari  
David Limbrick, M.D., St. Louis, MO
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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:30 am – 8:40 am</td>
<td>Sacrificing Venous Drainage: Is it safe?</td>
<td>Gordon McComb, M.D., Los Angeles, CA</td>
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<td>8:40 am – 8:45 am</td>
<td>Surgical Conformity: Lists, Protocols, Surgical Standardization: Good or Bad</td>
<td>Bruce Kaufman, M.D., Milwaukee, WI</td>
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<td>8:45 am – 8:55 am</td>
<td>Minimally Invasive Surgery: Role in Peds Neurosurgery</td>
<td>Scott Wait, M.D., Charlotte, NC</td>
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<td>8:55 am – 9:05 am</td>
<td>Selective Dorsal Rhizotomy: Always better than a pump</td>
<td>Sam Browd, M.D., Seattle, WA</td>
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<td>9:05 am – 9:25 am</td>
<td>Discussion</td>
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<td>9:25 am – 9:40 am</td>
<td>Refreshment Break</td>
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<td>9:40 am – 11:00 am</td>
<td>General Session IX: DIPG</td>
<td>Panel Chair: Nalin Gupta, M.D., San Francisco, CA</td>
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<td>9:40 am – 9:45 am</td>
<td>Welcome &amp; Panel Instructions</td>
<td>Nalin Gupta, M.D., San Francisco, CA</td>
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<td>9:45 am – 9:55 am</td>
<td>Early Steps in Understanding the Biology of DIPG</td>
<td>Nalin Gupta, M.D., San Francisco, CA</td>
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<td>9:55 am – 10:05 am</td>
<td>DIPG... Throwing Out the Baby with the Bathwater</td>
<td>Charles Teo, M.D., Sydney, Australia</td>
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<td>10:05 am – 10:15 am</td>
<td>Uncovering Therapeutic Targets in Pediatric High Grade Gliomas with the H3K27M Mutation</td>
<td>David Daniels, M.D., Rochester, MN</td>
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<td>10:15 am – 10:25 am</td>
<td>Use of MR-Guided Focused Ultrasound to Treat DIPG</td>
<td>James Rutka, M.D., Toronto, ON</td>
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<td>10:25 am – 10:35 am</td>
<td>Is Direct Drug Delivery a Feasible Strategy in DIPG</td>
<td>Mark Souweidane, M.D., New York, NY</td>
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<td>10:35 am – 10:50 am</td>
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<td>10:50 am – 11:05 am</td>
<td>Refreshment Break</td>
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<td>11:05 am – 12:15 pm</td>
<td>General Session X: Epilepsy</td>
<td>Panel Chair: Matt Smyth, St. Louis, MO</td>
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<td>11:05 am – 11:10 am</td>
<td>Welcome &amp; Panel Introductions</td>
<td>Matt Smyth, M.D., St. Louis, MO</td>
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<td>11:10 am – 11:20 am</td>
<td>Laser</td>
<td>Jeff Ojemann, M.D., Seattle, WA</td>
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<td>11:20 am – 11:30 am</td>
<td>ROSA and SEEG</td>
<td>Jeffrey Blount, M.D., Birmingham, AL</td>
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11:30 am – 11:40 am  Non-ROSA AND EEG  
David Bauer, M.D., Lebanon NH

11:40 am – 11:50 pm  LITT Efficacy Meta Analysis  
Alex Weil, M.D., Montreal, Canada

11:50 pm – 12:15 pm  Discussion

12:15 pm – 6:00 pm  *ASPN Golf and Tennis Tournaments – registration required

6:30 pm – 9:30 pm  *ASPN Luau Dinner

**Friday, January 27, 2017**

6:45 am – 9:45 am  Breakfast for Registered Physicians and Registered Guests

7:55 am – 8:00 am  Welcome and Announcements

8:00 am – 9:00 am  General Session XI: Making a Contributing Outside of Neurosurgery: Credibility, Challenges, and Valuation  
Panel Chairman: Tina Duhaime, M.D., Boston, MA

8:00 am – 8:15 am  Ecology meets Patient Care  
Tina Duhaime, M.D., Boston, MA

8:15 am – 8:30 am  Innovation and Business  
Sam Browd, M.D., Seattle, WA

8:30 am – 8:45 am  International Medicine  
John Ragheb, M.D., Miami, FL

8:45 am – 9:00 am  Discussion

9:00 am – 9:15 am  Refreshment Break

9:15 am – 10:15 am  General Session XII: Transitioning our patients: A panel and open discussion  
Panel Chairman: Ruth Bristol, M.D., Phoenix, AZ

Panelists:
Patrick McDonald, Vancouver, BC  
Todd Hankinson, M.D., Denver, CO  
Laurie Ackerman, M.D., Indianapolis, IN  
Nicholas Wetjen, M.D., Rochester, MN

10:15 am – 10:30 am  Closing Comments