



E-Bulletin

issued quarterly

FEBRUARY 2017

Happy 2017 to All CSRS Members

Congratulations and sincere thanks to Bob Heary on his successful 2016 Presidential year. Bob provided excellent direction and leadership to the Executive Committee, the Board of Directors and CSRS membership. We are grateful for his CSRS commitment and service.

Dr. Heary remains on the Board as a member of the Nominating Committee and as Past President.

Darrel S. Brodke, MD assumed the role of CSRS 44th President early in December on the final day of the 2016 annual meeting (*see page 2*).

Special thanks to Michael G. Fehlings as local host and to his staff at the Toronto Western Hospital. Their information, helpfulness and support was gratefully appreciated.



Thank you to CSRS 2016 annual meeting local host Michael G. Fehlings (left, with outgoing President Bob Heary.)

photo: Jeff Coe

CSRS Elects New Officers

The Cervical Spine Research Society (CSRS) elected new officers for 2016-2017 at the annual meeting in Toronto, Ontario Canada. They are (left to right) **Jeffrey C. Wang, MD**, president-elect, **Alexander Vaccaro, MD, PhD**, vice president, **Christopher I. Shaffrey, MD**, treasurer and **Rick Sasso, MD**, secretary.



In this Issue:

Thanks Robert F. Heary Outgoing President
CSRS 2017 Officers
Darrel S. Brodke Takes Helm as CSRS President
2016 Instructional Course &
Annual Meeting Recap
Paul Deegan "In The Shadow of Mount Everest"

Welcome CSRS New Members
Save the Dates
2017 Traveling Fellows
2017 Research Grant Submission Open
FOSA Specialty Day

Darrel S. Brodke Takes on Role as CSRS 44th President

Darrel S. Brodke, MD assumed the role of CSRS 44th President early in December on the final day of the 2016 annual meeting.

Dr. Brodke has been a CSRS member since 1999 and has been involved with a number of committees. He also chaired the Research Committee from 2008 through 2010 and served as Society Treasurer from 2012 through 2014.

He is a professor and senior vice-chair in the Department of Orthopaedics at the University of Utah, has a joint appointment in the Department of Neurosurgery, and holds the Louis and Janet Peery Presidential Endowed Chair. He is the director of the Orthopaedic Spine Program and the co-director of the spine fellowship at the University of Utah. Dr. Brodke specializes in degenerative conditions, deformity, and traumatic injuries of the cervical, thoracic and lumbar spine. His primary clinical interests are cervical spine disorders and complex spine reconstruction.

Dr. Brodke received his M.D. at the University of California, San Francisco, completed an Orthopaedic residency at the University of Wisconsin, Madison, and a fellowship in Spine Surgery at the University of Washington in Seattle before joining the faculty at the University of Utah. He is a diplomate of the American Board of Orthopaedic Surgery and a member of the North American Spine Society, American Academy of Orthopaedic Surgeons, American Orthopaedic Association, Association of Bone and Joint Surgeons, and AOSpine. He is Chairman of AOSpine North America.

Dr. Brodke has authored over 125 peer-reviewed publications, as well as 55 reviews and book chapters. He has numerous published abstracts and presentations. His current research involves general spine clinical outcomes research and the use of the PROMIS PRO measures, clinical outcomes with Proximal Junctional Failure following Adult Deformity Surgery, and in vitro biomechanical research, looking at force, motion and stiffness of spinal fusion and non-fusion constructs.

Congratulations Dr. Brodke!



Incoming CSRS President Darrel S. Brodke, MD, along with outgoing CSRS President Robert F. Heary, MD.

photo: Jeff Coe



E-Bulletin

issued quarterly

FEBRUARY 2017

2016 Instructional Course & Annual Meeting Recap

Approximately 500 scientific attendees and 130 industry representatives traveled to Canada in November/December to attend the 2016 CSRS cme meetings at the Westin Harbour Castle Hotel in Toronto.

Instructional Course

The all-day instructional course under the leadership of Program Chair, Louis Jenis and his committee, Samuel Cho, Michael Daubs, Darren Lebl and Praveen Mummaneni, kicked off the CSRS meeting on Wednesday, Nov 30. The program included sessions on trauma and trauma controversies, cervical radiculopathy and myelopathy. Best papers from the 2015 meeting, as well as challenging cases, were also included.

For the first time, the entire Instructional Course Program was audiotaped. The session links are posted on the CSRS Members Only page. Use the link [here](#), along with your CSRS username and password, for access.

Thanks to Alpesh Patel and the Scientific Program Committee who reviewed over 500 abstracts to select the 2016 annual meeting papers and posters. Program content consisted of 92 podium presentations, including 30 fast paced two-minute highlight posters.

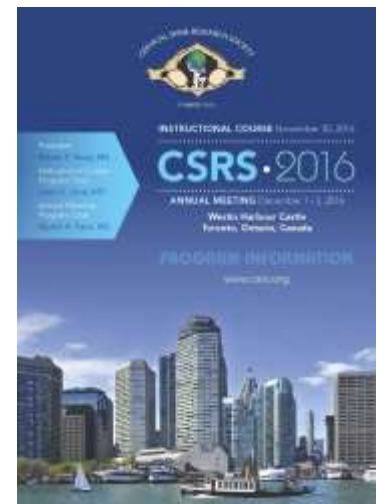
History of CSRS

Founding member, Edward Dunn crafted a superb and moving "History of CSRS", focusing on the giants that paved the way to modern cervical spine surgery. His determination, institutional knowledge, close circle of CSRS friends, as well as love for CSRS, was clearly reflected in his address. We have posted his presentation on the CSRS Website link [here](#).

Bob Heary's Presidential Address incorporated a montage of photos highlighting the important life events that contributed to his success. Family photos of his wife Cara, three children, his parents, and important mentors and teachers, framed his presentation. Bob also revealed his life-long admiration for baseball, the Mets in particular, and for Dr. Bobby Brown, Cardiologist and baseball player.

Workshops

For the first time, five concurrent topic-based Industry sponsored workshops were included on Thursday afternoon. These educational forums were designed to be an innovative approach to improving interaction between physician attendees and our corporate sponsors. Workshop registration was strong and most sessions were oversubscribed. We are looking at options for 2017 to improve scheduling and logistical issues. It is hoped that these alternate educational components will provide an enhanced, educational experience for all registrants at our venue in Hollywood, Florida. *(continued on page 4)*





E-Bulletin

issued quarterly

FEBRUARY 2017

2016 Instructional Course & Annual Meeting Recap *(continued)*

CSRS was honored to welcome and host Asia Pacific President Masatoshi Sumi, MD, PhD of Kobe, Japan and European President Ronald HMA Bartels, MD, PhD of the Netherlands. Dr. Sumi and Dr. Bartels attended the Board of Director's Meeting and participated in the meeting activities.

On Saturday, Wellington Hsu and Andrew Dailey moderated a fascinating session on Complications. Presenters, Michael Daubs, Rick Sasso, Dan Riew, Jim Harrop, Tom Mroz and Paul Anderson discussed dysphagia, prevention and treatment of esophageal injury. Topical debates as well as case-based lessons learned over time rounded out the symposium.

Many thanks to everyone involved with the 2016 instructional course and annual meeting. Faculty, moderators, program committees, industry representatives, etc, all played significant roles and contributed to the success of both events.



Ronald HMA Bartels, MD, PhD
President
CSRS European Section



Masatoshi Sumi, MD
President
CSRS Asia Pacific Section

CME Information

For those who attended the CSRS 2016 Instructional Course and/or Annual Meeting, the CME transcripts have been uploaded to the AAOS Education page linked [here](#). Your AAOS username and password are needed to access this information.

SAVE THE DATE!

22nd Instructional Course
& 45th Annual Meeting
The Diplomat Resort & Spa
Hollywood, Florida

Online abstract submission opens March 1
Online meeting registration opens June 1



7th Annual Henry H. Bohlman Presidential Guest Lecturer



Paul Deegan

© Martin Hartley

Paul Deegan, the CSRS seventh annual Henry H. Bohlman Presidential Guest Lecturer presented an inspiring tale of strength and determination involving mountaineering and multiple attempts to ascend Mt Everest. His power point presentation was both beautiful and captivating and his storytelling clearly reflected the drama taking place on the mountain. Thanks to Paul for a thrilling presentation!

The below photos are a brief glimpse of the dangers which faced Paul's team in "The Shadow of Mount Everest".

Climbers cross a crevasse in the Khumbu Icefall. Some crevasses require three or four ladders to be lashed together.

© Paul Deegan



A climber ascends the final ladder at the top of the Khumbu Icefall. Ahead lies the Western Cwm, the Lhotse Face and the immense Southwest Face of Everest.

© Paul Deegan



E-Bulletin

issued quarterly

FEBRUARY 2017

Welcome CSRS New Members

Active Members - December 2016

Kevin R. O'Neill, MD– Indianapolis, IN
William Anderst, PhD – Pittsburgh, PA
Julio Furlan, MD, PhD– Toronto, ON, Canada
Jefferson R. Wilson, MD, PhD, – Toronto, ON, Canada
Jesse L. Even, MD– Arlington, TX
Joshua C. Patt, MD – Charlotte, NC
Daniel K. Park, MD – Southfield, MI

Corresponding Members – December 2016

Akinobu Suzuki, MD, PhD – Osaka, Japan
Wei Tian, MD, PhD – Beijing, China
Kyung-Chung Kang, MD – Seoul, Korea
Kenichiro Sakai, MD, PhD – Saitama, Japan
Cao Peng, MD – Shanghai, China
Taku Sugawara, MD, PhD – Akita City, Japan
Kai Cao, MD, PhD – Nanchang, China

Sincere thanks to Tim Garvey and his membership committee for their efforts reviewing all of the 2016 membership applications. A total of 18 Active member and 10 Corresponding applications were reviewed. For Active member applicants, in addition to the minimum requirements of paper presentations, Board certification, etc., meeting attendance is weighted heavily.

Meeting attendance is also a Bylaws requirement for all current Active members:

ARTICLE II MEMBERS, Section 1

“Each active member is also required to 1) demonstrate active participation in the affairs of the society including one or more of the following at least once every four years: submit a scientific paper for presentation at a scientific seminar of the Society, serve on a Society committee, present at a Society instructional course, serve as moderator or presenter at a scientific seminar of the Society; 2) participate in Society research and data collection studies as directed; and 3) attend at least one Annual Meeting of the Society every four years in order to retain status as an Active Member. Failure to comply with these requirements may result in forfeiture of Membership.”

CSRS 10th Annual Hands on Cadaver Course March 2-4, 2017

CSRS 10th Annual Hands on Cadaver Course Practical Anatomy and Surgical Education (PASE)
Cervical Spine Decompression and Stabilization Techniques
March 2 – 4, 2017, St. Louis, MO

Jeremy L. Fogelson, MD and Ronald A. Lehman, Jr, MD – Co-Directors
Information available at <http://pa.slu.edu>



E-Bulletin

issued quarterly

FEBRUARY 2017

2017 Global Spine Congress, Milan, Italy

Once again this year, CSRS will participate in the Global Spine Congress scheduled to take place May 3 – May 6 in Milan, Italy. The program will consist of several concurrent half day pre-course knowledge forums on Wed May 3 followed by three days of unique scientific programming covering a broad range of more than 40 topics. CSRS symposia will cover complications in cervical spine surgery presented by a joint faculty from both the CSRS North American Section and the CSRS European Section. Additional information is available through the link provided here: [Global Spine Congress | Milan, May 3-6, 2017](#)

CSRS Asia Pacific Section

8th Annual Meeting

March 9 – March 11, 2017

Kobe International [Conference Center](#), Kobe, Japan

President: Masatoshi Sumi, MD, PhD

<http://convention.jtbcom.co.jp/8thcsrsap/index.html>



CSRS European Section

33rd Annual Meeting

May 24 – May 26, 2017

Salzburg Conference Center, Salzburg Austria

President: Ronald HMA Bartels, MD, PhD

<http://www.csrs-es.org>

CSRS European Section Abstract Submission deadline –
January 31, 2017

You are encouraged to attend this international meeting and exchange experiences with colleagues from the North American and Asia-Pacific 'sister' societies .

Meeting abstracts were solicited on the following topics.

- Traumatic Injuries of the Cervical Spine
- Posttraumatic Disorders: Kyphosis, Myelopathy & Spinal Cord Injury
- Cervical Spine Revision Surgery
- Open Topics

The CSRS European Section program will focus on the main topic of “Cervical Trauma, Post-traumatic Deformity, Myelopathy and Spinal Cord Injury”. As in the past, exciting debates and versatile round table discussions will be major components of the event.

[Download the preliminary program here.](#)





E-Bulletin

issued quarterly

FEBRUARY 2017

CSRS 2017 Traveling Fellowship

Addisu Mesfin of the University of Rochester in New York and Ahmad Nassr of the Mayo Clinic in Minnesota have been selected as the 2017 CSRS Traveling Fellows. In May, they will travel along with four Fellows, Takashi Keito and Feifei Zhou from the CSRS Asia Pacific Section, and Caroline Scemama and Eduard Tornero Dacasa, from the CSRS European Section to four sites in Europe. Their itinerary will culminate at the CSRS European Section Meeting in Salzburg, Austria. European cities will include Nürnberg, Germany, hosted by prof Heiko Koller; Paris, France, hosted by prof Philippe Bancel; Barcelona, Spain, hosted by prof Jose Casimitjana; and Stockholm/Uppsala, Sweden, hosted by prof Claes Olerud.

We acknowledge the European Section for their involvement and are grateful to the above local hosts who are working very hard to organize a unique academic, clinical and social program of activities.

We look forward to hearing details of their educational and cultural experiences.

Sincere thanks to DePuy Synthes for their educational grant in support of the Traveling Fellowship.



Addisu Mesfin, MD
Univ. of Rochester,
New York, NY



Ahmad Nassr, MD
Mayo Clinic
Rochester, MN

2017 Research Grant Submission Now Open

CSRS is offering grant funding for four categories of research protocols including a Medtronic CSRS Named Research Grant. A total of \$350,000 is budgeted.

\$100,000 – Medtronic CSRS Named Grant

\$75,000 - 21st Century Grant

\$25,000 – Seed Starter Grant

\$15,000 – Resident/Fellow Grant

Access the following link for detailed information: <http://www.csr.org/research/grants/>

Submission deadline for 2017 CSRS initial letters of intent is April 1, 2017



E-Bulletin

issued quarterly

FEBRUARY 2017

Thank you CSRS Volunteers!

A debt of gratitude is owed to all CSRS members who have served as officers, committee chairs, and those doing the important work of each CSRS committee. All of your leadership skills, vision, commitment and dedication to the organization are remarkable and clearly reflects the reason that CSRS has flourished and thrived.

Due to expiring terms, etc. Zoher Ghogawala has taken over the reins of the Research Committee as Chair succeeding John Rhee who was instrumental in making a number of changes that increased the committee's organizational efficiency and capitalized on the expertise of its members. John now heads up the Traveling Fellowship Committee.

Lou Jenis has agreed to serve as annual meeting scientific program chair along with Alpesh Patel who will be Chairing the Exhibits Committee. It is their collective goal to incorporate the right balance of education, networking and industry engagement in the 2017 programming. A number of other committee changes have been confirmed to insure the timely launch of 2017 initiatives as well as support on-going society activities.

Thanks to everyone for their efforts and involvement.

Save the Date!

FOSA Specialty Day

Saturday,
March 18, 2017

7.5 AMA PRA Category 1 Credits
Michael D. Daubs, MD, President

ASIA Program, Chair: Dirk A. Alander MD
CSRS Program Chair: Alpesh A. Patel, MD
ISASS Program Chair: Frank M. Phillips, MD

LSRS Program Chair: Louis G. Jenis, MD
NASS Program Chair: Alan S. Hilibrand, MD
SRS Program Chair: Theodore J. Choma, MD

Anchor your AAOS Annual Meeting educational experience by adding FOSA Specialty Day to your meeting registration!

See the program at [FOSA 2017 Preliminary Program](#)



CSRS Mission Statement

The Cervical Spine Research Society is a multidisciplinary organization that provides a forum for the exchange of ideas and promotes clinical and basic science research of the cervical spine. The organization values collegial interaction and strong scientific principles.