

GO GREEN WITH US



Welcome to the first edition of the CSRS E-Newsletter. In an effort to be “green”, we hope to gradually work toward discontinuing a printed version as a small step toward being more accountable for our individual and collective impact on the environment. E-transmissions eliminate paper as well as the costs of printing and mailing. If you wish to continue receiving a printed copy, please let us know and we will be pleased to mail one to you.

Going forward, we hope to implement additional green initiatives in the administrative office and on-site at our meetings. As always, your comments and suggestions are welcome and encouraged.

WITH GRATITUDE

Thank you to **Thomas A. Zdeblick, MD**, for his leadership as CSRS' 35th President and for his long standing commitment to CSRS. Over the years, he has served the organization as Treasurer; as Chair of the Research and Education Advisory Board, Finance, Membership and Program Committees and also as a member of the Instructional Course Planning Committee. **Dr. Zdeblick** continues to serve as Past President and current Chair of the Development Committee. Congratulations, **Dr. Zdeblick**, on your Presidential year and commitment to CSRS.

CSRS' NEW PRESIDENT



MEET CSRS PRESIDENT TODD J. ALBERT, MD

CSRS inducted **Todd J. Albert, MD**, as 36th President during the Annual Meeting in Austin, Texas, in December, 2008.

Dr. Albert is the Richard H. Rothman Professor and Chairman of the Department of Orthopaedics at Thomas Jefferson University Medical Center and the Rothman Institute in Philadelphia. He also serves as Co-Director of Reconstructive Spine Surgery and the Spine Fellowship Program at Thomas Jefferson University.

Dr. Albert graduated *magna cum laude* from Amherst College; received his Doctor of Medicine Degree from the University of Virginia School of Medicine; completed a Residency in Orthopaedic Surgery at Thomas Jefferson University Hospital, where he was named outstanding Chief Resident and performed a Fellowship in Spinal Surgery at the Minnesota Spine Center.

Dr. Albert serves on the Boards of several scholarly journals, including *Spine*, *The Spine Journal*, *The Journal of Spinal Disorders and Techniques*, as well as several medical association Boards including the American Academy of Orthopaedic Surgery, Cervical Spine Research Society, Scoliosis Research Society, International Society for Study of the Lumbar Spine, North American Spine Society and many others. He is Chairman of Network Development for the National Spine Network, a consortium of Centers of Excellence for Spine Care throughout the United States.

Dr. Albert has published over 250 scientific articles, authored over 70 book chapters, presented his research both nationally and internationally and has served as chairman of numerous courses. He has published several textbooks on Spinal Surgery, including *Spine Surgery: Tricks of the Trade*; *Surgical Approaches to the Spine*; *MasterCases in Spine Surgery*; *Physical Examination of the Spine*; *Spinal Deformities: The Essentials*; and *Cervical Spine Challenges*.

Dr. Albert has also Chaired the Program, Membership and now defunct Clinical Outcomes Committees.

PRESIDENT'S MESSAGE

CSRS Members:

*It is truly an honor and a privilege to succeed **Tom Zdeblick** as President of this great organization. I acknowledge Tom's many years of outstanding service to CSRS and I am grateful for his leadership, vision and friendship.*

Since I was a resident CSRS has been my favorite meeting to attend and participate in due in part to its open and frank discussion, high quality scientific presentations, spirited debates and exceptional symposia.

*This year will be no different in the beautiful venue of the Grand America Hotel in Salt Lake City with an exciting program created by our Program Committee under **Frank Phillips'** direction.*

*For the past few years there has been increasing emphasis on transparency and management of conflicts in our educational programming, discussions, and decision-making. This is appropriate and a methodology has been created for disclosure by our membership that is endorsed by the Board. I would like to thank **Brad Currier** and the Ethics Committee for their hard work on this. I am sure it will lead to the complete transparency we need in an academic society such as ours.*

*I would also like to thank **Vince Traynelis** and the Ad Hoc Neurosurgery Liaison Committee, which I have appointed to enhance neurosurgical attendance at our meetings and in our membership. This will further enrich our discussions, interactions, and diversity.*

As always we are thankful to our industry supporters and donors to the 21st Century Research Fund, who help us to promote our mission of education and research of disorders of the Cervical Spine.

I look forward to seeing all of you in Salt Lake City for what I am sure will be an academically enriching and fun meeting.



SAVE THE DATE

14th INSTRUCTIONAL COURSE



SALT LAKE CITY 2009

Basic information on the 2009 meetings in Salt Lake City, Utah, is now available on the [CSRS website](#).

Our host hotel will be the Grand America Hotel.

Online registration will soon be available!

14th INSTRUCTIONAL COURSE – WEDNESDAY, DECEMBER 2nd

Jeffrey C. Wang, MD, once again Chairs the Instructional Course Program Committee. The 2009 Committee includes **Randy F. Davis, MD**; **Robert F. Heary, MD**; and **Rick C. Sasso, MD**.

Four Sessions will be offered during the day long Course, including a video session on Surgical Techniques.

Other Sessions will focus on Complications, Cervical Arthroplasty and Osteobiologics for the Cervical Spine.

The Instructional Course Program Committee would like to thank all Members who participated in the online Faculty sign-up and submitted topics for consideration. The Committee is confident this new method for sign-up will serve this year's registrants well.

Frank M. Phillips, MD and his Program Committee, which consists of **Darryl Antonacci, MD; Avi J. Bernstein, MD; Kazuhiro Chiba, MD; Li-Yang Dai, MD; William F. Donaldson, MD; James C. Farmer, MD; Michael G. Fehlings, MD, PhD; Alexander Ghanayem, MD; Zia L. Gokaslan, MD; Robert Hart, MD; Alan S. Hilibrand, MD; Gabriel Liu, MD; Alpesh Patel, MD; Bernard A. Rawlins, MD; and Rick C. Sasso, MD;** have completed initial review of the Abstracts submitted for this year's meeting program. This year, the Committee was expanded in an effort to reduce "Abstract Review Fatigue". The Committee's goal was to have a minimum of five reviewers for each Abstract.

As the Instructional Course and Annual Meeting Program Committees build their programs, additional information, such as topics, faculty, etc., will be continually updated on the website.

NOMINATING COMMITTEE

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At this time the 2009 Nominating Committee comprised of Chair, **Ronald I. Apfelbaum, MD, Thomas A. Zdeblick, MD, Alexander A. Ghanayem, MD, James S. Harrop, MD and Glenn R. Rehtine, MD** are soliciting nominations for the office of Vice President. Nominees for this position must be "Active" members of CSRS.

Submit your nominations to csrs@aaos.org or via first class mail to **Bruce V. Darden, II, MD**, CSRS Secretary, 6300 N. River Road, Suite 727, Rosemont, IL 60018-4226.

AD HOC NEUROSURGERY
LIAISON COMMITTEE**AD HOC NEUROSURGERY LIAISON COMMITTEE**

Vincent C. Traynelis, MD, has been appointed Chair of the Ad Hoc Neurosurgery Liaison Committee, charged with improving neurosurgical membership and representation at CSRS educational events. CSRS is offering complimentary annual meeting registration fees to any neurosurgeon who has never attended a CSRS meeting as an avenue for promoting our organization and enhancing our relationship with neurosurgeons. Please pass this information on to your neurosurgical colleagues.

RESEARCH COMMITTEE

**RESEARCH COMMITTEE**

Darrel S. Brodke, Chair

Thanks to generous individual and corporate donations to the CSRS 21st Century Research and Development fund, CSRS funded nine research grants in 2008 totaling \$175,000. The list of protocols and investigators includes the following:

2008 21ST CENTURY RESEARCH & EDUCATION GRANTS

In Vivo Mechanics of Pain Resolution following Conservative Treatment for Cervical Radiculopathy

Principal Investigator: William Anderst, MS

James D. Kang, MD, William F. Donaldson, MD, Joon Y. Lee, MD

Amount: \$62,304; **Duration:** 2 years

In Vivo Quantification of Adjacent Level Cervical Disc Integrity Following Anterior Cervical Decompression and Fusion and Laminoplasty: A Matched Pair Analysis and Comparison Using T1rho-weighted MRI

Principal Investigator: Joshua D. Auerbach, MD

K. Daniel Riew, MD, Baron S. Lonner, MD;

Amount: \$35,034.05; **Duration:** 2 years

2008 SEED STARTER GRANTS

A Comparison C1-C2 Transarticular Screw Placement after Self-education and Mentored Education of Orthopaedic Residents

Principal Investigator: John S. Kirkpatrick, MD

Amount: \$22,100; **Duration:** 1 year

2008 RESEARCH &
EDUCATION GRANTS

Economic Impact of Early Surgical Decompression after Traumatic Cervical SCI: Cost-effectiveness and Cost-utility Analyses using Ontario-based Health Costing Data.

Principal Investigator: Julio C. Furlan, MD, PhD, MBA

Michael G. Fehlings, MD, PhD

Amount: \$25,477; **Duration :** 1 year

2008 RESIDENT / FELLOW GRANTS

T2 Mapping as a Noninvasive Biomarker for Degeneration of the Intervertebral Disc

Principal Investigator: Harvey E. Smith, MD

Todd J. Albert, MD, William B. Morrison, MD

Amount: \$15,000; **Duration :** 1 year

Defining Neural Precursor Cell-Host Interactions to Optimize Repair of Traumatic Spinal Cord Injury

Principal Investigator: Gregory Hawryluk, BSc, MD

Michael G. Fehlings, MD, PhD

Amount: \$ 14,852.32; **Duration :** 1 year

CSRS gratefully acknowledges our 21st Century Research and Education Fund Premier Donors for their continued support of our research activities. They include: Aesculap, DePuy Spine, Medtronic, Stryker Spine and Synthes Spine.

2009 RESEARCH INFORMATION

Darrel S. Brodke, MD, and his committee reviewed 30 Research Letters of Intent this year. Fourteen investigators were asked to submit formal manuscripts for review. The Committee is required to disclose all potential conflicts. Any member identifying a conflict with an investigator or institution must recuse himself from grading all of the protocols in that particular category.

2009 winners will be announced at the meeting in Salt Lake City during the Research Session.

As you can see, the Research Committee invests a great deal of time reviewing and grading the grant funding proposals and research award manuscripts. The Traveling Fellowship Sub-Committee also evaluates the fellowship applications and follow-up reports. The number of grants funded each year has grown incrementally and the traveling fellowship program has augmented the list of initiatives supported by society donations. Won't you please consider a pledge or donation to CSRS to ensure the viability of these initiatives and further the mission of the Society? Click [here](#) to download a donation/pledge form.

2008 TRAVELING FELLOWSHIP

The 21st Century Research and Education Fund also supported the 2008 Traveling Fellowship awarded to Sheeraz A. Qureshi, MD, currently of New York City. Dr. Qureshi traveled to several different locations including three different institutions in Japan. **Dr. Kazuo Yonenobu, MD**, welcomed him to the Osaka-Minami Hospital in Osaka, Dr. Yoshiharu Kato introduced him to the frenzied pace of the Toyko Women's Medical University in Tokyo and he briefly visited Dr. Junichi Takahashi MD at the Chiba University Medical Center in Chiba.

Dr. Qureshi's travel in the United States included Barnes-Jewish Hospital in St. Louis with **K. Daniel Riew, MD**, and St. John's Medical Center in Southern California with **Rick Delamarter, MD**. Dr. Qureshi had high praise for the opportunity to travel and to spend one-on-one time with leading spine surgeons. Each experience was distinctively unique and Dr. Qureshi noted that the clinical and surgical skills that he gained combined with the variety of cultural experiences made a lasting impression on him.

At this time **John G. Heller, MD**, and the Traveling Fellowship Committee are considering broadening the structures of the Fellowship for 2010.

CORRECTION: **Frank M. Phillips, MD**, was inadvertently omitted in the 2008 Program Committee member list in the Fall, 2008, Newsletter. **Dr. Phillips** is currently the 2009 Scientific Program Chair. We regret this error.

2008 RESEARCH INFORMATION

2008 TRAVELING FELLOWSHIP

CORRECTION

IN MEMORIAM

IN MEMORIAM: EDWARD H. SIMMONS, MD - 1926 - 2009



Edward H. Simmons, MD, M. (Surg), FRCS (C), FACS of Youngstown, NY and a founding member of CSRS, died peacefully at his home on May 9, 2009. He was born in Trenton Ontario, Canada and served in the Canadian military and earned his Medical Degree in 1948 from the University of Toronto. Dr. Simmons had a long and distinguished medical career and was considered a pioneer in the surgical and non-surgical treatment of spinal deformities and diseases. Dr. Simmons was a member of the Scoliosis Research Society (Past President), Cervical Spine Research Society (Past President), Canadian Orthopaedic Association (Past President), and the American Orthopaedic Association. He was also involved in many academic and professional organizations, nationally and internationally.

NEW MEMBERS

New Members approved in Austin at the CSRS 2008 Annual Meeting include the following:

ACTIVE MEMBERS

Ezequiel Cassinelli, MD
Atlanta, GA

Gurvinder S. Deoel, MD
Raleigh, NC

Gary Ghiselli, MD
Greenwood Village, CO

Alpesh A. Patel, MD
Salt Lake City, UT

Ashraf A. Ragab, MD
Jackson, MS

Justin P. Tortolani, MD
Baltimore, MD

CORRESPONDING MEMBERS

Dong-Ku Chin, MD
Seoul, Korea

Yoon Ha, MD, PhD
Seoul, Korea

Morio Matsumoto, MD
Tokyo, Japan

Jun-Young Yang, MD
Seoul, Korea

Masashi Yamazaki, MD
Chiba, Japan

Jin Sup Yeom, MD, PhD
Seoul, Korea

DoHeum Yoon, MD
Seoul, Korea

Yasutsugu Yukawa, MD
Nagoya, Japan

Welcome and congratulations on your successful applications. Hope to see you in Salt Lake City in December!

BYLAWS AMENDMENT

NEW BYLAWS AMENDMENT

Members at the CSRS 2008 Business Meeting in Austin, Texas, voted on a By-Laws Amendment that requires all members to submit Financial Disclosure information for all of their commercial relationships. This Amendment was introduced after much discussion and is based on the philosophy listed below:

Philosophy

In order to promote transparency and confidence in the educational programs and in the decisions of the Cervical Spine Research Society, the CSRS Executive Committee has proposed adoption of a mandatory Disclosure Policy.

The actions and expressions of Members providing education of the highest quality or in shaping CSRS Policy must be as free of outside influences as possible and any relevant, potentially conflicting interests or commercial relationships must be disclosed. Because the CSRS depends on voluntary service by Members to conduct its educational programs and achieve its organizational goals, this Disclosure Policy has been designated to be realistic and workable.

The CSRS does not view the existence of these interests or relationships as necessarily implying bias or decreasing the value of participation in the CSRS.

At this time, the administrative office is working to create an on-line module for the submission and updating of disclosure information. Stay tuned for details.

ACTIVE MEMBER CEILING INCREASES TO 200

A number of other topics were discussed during the 2008 business meeting including an increase in the number of active CSRS members from 175 to 200 to attract new qualified and diverse members. In keeping with the Bylaws, the increase was favorably voted on by a majority of the attendees at the meeting in December. If you are aware of colleagues in the varying disciplines who may be interested in CSRS membership, please refer them to the website or contact the office for information and an application form.

At their recent meeting in Chicago in April, the Board of Directors looked critically at the participation requirements for active members (Bylaws Article II, Section I Active Members) and proposed expanding the criteria. The proposal included involvement in one of the following activities at least once every four years:

- ◇ Submitting a scientific paper for presentation at a scientific seminar;
- ◇ Serving as faculty or moderator at an annual meeting or an instructional course;
- ◇ Serving on a Committee;
- ◇ Participating in Society research and data collection studies;
- ◇ Attending an Annual Meeting or Instructional Course.

It was also proposed that **any author on an accepted paper or poster** qualify for active membership (Bylaws Article II, Section I Requirements for Membership).

Both of these proposals require a Bylaws amendment. Please consider this article as notification of the proposed changes. Information will also be sent directly to each of you via the membership list serv. Contact the administrative office if you have questions.

AUSTIN, TEXAS 2008



Almost 500 scientific attendees convened in Austin, Texas for the 2008 CSRS 13th Instructional Course and 36th Annual Meeting. The Renaissance Hotel in the Austin Arboretum area served up a Texas sized welcome to all registrants, exhibitors and guests.

A combination of high quality scientific research, open discussion, increased transparency of industry relationships and the collegiality that has developed among attendees over the years made the meeting one of the most successful to date. Hats off to local hosts **Jack E. Zigler, MD**, and **Randall F. Dryer, MD**, for their involvement!

Congratulations to 2008 Instructional Course Program Chair, **Jeffrey C. Wang, MD**, and his committee including **Randy F. Davis, MD**; **Robert F. Heary, MD**; and **Rick C. Sasso, MD**; who organized a terrific line-up of presentations including a session on video surgical techniques which received very strong ratings. It is our hope that the videos will have a presence on the CSRS website in the near future.

Special thanks to 2008 annual meeting Program Chair, **Michael G. Fehlings, MD, PhD** and his committee members **Kazuhiro Chiba, MD**; **Alexander, Ghanayem, MD**; **Alan S. Hilibrand, MD**; and **Frank M. Phillips, MD**; for their time and effort reviewing the abstracts and organizing the presentations.

Sakai Kenichiro, MD, of Tokyo, Japan, was the recipient of the Best Clinical Poster Award for his presentation entitled "5-Year Follow-up Evaluation of Surgical Treatment for Cervical Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament. Prospective Controlled Study: Anterior Decompression and Fusion versus Laminoplasty".

The Award for Best Basic Science Poster was presented to **Jeffrey A. Rihn, MD**, of Philadelphia, for his poster entitled "*Evaluation of the Time- and Dose- Dependent Cytotoxic Effects of Lidocaine on Bovine Nucleus Pulposus Cells In Vitro*".

The Scientific Program Committee judges the posters on-site at the meeting. Poster awards will be presented again in Salt Lake City.

Presidential guest Speaker Alexei V. Filippenko, PhD, Professor of Astronomy at the University of California at Berkeley fascinated the group with his highly animated presentation on Dark Energy and the Runaway Universe. Comments ranged from "fascinating" to "he has a real gift for explaining complex issues to novices".

It just added to the excitement and energy our attendees brought to the conference.



Narrated animations of common cervical procedures and conditions have just been posted on the Patient Education link. At this time, animations are available for the following topics:

- ◇ Anterior Cervical Corpectomy
- ◇ Anterior Cervical Discectomy and Fusion
- ◇ Cervical Laminoplasty
- ◇ Cervical Posterior Foraminotomy
- ◇ Cervical Epidural Steroid Injection
- ◇ Cervical Radiculopathy
- ◇ Whiplash (CAD Syndrome)

Printed material is available on . . .

- ◇ Tumors Involving the Cervical Spine
- ◇ Introduction to the Cervical Spine
- ◇ Conservative Care for Cervical Spine Disorders
- ◇ Cervical Fusion Materials
- ◇ Surgical Indications and Procedures for Cervical Myelopathy, Radiculopathy and Axial Neck Pain
- ◇ Cervical Laminoplasty



Thanks to **Robert Hart, MD**, and **John Rhee, MD**, of the Patient Education Committee; and **Eric Truumees**, Chair of the Communications Committee, who teamed up to preview the information and finalize the details for posting. Thanks also to Dick Pepper of Medtronic who organized several webinars and facilitated acquisition of the animations.

The Patient Education pages are excellent resources for your patients undergoing treatment of these conditions. Efforts are currently underway to expand the animation and information library.

Access the [Members Only](#) section of the website to:

- Pay your CSRS membership dues;
- Register for the 2009 Meetings (available soon!);
- Update your address or contact information;
- Make a Pledge or Donation
- Search the Membership Directory

The website offers a searchable database of all meeting Abstracts presented from 1999 through 2008. The link can be found on the home page and is also a subcategory under the "meetings and courses" navigation.

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