

CURRICULUM VITAE:
Eldin E. Karaikovic, M.D., Ph.D., FAAOS
Adult and Pediatric Spine Surgery and Orthopaedic Trauma

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1. Professional & Personal Information

Clinical Instructor
Department of Orthopaedic Surgery
University of Illinois-Chicago, 8/16/2015 thru 8/15/2017; and 2020 - present

Distinguished Guest Lecturer (Professor of Orthopedics and Traumatology)
Sarajevo School of Science and Technology Medical School,
Sarajevo, Bosnia and Herzegovina, 2014 - present

Local Director, Internal Medicine Residency Program
Weiss Memorial Hospital, Chicago, Illinois
November 1, 2022 - present

Clinical Assistant Professor
Department of Family Medicine, Pritzker School of Medicine,
University of Chicago, 2008 - 2023.

Clinical Assistant Professor
Department of Orthopaedic Surgery, Pritzker School of Medicine,
University of Chicago, 2008 - 2021.

Clinical Assistant Professor of Orthopaedic Surgery
Feinberg School of Medicine
Northwestern University 2002 - 2008

2. Education

Medical School: University of Sarajevo, School of Medicine
Sarajevo, Bosnia and Herzegovina, 1977-1983.

ECFMG Certification: USMLE (#0-508-491-8); August 7, 1996.

3. Graduate Medical Education

Internship(s): Institute for Radiology and Oncology,
University Medical Center,
Sarajevo, Bosnia and Herzegovina,
1983-1984
Department of Orthopaedic Surgery,
University Medical Center,
Sarajevo, Bosnia and Herzegovina,
1985-1987
Department of Surgery
University of Missouri-Columbia
1997-1998

Orthopaedic Residency: Department of Orthopaedic Surgery
University Medical Center
Sarajevo, Bosnia and Herzegovina
1987-1991

University of Missouri-Columbia
Department of Orthopedic Surgery
1998-2002

Fellowships: Division of Orthopaedic Surgery, Booth Memorial Med. Center
New York University
Flushing, New York
Orthopaedic Trauma Fellowship (Arsen Pankovich, MD)
July 1991 - July 1992

Department of Orthopaedic Surgery, Barnes-Jewish Hospital
Washington University
St. Louis, Missouri
Adult & Pediatric spine surgery (visiting professor with K.
Bridwell, MD)
July 1992–December 1992.

Division of Orthopaedic Surgery
University of Missouri-Columbia
Columbia, Missouri
Adult and Pediatric Spine Fellowship (Robert Gaines, Jr., MD)
January 1993 - December 1993.

4. Work History

- 07.1983 - 07.1984 Institute for Radiology, University Medical Center, Sarajevo, Bosnia and Herzegovina - intern.
- 08.1984 - 07.1985 Mandatory one-year service in former Yugoslav Army, Belgrade, former Yugoslavia - ambulance service
- 07.1985 - 07.1991 Department of Orthopaedic Surgery, University Medical Center, Sarajevo, Bosnia and Herzegovina – orthopaedic resident.
- 07.1991 - 07.1992 Booth Memorial Medical Center, Flushing, NY, NY – trauma fellow
- 07.1992 - 12.1992 Department of Orthopaedic Surgery, Barnes Hospital, St Louis, MO - visiting professor
- 01.1993 - 07.1996 Department of Orthopaedic Surgery, University of Missouri, Columbia, Missouri – spine fellow and clinical instruction
- 07.1996 - 07.2002 Department of Orthopaedic Surgery, University of Missouri, Columbia, Missouri – orthopaedic resident
- 09.2002 – 12.2020 Department of Orthopaedic Surgery, Northshore University Health System, Skokie IL – senior attending spine surgeon
- 09.2020 - present Eldin Karaikovic, MD, PhD, S.Corp., President and CEO, Adult and Pediatric Spine Surgery and Orthopaedic Trauma, Chicago, IL (www.drkaraikovic.com)
- 03.2021 - 07.2021 Medical Officer, Restorative, Repair and Fracture Fixation Devices Team. DHT6C: Division of Restorative, Repair and Trauma Devices
OHT6: Office of Orthopedic Devices; Office of Product Evaluation and Quality; CDRH | Food and Drug Administration (FDA), Washington DC
- 08.2021- present New York Life (Group Medical Solutions), Corporate Vice President – Medical Director

5. Postdoctoral Research Training

Master of Medical Sciences, Degree in Orthopaedics: "Hip Arthroplasty and Postoperative Infections - The Analysis of the Preoperative Risk Factors in Development of Acute Deep Wound Infections", Vladimir Psorn, M.D., School of Medicine, University of Sarajevo, Bosnia, 1990.

PhD thesis: "The Importance of the Morphologic Characteristics of the Cervical Pedicles

in Posterior Spinal Fixation Systems", Robert W. Gaines, M.D., University of Missouri-Columbia, USA, and Faruk Konjhodzic, M.D., PhD, School of Medicine, University of Sarajevo, Bosnia, 1999.

Searle Postgraduate Fellow: Searle Center for Teaching Excellence, Northwestern University, Chicago, Illinois, Greg Light, PhD, Center's Director, 2004-2005.

6. Board Certification and Medical Licensure

Recertification in Orthopaedic Surgery, American Board of Orthopaedic Surgery, 2014
Board Certified in Orthopaedic Surgery, American Board of Orthopaedic Surgery, 2004.
Diplomate of the National Board of Medical Examiners, Bosnia and Herzegovina, 1984.
Diplomate of the Board of Orthopaedic Surgery, Bosnia and Herzegovina, 1991.
Visiting Professor License, New York University, NYC, NY, 1991-1992.
Visiting Professor License, Washington University, St. Louis, MO, 1992.
Visiting Professor License, University of Missouri, Columbia, MI, 1993. - 1997.
Active License for Bosnia and Herzegovina, 1984 - Present
Active License for the State of Missouri, USA, 1997 – Present
Active License for the State of Illinois, USA, 2002 – Present
Active License for the State of Michigan, USA, 2019 - Present
Active License for the State of Louisiana, USA, 2020 – Present
Active License for the State of Alaska, USA, 2021 – Present
Active License for the State of Connecticut, USA, 2021 – Present
Active License for the State of Indiana, USA, 2021 – Present
Active License for the State of Iowa, USA, 2021-present
Active License for the State of New York, USA, 2021 – present
Active License for the State of North Carolina, USA, 2021 – Present
Active License for the State of Wisconsin, USA, 2021 - Present

7. Honors and Awards

1. Silver Pin (excellence in studying, an average grade over 9.0 out of 10.0) – University of Sarajevo, Bosnia and Herzegovina, 1978.
2. GICD-USA-Spinal Surgery Tutorial, November 1994. (A visit to Ronald L. DeWald, MD, Rush-Presbyterian University, Chicago, IL)
3. North American Spine Society Traveling Fellowship for 1994. (Arthur D. Steffee, MD, Horizon Orthopaedics, Cleveland, Ohio; John E. Hall, MD, Children's Hospital, Boston, MA; John A. Regan, MD, Texas Back Institute, Plano, TX; Henry H. Bohlman, MD, University Hospitals of Cleveland, Ohio).
4. Annual *Steven Olson MD Resident Research Award*, Department of Orthopaedic Surgery, University of Missouri-Columbia, June 19, 1999.
5. 47th Mid-central States of Orthopaedic Society Resident Award, The best paper,

- Branson, Missouri, June 8-11, 2000.
6. Orthopaedic Overseas – Health Volunteers Overseas, OREF Traveling Grant, August 2001.
 7. “CARE” awards for Excellence in patient care, Evanston Northwestern Healthcare, (total of 24) since November 2004 - present.
 8. *Good Doctors Fund* for the volunteer work in developing countries – Evanston Northwestern Healthcare (ENH), Chicago for 2004. (\$1,000.00)
 9. Most Dynamic Practice (Patient Loyalty Award Winner), ENHMG Faculty Practice Orthopaedics, Evanston Northwestern Healthcare, October 2006.
 10. Community Care Corps *Sharing Spirit* ENH Employee Volunteer Awards for 2007. – nominated for 2007.
 11. American Academy of Orthopaedic Surgeons Humanitarian Award – nominated for 2008.
 12. *Ambassador* of the Sarajevo University, Sarajevo, Bosnia and Herzegovina, November 20, 2010.
 13. Exceptional Service Annual Award, Bosnian-Herzegovinian American Academy of Arts and Sciences, 2010.
 14. 2011 Patients’ Choice Award, December 5, 2011.
 15. American Music Festivals recognized Dr. Eldin Karaiković as one of four Chicago Bosnian cultural leaders, Lincolnwood Chamber Orchestra, the Copernicus Center, Chicago, IL, November 25, 2014.
 16. Merit Award, Social Services of the Canton of Sarajevo, Bosnia and Herzegovina, 2015.
 17. Merit Award for Professional Success in the USA, United Bosnia & Bosna TV, Chicago, Illinois, September 2017.
 18. Certificate of Recognition for grateful appreciation for 15 years of dedicated service Northshore University HealthSystem, Chicago, Evanston 2017.
 19. “Sharing Our Spirit” pin, recognizing commitment to advancing a culture of philanthropy and employee giving at NorthShore University HealthSystem in 2018, awarded in April 2019.
 20. McCormack T, Karaikovic E, Gaines RW. The Load Sharing Classification of Spine Fractures. *Spine* 1994;19(15):1741-1744 (Ranked #22 in: *The 100 most influential spine fracture publications*: Donnally CJ 3rd, Rivera S, Rush AJ 3rd, Kevin J Bondar. *Journal of Spine Surgery (Hong Kong)*, 28 Feb 2019, 5(1):97-109)
 21. Parker JW, Lane JR, Karaikovic EE, Gaines RW. Successful short-segment instrumentation and fusion for thoracolumbar spine fractures - A consecutive 4(1)/(2)-year series. *Spine* 2000;25(9):1157-1169 (Ranked #84 in: *The 100 most influential spine fracture publications*: Donnally CJ 3rd, Rivera S, Rush AJ 3rd, Kevin J Bondar. *Journal of Spine Surgery (Hong Kong)*, 28 Feb 2019, 5(1):97-109)
 22. Outstanding Specialty Teaching Award for 2019, Department of Family Medicine, Northshore University HealthSystem, University of Chicago, June 2019.
 23. *Gold Plaque* for the generous support to the Association “Smile Plus” (“Osmjeh Plus”): The Association of Children and Youth with Disabilities and below-poverty-line persons in Olovo County (Bosnia and Herzegovina), Olovo city, May 17, 2021.

8. Volunteer Work

1. XIV Winter Olympic Games, announcer for bob and luge, Sarajevo, Bosnia-Herzegovina, February 1984.
2. Collecting medical equipment and volunteering performing surgeries and education of the local Bosnia and Herzegovina spine surgeons, 1992-2015.
3. Health Volunteers Overseas (Orthopaedic Overseas) (HVO –OO), Regional Medical Center, Ilo Ilo, Philippines, September 2001.
4. Health Volunteers Overseas (Orthopaedic Overseas), Center for Trauma and Orthopaedics, Ho Chi Mihn City, Viet Nam, October 2001.
5. Health Volunteers Overseas (Orthopaedic Overseas), Centro Nacional de Rehabilitacion and National Children’s Hospital, San Jose, Costa Rica, October 2004.
6. “Allen Strehlow Brace Donation Society”, co-founder, brace and medical supply donations to the developing and undeveloped countries, 2004.
7. Health Volunteers Overseas (Orthopaedic Overseas), Department of Orthopaedic Surgery, University of Medicine and Pharmacy “N. Testemitanu”, Chisinau, Moldova, September 2005.
8. Department of orthopaedic surgery (Spine division), Davao Medical Center, Davao, Mindanao, Philippines, 11.28-12.5.2007.
9. “Eldin E. Karaikovic Charity, Education and Research Foundation” (EKCREF), established March 2008.- present

9. Faculty Appointments (rank, department, institutions, dates)

1. Associate and Instructor (a postgraduate course: *Primary Health Care in Developing Countries*), Institute for Social Medicine, School of Medicine, University of Sarajevo, Bosnia and Herzegovina, 09.01.1988.-09.01.1990.
2. Clinical Instructor in Spinal Surgery, Department of Surgery, Division of Orthopaedic Surgery, University of Missouri-Columbia, MO, 07.01.1994-06.30.1997.
3. Assistant Professor of Orthopaedic Surgery, Northwestern University, Feinberg School of Medicine, Chicago, IL, 09.01.2002 – 06.30.2009.
4. Clinical Assistant Professor of Orthopaedic Surgery, University of Chicago, Pritzker School of Medicine, Chicago, IL, 07.01.2009. – 2021.
5. Clinical Assistant Professor of Family Medicine, University of Chicago, Pritzker School of Medicine, Chicago, 2009-2023.
6. Instructor of Orthopaedic Surgery, Department of Orthopaedic Surgery, University of Illinois – Chicago, July 17, 2010 – present
7. Distinguished Guest Lecturer (professor), Sarajevo School of Science and Technology, Medical School, Sarajevo, Bosnia and Herzegovina, 09.2014-present

10. Hospital Staff Appointments (title, hospital, dates)

1. University Medical Center, Department of Orthopaedics, Sarajevo, Bosnia and Herzegovina - attending physician - orthopaedic surgeon. March - July 1995.
2. New York University, Booth Memorial Medical Center, Division of Orthopaedic Surgery, New York, NY - Orthopaedic trauma fellow, July 1991- July 1992.
3. Washington University, Barnes-Jewish Hospital, Department of Orthopaedic Surgery and Shriners's Hospital for Children, St. Louis, MO - visiting professor, August December 1993.
4. University of Missouri-Columbia, Department of Surgery, Division of Orthopaedic Surgery, Columbia, MO, Spine Fellow, January – December 1993.
5. University of Missouri-Columbia, Department of Surgery, Division of Orthopaedic Surgery, Columbia, MO - Clinical Instructor in Spinal Surgery, 1994-1997.
6. University of Missouri-Columbia, Department of Orthopaedic Surgery, Columbia, MO – Resident in Orthopaedic Surgery, 1997-2002; Chief resident 2001-2002.
7. Northshore University HealthSystem (former Evanston Northwestern Healthcare) Department of Orthopaedic Surgery, Evanston, (Evanston Hospital, Glenbrook Hospital and Highland Park Hospital), Illinois - attending physician, 2002 – present (senior attending surgeon since 2008).
8. Weiss Hospital, Chicago, Illinois - attending physician, 2005 – present.
9. Asencion St. Mary and Elisabeth Hospital, Chicago, IL – attending physician 2021 - present
10. Asencion St. Joseph Hospital, Chicago IL – attending physician 2021-present
11. West Suburban Hospital, Chicago, IL – attending physician 2021-present
12. Methodist Hospital, Merrillville, IN – attending physician 2022-present
13. Asencion St. Francis Hospital, Evanston IL – attending physician 2023-present

11. Administrative Appointments

1. Director, ENHMG Spine Center, Department of Orthopaedic Surgery, Evanston Northwestern Healthcare (ENH), Evanston, IL, 2002-2012.
2. Program Director, Orthopaedic and Neurosurgery Spine Conference, Department of Orthopaedic Surgery, NorthShore University HealthSystem (former ENH), Evanston, IL 2003-present.
3. Lead Physician, ENHMG Orthopaedics, Department of Orthopaedic Surgery, Evanston Northwestern Healthcare (ENH), Evanston, IL, 2004-2009.
4. Senior Advisory Committee, Department of Orthopaedic Surgery, ENH, 2004-2005.
5. Co-management Committee, Weiss Memorial Hospital, Chicago, 2021-2022
6. Founder and CEO Eldin E. Karaikovic, MD, PhD, S.Corp, Chicago, 2020-present.

12. Summary of Teaching Experience

1. William Bacon, M.D., spine fellow, Department of Orthopaedic Surgery, University of Missouri-Columbia, 1994. - a senior fellow
2. Michael Daubs, M.D., spine fellow, Department of Orthopaedic Surgery, University of Missouri-Columbia, 1994. - a senior fellow
3. Michael Viau, M.D., spine fellow, Department of Orthopaedic Surgery, University of Missouri-Columbia, 1995. - a senior fellow
4. John Bailey, M.D., spine fellow, Department of Orthopaedic Surgery, University of Missouri-Columbia, 1996. - a senior fellow
5. Sakarin Wonglertsiri, M.D., spine fellow, Department of Orthopaedic Surgery, University of Missouri-Columbia, 1996. - a mentor
6. Sombat Kunakornsawat, M.D., spine fellow, Department of Orthopaedic Surgery, University of Missouri-Columbia, 1997. - a mentor
7. C. Chotigavanichaya, M.D., spine fellow, University of Missouri-Columbia, 1997.
8. Wicharn Yingsakmongkol, M.D., spine fellow, Department of Orthopaedic Surgery, University of Missouri-Columbia, 2000. - a mentor
9. Todd Johnston, M.D., residency graduation thesis, Department of Orthopaedic Surgery, Northwestern University, 2005. - a mentor
10. Brad Dunlop, M.D., residency graduation thesis, Department of Orthopaedic Surgery, Northwestern University, 2007. - a mentor
11. Jimmi Mangla, MD, Research Orthopaedic fellow, Department of Orthopaedic Surgery, Evanston Northwestern Healthcare, 2007. - A mentor
12. James Sieradzki, MD, residency graduation thesis, Department of Orthopaedic Surgery, Northwestern University, 2008. - a mentor
13. Worawat Limthongkul, MD, spine research fellow, Spine Research Unit, Department of Orthopaedic Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, 10330, Thailand. 2008-9. - a mentor
14. Jason Savage, MD, Resident in Orthopaedic Surgery, Department of Orthopaedic surgery, Northwestern University, 2009-2010 – Comparison of fixation systems for the upper cervical spine – the Wiltze’s basic science award finalist, International Meeting of Advanced Spinal Techniques (IMAST), Vienna, June 2010. - a mentor
15. Bijan Masood Abar, Lake Forest High School, Lake Forest, IL; 8.11.11. – observership (career development)
16. Michael Held MD (PhD theses: Evaluation of Diagnostic Advances in Musculoskeletal Tuberculosis. The Automated Xpert MTB/RIF Assay, University of Cape Town, South Africa, May 15, 2016. – a reviewer for the Doctoral Degrees Board/PhD thesis.
17. Muhammad Al-Sibai, Medical student (Graduation Theses mentor: Spinal Fusion and Total Hip Replacement, Sarajevo School of Science and Technology, Medical School, Sarajevo, Bosnia and Herzegovina, July 6th, 2023 – mentee. Award: Shared 1st place for Best Medical Students’ Presentation, 14th Days of BHAAAS in

- B&H, Tuzla June 2nd, 2023.
18. Hazreta Rustemovic (4th year medical student), mentor, Bosnian-Herzegovinian Academy of Arts and Sciences Mentoring Program and School of Science and Technology, Medical School, Sarajevo, Bosnia and Herzegovina, 2023-2024.
 19. Prashant Adhikari, MD, Visiting Fellow in Spine Surgery, Hospital for Advanced Medicine and Surgery, Katmandu, Nepal, March 8-24, 2024.

13. Committee Service

1. President of the Organizing Committee, Congress of Medical and Dental School Students of Yugoslavia, 1981.
2. Research and Education Committee, Evanston Northwestern Healthcare (ENH) - 2002-2004.
3. Infection Disease Committee, Evanston Northwestern Healthcare - 2002-2004.
4. Medical Informatics Committee, Evanston Northwestern Healthcare - 2003-2007.
5. Risk Management and Professional Liability Committee, Evanston Northwestern Healthcare - 2004-2009.
6. Academic Affairs Committee, ENH Department of Orthopaedic Surgery, 2006 - 2010.
7. Specialty Leadership Committee, Evanston Northwestern Healthcare, October 2006 - 2010
8. Search committee member, Faculty search, Department of PM&R, ENH, October 2007.
9. Search committee member, Division Chief search, Department of PM&R, ENH, Sep 2008.
10. Academic committee, Department of Orthopaedic Surgery, Northshore University Health Systems, Evanston, IL
11. SRS The Global Education in Spine Deformity - Current Concepts in Spine Deformity Committee, Scoliosis Research Society, 2021-2022.
12. SRS Awards and Scholarship Committee – Scoliosis Research Society, September 2023 – September 2026.

14. Professional and Scientific Activity

14.1. Societies

1. Medical Association of Bosnia and Herzegovina – member since 1983.
2. Bosnia-Herzegovina State Orthopaedic Association – member since 1989.
3. North American Spine Society - corresponding member: 1993-2003; active member since 2004.
4. Orthopaedics Overseas; A Division of Health Volunteers Overseas – active

- member since 1993.
5. Scoliosis Research Society - corresponding member: 1995-2007; active member: 2008 – 2023; emeritus member 2023 - present.
 6. *Alumnus Spine + Science + Management*, Sofamor-Danek, 1997.
 7. Cervical Spine Research Society - corresponding member 1997-2016
 8. American Academy of Orthopaedic Surgery – Fellow 2005 - present.
 9. Association of Medical Executives – 2007.
 10. Bosnian-Herzegovinian American Academy of Arts and Sciences, Board member, 2007-2010.
 11. Bosnian-Herzegovinian American Academy of Arts and Sciences (BHAAAS), President, 2008/9.
 12. Bosnian-Herzegovinian American Academy of Arts and Sciences (BHAAAS), Medical Section President, 2011-2017.
 13. Bosnian-Herzegovinian American Academy of Arts and Sciences; International Exchange Program for Classical Musicians, Director, 2011 - present.
 14. Bosnian-Herzegovinian American Academy of Arts and Sciences; Orthopaedic Section, Chairman, 2018 - present.
 15. Illinois Association of Orthopedic Surgeons (IAOS), Member, 2008 – present
 16. Association of Orthopedists and Traumatologists of Bosnia and Herzegovina (OUTBiH), member 2020 – present.

14.2. Scientific Activity

1. A Contemporary Update On Disorders of the Spine, Hands-On and Advanced Spine Instrumentation Course, Snowbird, Utah - Instructor for Kaneda and Isola Instrumentation, January 1994.
2. Seventh Annual International Workshop: "Spinal Reconstructive Surgery of the Lumbar and Thoracolumbar Spine – Advanced Course, Acromed, Cleveland, OH (Instructor for Kaneda Instrumentation), February 1995.
3. First East European Spine Society Meeting, Session moderator, Liberec, Czech Republic, October 3-4. 1997.
4. Second East European Spine Society Meeting, Session moderator Liberec, Czech Republic, October 21-22. 1999.
5. Research Fund Management Committee of the North American Spine Society – member, November 2003 – October 2006.
6. Instrumentation Committee, Scoliosis Research Society, 2007–09.
7. Scoliosis Research Society Endowment Committee, member, 2008-09.
8. *Days of BHAAAS in Bosnia and Herzegovina*, Bosnian Herzegovinian American Academy of Arts and Sciences, annual meeting, program chairman, October 28-30, 2009.

14.3. Journals

1. *Spine* (journal) – reviewer; 1999
2. *SpineLine (The Clinical and News Magazine for Spine Care Professionals, North American Spine Society)* – Section Editor; 2004 - 2009.
3. Advisory Editorial Board member of *The Spine Journal (TSJ)*, 2007-8.
4. Acta Medica Academica, Academy of Sciences and Arts of Bosnia and Herzegovina – Editorial Council member and reviewer 2009-present
5. Acta Orthopaedica Saliniana – reviewer 2012-present
6. World Journal of Orthopaedics, Editorial Board member, 2014-15
7. Bosnian Journal of Basic Medical Sciences – reviewer 2010 - present

15. Subspecialty Education and Research grants/contracts

15.1. Subspecialty education

1. First Yugoslav Course on Clinical Electromyography, Sarajevo, Bosnia and Herzegovina, 1981.
2. Basic Nuclear Magnetic Resonance Imaging Course, Dubrovnik, Croatia, 1983.
3. Postgraduate Course: Interventional Radiology and Newer Imaging Modalities, Sarajevo, Bosnia and Herzegovina, 1985.
4. University Orthopaedic Hospital, Essen Werden Germany (one-month study visit - Adult Spinal Surgery – Prof. Karl F. Schlegel, MD, PhD), 1985.
5. Basic Course on AO (ASIF) Osteosynthesis, Zagreb, Croatia, 1990.
6. Karolinska Institutet, Institute for Social Medicine, Stockholm, Sweden (Research Project: National Injury Prevention Programs), 1990.
7. University Medical Center, Zagreb, Croatia Department of Traumatology (one month study visit - Spinal Surgery in Trauma - Prof. Vjekoslav Nankovic, MD, PhD), 1990.
8. Pedicle Screw Fixation Course, Minnesota Spine Center, Minneapolis, Minnesota, September 1992.
9. Washington University Medical Center, Department of Orthopaedic Surgery, St. Louis Missouri, USA (six-month study visit Prof. Keith H. Bridwell, MD: Pediatric and Adult Spinal Surgery), August-December 1993.
10. Advanced Pneumatic Instrumentation for Surgical Procedures, Midax Rex Institute, Chicago, IL, July 1993.
11. Microsurgery of the Lumbar and Cervical Spine, Practical Anatomy and Surgical Technique Workshop, St. Louis University, St. Louis, MO, September 1993.
12. Advances in Intracanal Fixation and Related Spinal Instrumentation Techniques, GICD-USA, Kansas City, MO, May 1994.
13. Stealth Station Training Program (Image Guided Surgery System), Medical Education & Research Institute, Memphis, TN, May 1996.
14. BAK device (Instructional Course), Spine-Tech, Big Island, Hawaii, March 1997.
15. Kyphon Inflatable Bone Tamp Technology Course, Rosemont, Illinois, January

- 2003.
16. Dynesis (training course), Zimmer, Chicago, May 2006.
 17. Robotic Radiosurgery Course – Cyber-knife training course. Intercontinental hotel, Chicago, IL; April 7, 2006.
 18. Image Guided Stereotactic Conformal Radiotherapy (BrainLab course Novalis) – Update and Training Program, Taussig Cancer Center, Department of Radiation Oncology, Cleveland Clinic, Cleveland, OH; June 9-12, 2006.
 19. X-Stop Surgeon Training Course; St. Francis Medical Technologies: Ruth Lake Country Club, Hinsdale, IL; July 6, 2006.
 20. Innovative Spinal Technologies' Minimally Invasive *Paramount* Pedicle Screw System, Chicago, IL; January 13, 2007.
 21. Complex Adult Spine; Advanced Techniques in Adult Spinal Deformity Surgery; DepuySpine, Chicago, IL; June 1-2, 2007.
 22. The Communication Skills workshop, American Academy of Orthopaedic Surgeons, Hyatt Rosemont, Chicago, IL, May 8, 2008.
 23. Aesculap Academy Workshop: Occipito-cervical fusion, Northwestern University, June 21, 2008.
 24. Synthes Spine: Advanced Cervical Solutions with ProDisc-C Training Program (artificial cervical disc), September 6, 2008.
 25. SI-Bone. iFuse Implant System; Minimally Invasive Sacroiliac Joint Surgery. NASS Spine Center, Burr Ridge, IL, December 1, 2012. and 2014.
 26. Direct Access: InflationFX Fracture Management Physician Training Course, Medtronic, December 20, 2012.
 27. Lumbar Spinal Injections, North American Spine Society, Phoenix, Arizona, January 23-24, 2015.
 28. Degenerative to Complex Spine: How to Make the Leap, K2M Meeting of Minds, Leesburg, VI, May 30, 2015.
 29. Mobi-C Surgeon Training Course, Cervical Total Disc Arthroplasty, LDR, March 19, 2016.
 30. Surgical Synergy Navigated Workflow Techniques, Intraoperative Spinal Navigation, Medtronic training program, Washington, DC, November 11, 2016.
 31. AIRO Mobile CT (Surgical navigation and robotic system), Spinal Robotics, Brainlab, DePuy/Synthes Institute, West Chester, PA, March 4th, 2017.
 32. MAZOR X, Mazor Robotics for spine surgery, Medtronic, Surgeon Training Certification, Fort Worth/Dallas, July 14, 2018. and 2020.
 33. OSTEOCOOL, Radiofrequency Ablation training course, Medtronic, New Orleans, November 3rd, 2018.
 34. *Contemporary Management of Spinal Tumors*, the Specialty Education & Research Center (SERC) lab facility, Burr Ridge, IL, May 3-4, 2019.
 35. activL Artificial Disc: Spine Surgeon Credentialing, Aesculap Academy, San Antonio, TX, October 16, 2021.

15.2. Grants:

1. **Karaikovic E.E.**, Gaines R.W., Miles J.H., Otto E.B.: ULTRASOUND CHARACTERISTICS OF THE DOWN SYNDROME INFANT HIPS, University of Missouri-Columbia, June 1993. (\$4,050 - University of Missouri-Columbia, Research Council Grant Number: 94-RC-005-ER)
2. **Karaikovic E.E.**, Gaines R.W.Jr.: MORPHOLOGIC CHARACTERISTICS OF HUMAN CERVICAL PEDICLES, University of Missouri-Columbia, June 1995. (\$3,037.00 - University of Missouri-Columbia, Research Council Grant: 95-RC-073-ER)
3. **Karaikovic EE**, Yingsakmongkol W, Griffiths HJ, Gaines RW: ACCURACY OF CERVICAL PEDICLE SCREW PLACEMENT USING THE “FUNNEL” TECHNIQUE, July 2001. (\$1,600.00 - AO ASIF Synthes Spine Research Grant)
4. **Karaikovic EE**: BrainLab Educational Grant, June 2006. (\$5,000.00)
5. **Karaikovic EE**: World Services Austria (WUS): Advanced Spinal Surgery Course (7-day course), Sarajevo, Bosnia and Herzegovina, Dec 22-26.08.; course director and only lecturer (\$2,000.00)
6. **Karaikovic EE**: Depuy Spine, Unrestricted research grant: A comparison of pedicle screws cervical spine fixation system with other fixation systems, 2009. (\$13,500.00)

16. Scholarly Productivity

Two of my papers on short segment instrumentation and fusion for treatment of thoracolumbar fractures are included in the *The 100 most influential spine fracture publications* by the Journal of Spine Surgery (Hong Kong 2019).

September 2023 a research milestone - *1427 citations of my articles in 10 peer reviewed journals!* This places my research in the top 5% for citations within the Doximity community. H-index of 12 (Top 10%)

16.1. Referred journal articles

1. Smajkic A, **Karaikovic EE**, Skljarevski V: AN EVALUATION THE SOCIAL MEDICINE PROGRAMS IN SCHOOLS OF MEDICINE IN YUGOSLAVIA, *Materia Socia-medica Iugoslavica* 1982;5(Suppl 3-4):805-813.
2. Niksic D., Muhamedagic S., Masic I., **Karaikovic E.E.**, Kotic Z.: AN INJURY

- REGISTRATION MODEL - RELEVANT FACTORS FOR ANALYSIS AND EVALUATION, Macedonian Medical Review 1990;19(Suppl 7):93, A1-47.
3. McCormack T, **Karaikovic EE**, Gaines RWJr: THE LOAD SHARING CLASSIFICATION OF SPINE FRACTURES, Spine 1994, 19(15):1741-1744. (Ranked #22 in: *The 100 most influential spine fracture publications*: Donnally CJ 3rd, Rivera S, Rush AJ 3rd, Kevin J Bondar. Journal of Spine Surgery (Hong Kong), 28 Feb 2019, 5(1):97-109)
 4. **Karaikovic EE**, Daubs MD, Madsen R, Gaines RW Jr: MORPHOLOGIC CHARACTERISTICS OF HUMAN CERVICAL PEDICLES, Spine 1997;22(5):493-500.
 5. **Karaikovic EE**, Kunakornsawat S, Daubs MD, Madsen R, Gaines RWJr: SURGICAL ANATOMY OF THE CERVICAL PEDICLES (LANDMARKS FOR POSTERIOR CERVICAL PEDICLE ENTRANCE LOCALIZATION), J Spinal Disord 2000;13(1):63-72.
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71. **Karaikovic EE**: CERVICAL PEDICLE MORPHOLOGY, 18th Isola Study Group Meeting, Dallas, Texas, January 23-24, 2004.
72. Johnson T, Bruce D, Lautenschlager EP, **Karaikovic EE**: CERVICAL PEDICLE SCREWS VS. LATERAL MASS SCREWS: A MULTIAXIAL BIOMECHANICAL COMPARISON, 77th annual meeting of the Japanese Orthopaedic Association, Kobe, Japan, May 20-23, 2004.
73. Johnson T, Bruce D, Lautenschlager EP, **Karaikovic EE**: CERVICAL PEDICLE SCREWS VS. LATERAL MASS SCREWS: A MULTIAXIAL BIOMECHANICAL COMPARISON, - poster, Cervical Spine Research Society meeting, Copley Hotel, Boston, December 19-25, 2004.
74. Kohli N, **Karaikovic EE**, Rattner Z, Bilimoria MM, Sener SF, McGee JP, Metrick LB, Szokol JW: COIL EMBOLIZATION OF A LUMBAR ARTERY TO CONTROL VASCULAR INJURY DURING INTRADISCAL SURGERY (A Case Report)– poster, 12th IMAST (International Meeting on Advanced Spine Techniques) Meeting, Fairmont Banff Springs, Banff, Alberta, Canada, July 7-9, 2005.
75. **Karaikovic EE**, Ankenbrandt W: LOCALIZATION OF A SPINAL THORACIC LEVEL (How to avoid Surgery on the Wrong Level) – poster, 12th IMAST (International Meeting on Advanced Spine Techniques) Meeting, Fairmont Banff Springs, Banff, Alberta, Canada, July 7-9, 2005.
76. Johnston T, Lautenschlager E, Marcu D, **Karaikovic EE**: CERVICAL PEDICLE SCREWS VERSUS LATERAL MASS SCREWS: A FLEXION-EXTENSION FATIGUE ANALYSIS - poster, Cervical Spine Research Society, San Diego, December 1-3, 2005.

77. Park HS, Dunlap B, **Karaikovic EE**, Zhang LQ: DIFFERENCE IN BIOMECHANICAL PROPERTIES BETWEEN A CERVICAL PEDICLE SCREW CONSTRUCT AND LATERAL MASS CERVICAL FIXATION, American Society of Biomechanics, Palo Alto, California, August 22-25, 2007.
78. Sieradzki JP, Savage JW, Park HS, Zhang LQ, **Karaikovic EE**: A BIOMECHANICAL COMPARISON OF TWO CONSTRUCTS IN A C5 BURST FRACTURE MODEL: PEDICLE SCREW-ROD VERSUS LATERAL MASS SCREW-ROD AND ANTERIOR PLATING – poster, Cervical Spine Research Society, Austin, Texas, December 4-6, 2008.
79. Limthongkul, W, Savage J, **Karaikovic EE**: VOLUMETRIC ANALYSIS OF THE THORACIC AND LUMBAR VERTEBRAL BODIES, Lumbar Spine Research Society, Sofitel, Chicago, April 2009.
80. Savage J, Limthongkul W, Park HS, Zhang L, **Karaikovic EE**: A COMPARISON OF BIOMECHANICAL STABILITY AND PULLOUT STRENGTH BETWEEN AN INTRALAMINAR SCREW AND PEDICLE SCREW CONSTRUCT FOR A C1-C2 INSTABILITY MODEL, The 16th International Meeting on Advanced Spine Techniques (IMAST) – **Whitecloud Award for Best Basic Science Paper Finalist**, Vienna, Austria, July 15-18, 2009.
81. Savage J, Limthongkul W, Park HS, Zhang L, **Karaikovic EE**: A COMPARISON OF BIOMECHANICAL STABILITY AND PULLOUT STRENGTH BETWEEN AN INTRALAMINAR SCREW AND PEDICLE SCREW CONSTRUCT FOR A C1-C2 INSTABILITY MODEL, Focused paper presentation (Trauma), North American Spine Society Meeting, Orlando, October 6, 2010.
82. Savage J, Limthongkul W, Park HS, Zhang L, **Karaikovic EE**: A COMPARISON OF BIOMECHANICAL STABILITY AND PULLOUT STRENGTH BETWEEN AN INTRALAMINAR SCREW AND PEDICLE SCREW CONSTRUCT FOR A C1-C2 INSTABILITY MODEL, 7th Annual Spine Summit, Park City, UT, February 2-5, 2010. (poster)
83. Mehta JS, Min K, **Karaikovic EE**, Shah S, Zarzycki D, Gaines RW: SHORT SEGMENT ANTERIOR FUSION WITH INTERBODY CAGES FOR PAINFUL SCHEUERMANN'S DISEASE, The 18th International Meeting on Advanced Spine Techniques (IMAST) (paper 129), Copenhagen, Denmark, July 13-16, 2011.
84. **Karaikovic EE**: SUBTROCHANTERIC FEMUR FRACTURES AFTER LONG TERM USE OF ALENDRONATES, Days of BHAAAS in BiH – Zenica, Bosnia and

Herzegovina, October 14th, 2011.

85. **Karaikovic EE:** ANALYSIS OF THE KORONARY AND SAGITTAL BALANSE OF THE THORACOLUMBAR SPINE, 3rd Congress of AOTB&H, Sarajevo, May 12-14, 2022.
86. **Karaikovic EE:** SACROILIAC JOINT DYSFUNCTION, 3rd Congress of AOTB&H, Sarajevo, May 12-14, 2022.

16.5. Invited lectures, visiting professorships, etc.

1. **Karaikovic EE:** LIFESTYLE, STANDARDS OF HEALTH CARE AND ORGANIZATION OF HEALTH CARE IN THE COUNTRIES OF THE FAR-EAST (India, Nepal, China, Thailand), Postgraduate Studies: Public Health, School of Public Health "Andria Stampar", School of Medicine, University of Zagreb, Croatia, 1989. and 1990.
2. **Karaikovic EE,** McCormack T, Gaines RW Jr: ALTERNATIVE SPINAL FRACTURE CLASSIFICATION, Treatment of Surgical Spine Disease, St. Louis, Missouri, April 1993.
3. **Karaikovic EE:** SONOGRAPHY OF THE INFANT HIP IN EARLY DIAGNOSIS OF CONGENITAL HIP DISLOCATION, University of Missouri-Columbia, Department of Child Health Grand Rounds, May 1993.
4. **Karaikovic EE:** SPONDYLOLISTHESIS, Columbia Spine Conference, Columbia, Missouri, August 1993.
5. **Karaikovic EE:** LESSONS FROM BOSNIA, Department of Religious Studies, University of Missouri-Columbia, Invited lecturer, 1993.
6. **Karaikovic EE:** LESSONS FROM BOSNIA, Department of Peace Studies, University of Missouri-Columbia, Invited lecturer, 1993-2001.
7. **Karaikovic EE –** MORPHOLOGICAL CHARACTERISTICS OF HUMAN CERVICAL PEDICLES, 7th Annual International Workshop: Spinal Reconstructive Surgery of the Lumbar and Thoracolumbar Spine, Cleveland, Ohio, February 22-25, 1995.
8. **Karaikovic EE -** THORACOLUMBAR SPINE INJURIES, Mid-Missouri Chapter of the Association of Surgical Technologists, Columbia, Missouri, Sept. 30.-Oct.1. 1995.

9. **Karaikovic EE**, Daubs MD, Madsen R, Gaines RW Jr.: MORPHOLOGIC CHARACTERISTICS OF HUMAN CERVICAL PEDICLES, 8th AcroMed International Workshop, Cleveland International Spine Center, Cleveland, Ohio, Oct. 15-17. 1995.
10. **Karaikovic EE**, Daubs MD, Madsen R, Gaines RW Jr.: MORPHOLOGIC CHARACTERISTICS OF HUMAN CERVICAL PEDICLES, 9th AcroMed International Workshop, Cleveland International Spine Center, Cleveland, Ohio, Feb. 29-30. 1996.
11. **Karaikovic EE**: LESSONS FROM BOSNIA, Social Science Lecture Series - Invited lecturer, Truman State University, Kirksville, Missouri, April 18, 1997.
12. **Karaikovic EE**: Principles of AO/ASIF Osteosynthesis, Division of Plastic Surgery, Grand Rounds, University of Missouri-Columbia, September 17, 1997.
13. **Karaikovic EE**, Daubs MD, Madsen R, Gaines RW Jr.: MORPHOLOGIC CHARACTERISTICS OF HUMAN CERVICAL PEDICLES, First East European Spine Society Meeting, Liberec, Czech Republic, October 3-4. 1997.
14. **Karaikovic EE**, Gaines RW: OUR EXPERIENCE WITH KANEDA DEVICE IN THORACOLUMBAR FRACTURES, First East European Spine Society Meeting, Liberec, Czech Republic, October 3-4. 1997.
15. **Karaikovic EE**: SURGICAL ANATOMY OF THE CERVICAL PEDICLE, The International DePuy AcroMed Spinal Course, Cairo, Egypt, January 27-29. 1999.
16. **Karaikovic EE**: IMPLICATIONS OF THE WAR IN BOSNIA, Invited lecturer, Peace studies, Columbia Collage, Columbia, Missouri, February 4, 1999.
17. **Karaikovic EE**, Kunakornsawat S, Daubs MD, Madsen RW, Gaines RW Jr.: SURGICAL ANATOMY OF THE CERVICAL PEDICLES, 12th AcroMed International Workshop, Cleveland International Spine Center, Cleveland, Ohio, Feb. 10. 1999.
18. **Karaikovic EE**, Kunakornsawat S, Daubs MD, Madsen R, Gaines RW Jr: SURGICAL ANATOMY OF THE CERVICAL PEDICLES, Second East European Spine Society Meeting, Liberec, Czech Republic, October 21-22. 1999.
19. **Karaikovic EE**: THORACIC PEDICLE INSTRUMENTATION, Second East European Spine Society Meeting, Liberec, Czech Republic, October 21-22. 1999.
20. **Karaikovic EE**: OPERATIVE TREATMENT OF FEMUR FRACTURES, Missouri Chapter of the American College of Surgeons, 33rd Annual Professional Meeting, Lake of the Ozarks, June 16-18, 2000.

21. **Karaikovic EE:** SURGICAL ANATOMY OF THE CERVICAL SPINE: LANDMARKS FOR POSTERIOR CERVICAL PEDICLE ENTRANCE LOCALIZATION, Hokkaido School of Medicine, Sapporo, Japan, November 6, 2000.
22. **Karaikovic EE,** Lowry KJ, Yings W, Gaines RW: PAIN CONTROL IN PATIENTS TREATED WITH THE KANEDA ANTERIOR SPINAL SYSTEM, 34th Japanese Scoliosis Society Meeting, Tokyo, Japan, November 10-11, 2000.
23. **Karaikovic EE:** ANATOMICAL CONSIDERATIONS AND SAFETY OF CERVICAL PEDICLE SCREW PLACEMENT, Philippines Spine Society Meeting, Manila, Philippines, September 26, 2001.
24. **Karaikovic EE:** TREATMENT OF SCOLIOSIS USING THE KANEDA ANTERIOR SPINAL SYSTEM, Philippines Spine Society Meeting, Manila, Philippines, September 26, 2001.
25. **Karaikovic EE:** SPINE KINESIOLOGY, Philippines Orthopedic Association-West Visayas Chapter, Iloilo City, Philippines, October 6, 2001.
26. **Karaikovic EE:** LOAD-SHARING CLASSIFICATION AND SHORT SEGMENT FIXATION AND FUSION OF THORACOLUMBAR SPINE FRACTURES, Philippines Orthopedic Association-West Visayas Chapter, Iloilo City, Philippines, October 6, 2001.
27. **Karaikovic EE:** CURRENT TREATMENT OF SPONDYLOLISTHESIS, Ho Chi Min City Orthopaedic Association, Ho Chi Min City, Viet Nam, October 20, 2001.
28. **Karaikovic EE:** CURRENT CONCEPTS IN SURGICAL TREATMENT OF IDIOPATHIC SCOLIOSIS USING ANTERIOR SHORT SEGMENT FIXATION AND FUSION, University of Sarajevo, Department of Orthopaedic Surgery, Bosnia and Herzegovina, January 7, 2002.
29. **Karaikovic EE:** SHORT SEGMENT INSTRUMENTATION AND FUSION FOR THORACOLUMBAR SPINE FRACTURES, 7th Spine Seminar and Training Course in Ho Chi Min City, Viet Nam, December 14, 2002.
30. **Karaikovic EE:** ANTERIOR SHORT SEGMENT INSTRUMENTATION FOR TREATMENT OF IDIOPATHIC THORACOLUMBAR SCOLIOSIS, 7th Spine Seminar and Training Course in Ho Chi Min City, Viet Nam, December 14, 2002.
31. **Karaikovic EE:** TREATMENT OF THORACOLUMBAR FRACTURES IN WAR CONDITIONS, 9th Annual Brooke Army Medical Center Trauma Symposium:

- “When the Terror Strikes”, San Antonio, August 17-19. 2003.
32. **Karaikovic EE:** A REVIEW OF ADOLESCENT IDIOPATHIC SCOLIOSIS: HISTORY, EVALUATION, AND TRETMENT OPTIONS, 9th Pan Arab Orthopaedic & 3rd Pan Arab Spine Joint Conference, Amman, Jordan, October 16-18, 2003.
 33. **Karaikovic EE:** MORPHOLOGIC CHARACTERISTICS OF CERVICAL PEDICLES, The 9th Pan Arab Orthopaedic & the 3rd Pan Arab Spine Joint Conference, Amman, Jordan, October 16-18, 2003.
 34. **Karaikovic EE:** TREATMENT OF THORACOLUMBAR FRACTURES, The 9th Pan Arab Orthopaedic & the 3rd Pan Arab Spine Joint Conference, Amman, Jordan, October 16-18, 2003.
 35. **Karaikovic EE:** LIVE DEMONSTRATION OF ANTERIOR SHORT SEGMENT INSTRUMENTATION AND FUSION FOR ADOLESCENT IDIOPATHIC SCOLIOSIS, 11th Operative Spine Course of the Asia Pacific Orthopedic Association, Ho Chi Minh City, Viet Nam, December 14-17, 2003.
 36. **Karaikovic EE:** MORPHOLOGY OF HUMAN CERVICAL PEDICLES, 8th Spine Seminar and Training course, Pharmaceutical & Medical Association of HCMC, Ho Chi Minh City, Viet Nam, December 18, 2003.
 37. **Karaikovic EE:** LUMBAR SPINAL STENOSIS, OASIS senior citizens association meeting, Northbrook, Illinois, February 2004.
 38. **Karaikovic EE:** PEDICLE SCREW FIXATION IN THE LUMBAR SPINE (presentation with a workshop), Orthopaedic and Trauma Association Meeting, Sarajevo, Bosnia and Herzegovina, April 9-10, 2004.
 39. **Karaikovic EE:** TREATMENT OF SPINE CONDITIONS FOR HEALTH VOLUNTEERS OVERSEAS, 2004 Teach-Travel-Learn: Volunteering with Orthopaedic Overseas Course, co-sponsored by the American Academy of Orthopaedic Surgeons and Health Volunteers Overseas (Orthopaedic Overseas), Rosemont, IL, USA, April 23-25, 2004.
 40. **Karaikovic EE:** KINESIOLOGY OF THE THORACOLUMBAR SPINE, 14th triennial Congress of the Asian Pacific Orthopaedic Association, Kuala Lumpur, Malaysia, September 5-10, 2004.
 41. **Karaikovic EE:** CURRENT CONCEPTS IN TREATMENT OF THE THORACOLUMBAR SPINE FRACTURES, 14th triennial Congress of the Asian Pacific Orthopaedic Association, Kuala Lumpur, Malaysia, September 5-10, 2004.
 42. **Karaikovic EE:** CERVICAL PEDICLE SCREWS (DREAM OR REALITY), 14th

- triennial Congress of the Asian Pacific Orthopaedic Association, Kuala Lumpur, Malaysia, September 5-10, 2004.
43. **Karaikovic EE:** KINESIOLOGY OF THE THORACOLUMBAR SPINE, Department of Orthopaedic Surgery grand rounds, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, September 10, 2004.
 44. **Karaikovic EE:** SURGICAL TREATMENT OF THE THORACOLUMBAR BURST FRACTURES, Department of Orthopaedic Surgery grand rounds, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, September 10, 2004.
 45. **Karaikovic EE:** SPINAL PROBLEMS IN THE EMERGENCY ROOM, Department of Orthopaedic Surgery grand rounds, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, September 10, 2004.
 46. **Karaikovic EE:** PEDICLE SCREW PLACEMENT IN THE THORACIC AND LUMBAR SPINE, Bimonthly meeting of spine surgeons of Costa Rica, San Jose, Costa Rica, October 5, 2004.
 47. **Karaikovic EE:** SHORT SEGMENT INSTRUMENTATION AND FUSION FOR IDIOPATHIC ADOLESCENT SCOLIOSIS, Bimonthly meeting of spine surgeons of Costa Rica, San Jose, Costa Rica, October 5, 2004.
 48. **Karaikovic EE:** SURGICAL TREATMENT OF THE THORACOLUMBAR FRACTURES, Grand rounds, St. Paul Hospital, Ha Noi, Viet Nam, December 7, 2004.
 49. **Karaikovic EE:** CERVICAL KINESIOLOGY, 9th Spine seminar and training course HCM City, Medical Association of HCM city, Spine Society, Ho Chi Mihn, Viet Nam, Dec 11, 2004.
 50. **Karaikovic EE:** THORACOLUMBAR KINESIOLOGY, 9th Spine seminar and training course HCM City, Medical Association of HCM city, Spine Society, Ho Chi Mihn, Viet Nam, Dec 11, 2004.
 51. **Karaikovic EE:** KINESIOLOGY OF THE CERVICAL SPINE, Evanston Northwestern Spine Conference, Evanston, Chicago, February 7, 2005.
 52. **Karaikovic EE:** LUMBAR SPINAL STENOSIS: TREATMENT OPTIONS FOR THE AGING SPINE, ENH CME-Accredited Educational Event, February 22, 2005.
 53. **Karaikovic EE:** SURGICAL TREATMENT OF OSTEOPOROTIC VERTEBRAL FRACTURES, Avantis-Kyphon Lecture, March 15, 2005.

54. **Karaikovic EE:** SURGICAL TREATMENT OF OSTEOPOROTIC VERTEBRAL FRACTURES, Evanston Northwestern Healthcare Department of Rheumatology Grand Rounds, April 4, 2005.
55. **Karaikovic EE:** THE 'FUNNEL' TECHNIQUE PEDICLE SCREW FIXATION, Department of Orthopaedic Surgery, University "N. Testemitanu", Chisinau, Moldova, September 5, 2005.
56. **Karaikovic EE:** SPINE PROBLEMS IN THE EMERGENCY ROOM, Department of Orthopaedic Surgery, University "N. Testemitanu", Chisinau, Moldova, September 6, 2005.
57. **Karaikovic EE:** NATURAL HISTORY AND TREATMENT OPTIONS FOR IDIOPATHIC ADOLESCENT SCOLIOSIS, Department of Orthopaedic Surgery, University "N. Testemitanu", Chisinau, Moldova, September 7, 2005.
58. **Karaikovic EE:** HOW TO GET A PAPER PUBLISHED IN A PEER REVIEW JOURNAL, 10th Spine Seminar and Training Course combined with 1st International Society for Study of Lumbar Spine Lecture Course, Ho Chi Mihn City, Viet Nam, December 9-10, 2005.
59. **Karaikovic EE:** TREATMENT OF ACUTE SPINAL CONDITIONS, Grand rounds, Schwab Physical Medicine and Rehabilitation residency program, Sinai University Medical Center, Schwab Rehabilitation Center, Chicago, IL, USA, July 10, 2006.
60. **Karaikovic EE:** COMPLICATIONS OF THE OPERATIVE TREATMENT OF THORACOLUMBAR SPINE FRACTURES, 8th Annual Chicago Trauma Symposium, July 27-30, 2006.
61. **Karaikovic EE:** ANTERIOR DUAL ROD SHORT SEGMENT INSTRUMENTATION FOR ADOLESCENT IDIOPATHIC SCOLIOSIS, Dubai Spine Conference "Spinal Deformities and Tumors", Dubai, UAE, September 14, 2006.
62. **Karaikovic EE:** SURGICAL TREATMENT OPTIONS FOR METASTATIC THORACOLUMBAR SPINE FRACTURES, Dubai Spine Conference "Spinal Deformities and Tumors", Dubai, UAE, September 14, 2006.
63. **Karaikovic EE:** NATURAL HISTORY AND TREATMENT OPTIONS FOR ADOLESCENT IDIOPATHIC SCOLIOSIS, Department of Rehabilitation, Al Rashid Hospital, Dubai, UAE, September 17, 2006.
64. **Karaikovic EE:** SPINAL KINESIOLOGY, Department of Medicine, Louis Weiss Memorial Hospital, Chicago, IL, September 27, 2006.
65. **Karaikovic EE:** TREATMENT OPTIONS FOR OSTEOPOROTIC VERTEBRAL

- FRACTURES, OASIS lecture series, Northbrook, IL, October 26, 2006.
66. **Karaikovic EE:** TREATMENT OF SUPRACONDYLAR HUMERUS FRACTURES IN ADULTS, AO North America, Advances of Fracture Management for Operating Room Personnel, Scottsdale, Arizona, October 27-28, 2006.
 67. **Karaikovic EE:** BONE GRAFTING: OPTIONS AND ALTERNATIVE, AO North America, Advances of Fracture Management for Operating Room Personnel, Scottsdale, Arizona, October 27-28, 2006.
 68. **Karaikovic EE:** LOAD SHARING AND THE OPERATIVE TREATMENT OF THORACOLUMBAR SPINE FRACTURES, Visiting Professor, Louisiana State University Department of Orthopaedic Surgery, Shreveport, LA, April 17, 2007.
 69. **Karaikovic EE:** OSTEOPOROTIC VERTEBRAL FRACTURES – CURRENT CONCEPTS, Visiting Professor, Louisiana State University Department of Orthopaedic Surgery, Shreveport, LA, April 17, 2007.
 70. **Karaikovic EE:** TREATMENT OPTIONS FOR OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES, Kyphon lecture for Weiss Memorial Hospital staff, October 23, 2007.
 71. **Karaikovic EE:** CERVICAL PEDICLE SCREWS: UPDATE, Department of Orthopaedic Surgery, Queen Mary Hospital, Hong Kong, China, November 28, 2007.
 72. **Karaikovic EE:** ADOLESCENT IDIOPATHIC THORACOLUMBAR SCOLIOSIS, Department of Orthopaedic Surgery, Davao Medical Center, Davao City, Mindanao, Philippines, November 29, 2007.
 73. **Karaikovic EE:** COMPLICATIONS OF THE SURGICAL TREATMENT OF THE THORACOLUMBAR BURST FRACTURES, Mindanao Orthopaedic Association – Southern Chapter, Davao City, Mindanao, November 30, 2007.
 74. **Karaikovic EE:** SPINE PROBLEMS IN THE EMERGENCY ROOM, Mindanao Orthopaedic Association – Southern Chapter, Davao City, Mindanao, November 30, 2007.
 75. **Karaikovic EE:** TREATMENT OPTIONS FOR OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES WITH EMPHASIS ON MINIMALLY INVASIVE SURGICAL TECHNIQUES, Invited speaker, Combined 27th Asian Orthopedic Association, 6th Viet Nam Orthopaedic Association and 12th Spine Society of Ho Chi Minh meeting, Ho Chi Minh City, Viet Nam, December 5-8, 2007.
 76. **Karaikovic EE:** OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES:

- OPERATIVE VS. NONOPERATIVE TREATMENT, Bosnian Medical Association of Chicago, Chicago, IL, January 25, 2008.
77. **Karaikovic EE:** TREATMENT ALGORITHM FOR OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES, Department of Family Medicine, Mount Sinai Hospital, Chicago, IL, March 28, 2008.
 78. **Karaikovic EE:** CERVICAL PEDICLE SCREWS: DREAM OR REALITY, Department of Orthopaedic Surgery, Louisiana State University, New Orleans, April 18, 2008.
 79. **Karaikovic EE:** LUMBAR SPINAL STENOSIS – TREATMENT OPTIONS, Department of Orthopaedic Surgery, Trauma and Orthopaedic Hospital, Clinical Medical Center, Sarajevo, Bosnia and Herzegovina, April 22, 2008.
 80. **Karaikovic EE:** LUMBAR SPINAL STENOSIS, Department of Family Medicine, Mount Sinai Hospital, Chicago, IL, November 14, 2008.
 81. **Karaikovic EE:** TREATMENT OPTIONS FOR THORACOLUMBAR SPINE FRACTURES, TREATMENT OPTIONS FOR OSTEOPOROTIC THORACOLUMBAR FRACTURES, LUMBAR SPINAL STENOSIS, ADOLESCENT IDIOPATHIC THORACOLUMBAR SCOLIOSIS, Advanced Spinal Surgery Course (course director), Sarajevo, Bosnia and Herzegovina, Dec 22-26.08.
 82. **Karaikovic EE:** DEGENERATIVE CONDITIONS OF THE LUMBAR SPINE; Bosnian Library, Chicago, IL, USA, January 31, 2009.
 83. **Karaikovic EE:** CERVICAL KINESIOLOGY, 1st International Conference on Kinesiology, Lenc Bohdanec, Czech Republic, February 25-26, 2009.
 84. **Karaikovic EE:** THORACOLUMBAR KINESIOLOGY, 1st International Conference on Kinesiology, Lenc Bohdanec, Czech Republic, February 25-26, 2009.
 85. **Karaikovic EE:** LUMBAR SPINAL STENOSIS – NATURAL HISTORY AND TREATMENT OPTIONS, Medical grand rounds (CME), Weiss Memorial Hospital, Chicago, IL, September 16, 2009.
 86. **Karaikovic EE:** MEDICAL ERRORS THAT SHOULD NOT HAPPEN, Days of Bosnian Herzegovinian American Academy of Arts and Sciences (BHAAAS) in Bosnia and Herzegovina, Annual meeting, University of Sarajevo Clinical Center, Sarajevo, Bosnia and Herzegovina, October 28, 2009.

87. **Karaikovic EE:** HOW TO PUBLISH A PAPER IN A PEER REVIEW JOURNAL, Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, University of Sarajevo Grand lecture room, Sarajevo, Bosnia and Herzegovina, October 29, 2009.
88. **Karaikovic EE:** MISSION, PAST, PRESENT AND FUTURE OF THE BHAAAS, Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo, Bosnia and Herzegovina, October 30, 2009.
89. **Karaikovic EE:** KINESIOLOGY OF THE CERVICAL SPINE, Department of Orthopaedic Surgery Spine Conference (CME), NorthShore University HealthSystem, Evanston, IL, March 5, 2010.
90. **Karaikovic EE:** VERTEBRAL AUGMENTATION FOR TREATMENT OF OSTEOPOROTIC FRACTURES, Medical Grand Rounds (CME), NorthShore University HealthSystem, Evanston, IL, March 5, 2010.
91. **Karaikovic EE:** UPDATE ON GENETICS IN ORTHOPAEDICS, Bosnian Medical Initiative meeting, Sarajevo, Bosnia and Herzegovina, October 19, 2010.
92. **Karaikovic EE:** UPDATE ON MEDICAL ERRORS, Days of BHAAAS in BiH – Tuzla 2010, Tuzla, Plenary session, Bosnia and Herzegovina, October 20, 2010.
93. **Karaikovic EE:** SHORT SEGMENT ANTERIOR FUSION FOR IDIOPATHIC THORACOLUMBAR SCOLIOSIS, Days of BHAAAS in BiH – Tuzla 2010, Neurosurgery and spinal surgery section; Tuzla, Bosnia and Herzegovina, October 21, 2010.
94. **Karaikovic EE:** COMPLEX SYSTEMS IN MEDICAL EDUCATION, Days of BHAAAS in BiH – Tuzla 2010, University of Tuzla; Tuzla, Bosnia and Herzegovina, October 22, 2010.
95. **Karaikovic EE:** BONE GRAFTS AND ALTERNATIVES IN ORTHOPAEDIC SURGERY, Days of BHAAAS in BiH – Tuzla 2010, Orthopaedic section, Tuzla, Bosnia and Herzegovina, October 22, 2010.
96. **Karaikovic EE:** BONE GRAFTS IN SPINE SURGERY, Department of Orthopaedic Surgery Spine Conference (CME), NorthShore University HealthSystem, Evanston, IL, November 5, 2010.
97. **Karaikovic EE:** CERVICAL PEDICLE SCREWS – UPDATE, Combined Orthopaedic-Neurosurgery Spine conference (CME), NorthShore University HealthSystem, Evanston, IL, September 2, 2011.

98. **Karaikovic EE:** IN-PATIENT SURGICAL ERRORS (Plenary session); Days of BHAAAS in BiH – Zenica, Bosnia and Herzegovina, October 14th, 2011.
99. **Karaikovic EE:** INTRA AND POSTOPERATIVE CONCERNS IN TREATMENT OF THE ADOLESCENT IDIOPATHIC THORACOLUMBAR SCOLIOSIS, Surgical ICU nursing lecture series, NorthShore University HealthSystem, Evanston, September 6th, 2012.
100. **Karaikovic EE:** CERVICAL PEDICLE SCREWS – DREAM OR REALITY and SHORT SEGMENT INSTRUMENTATION FOR A SURGICAL TREATMENT OF THE ADOLESCENT IDIOPATHIC SCOLIOSIS AND SCHEUERMANN'S KYPHOSIS, Grand rounds, Department of Orthopaedics, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, October 16, 2012.
101. **Karaikovic EE:** SHORT SEGMENT INSTRUMENTATION FOR A SURGICAL TREATMENT OF THE ADOLESCENT IDIOPATHIC SCOLIOSIS AND SCHEUERMANN'S KYPHOSIS, Grand rounds, Department of Orthopaedics, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, October 16, 2012.
102. **Karaikovic EE:** GENERAL PRINCIPLES FOR THE SURGICAL MANAGEMENT OF DEGENERATIVE SCOLIOSIS. WHAT SHOULD WE DO? WHAT SHOULD WE DO NOT DO?, 1st Scoliosis Research Society (SRS) Regional Balkans Meeting, Sarajevo, Bosnia and Herzegovina, November 1-2, 2013.
103. **Karaikovic EE:** SPECIFIC AND NON-SPECIFIC PRIMARY SPINE INFECTIONS: 2013 PROSPECTIVE, 1st Scoliosis Research Society (SRS) Regional Balkans Meeting, Sarajevo, Bosnia and Herzegovina, November 1-2, 2013.
104. **Karaikovic EE:** BOSNIA AND HERZEGOVINA: BEFORE AND NOW, Evanston Lighthouse Rotary Club, Hilton Garden Inn, Evanston November 26th, 2013.
105. **Karaikovic EE:** TREATMENT OF PERISPINAL INFECTIONS – 2014 Prospectives, National Association of Orthopaedic Nurses (NAON) meeting, Chicago, IL, March 28, 2014.
106. **Karaikovic EE:** POSTOPERATIVE SPINE INFECTIONS, Evaluation and Treatment of Adult Spinal Deformity: Scull to Sacrum, North American Spine Society, Burr Ridge Chicago, IL, March 28-29, 2014.
107. **Karaikovic EE:** PATIENT SAFETY; NEVER EVENTS, Sarajevo School of Science and Technology, Sarajevo, Bosnia & Herzegovina, October 23, 2014.

108. **Karaikovic EE:** SACROILIAC JOINT PATHOLOGY AND TREATMENT OPTIONS, , Athletico Physical Therapy CME lecture, Evanston, January 5, 2015.
109. **Karaikovic EE:** SURGICAL MANAGEMENT OF DEGENERATIVE SCOLIOSIS, Department of Orthopaedic Surgery, Haydar Medical Complex, Peshawar, Pakistan, February 2, 2015.
110. **Karaikovic EE:** PROXIMAL AND DISTAL JUNCTIONAL KYPHOSIS IN DEGENERATIVE SCOLIOSIS, Days of BHAAAS in BiH – 2015, Neurosurgery and Spine Symposium, Brcko, Bosnia and Herzegovina, April 26th, 2015.
111. **Karaikovic EE:** PROXIMAL AND DISTAL JUNCTIONAL PROBLEMS AFTER A SURGICAL TREATMENT OF SPINAL DEFORMITIES IN ADULTS, Combined Orthopaedic and Neurosurgery Spine Conference, Department of Orthopaedic Surgery Spine Conference (CME), NorthShore University HealthSystem, Evanston, IL, August 7th, 2015.
112. **Karaikovic EE:** SHORT SEGMENT INSTRUMENTATION FOR TREATMENT OF THE THORACOLUMBAR FRACTURES, Grand Rounds, Department of Orthopaedic Surgery, University of Cape Town, Cape Town, South Africa, October 28th, 2015.
113. **Karaikovic EE:** GENERAL PRINCIPLES FOR THE SURGICAL MANAGEMENT OF DEGENERATIVE SCOLIOSIS, 22nd Annual Meeting of the Spine Society of HCM City, Ho Chi Minh City, Viet Nam, December 18-19th, 2015.
114. **Karaikovic EE:** THE SAGITTAL BALANCE AND PROXIMAL AND DISTAL JUNCTIONAL FAILURE AFTER A SURGICAL TREATMENT OF SPINAL DEFORMITIES IN ADULTS, 22nd Annual Meeting of the Spine Society of HCM City, Ho Chi Minh City, Viet Nam, December 18-19th, 2015.
115. **Karaikovic EE:** SURGICAL MENAGEMENT OF THE DEGENERATIVE SCOLIOSIS, Department of Neurosurgery and Orthopaedic Surgery, Grand rounds, St Paul's Hospital, Hanoi, Viet Nam, December 26, 2015.
116. **Karaikovic EE:** CERVICAL PEDICLES, Department of Neurosurgery and Orthopaedic Surgery, Grand rounds, St Paul's Hospital, Hanoi, Viet Nam, December 26, 2015.
117. **Karaikovic EE:** SAGITTAL AND CORONAL BALANCE IN CORRECTION OF THE ADULT AND SPINAL DEFORMITIES OF THE THORACOLUMBAR SPINE. Seminar: Current Concepts in Treatment of some Diseases and Disorders in

- Medicine and Surgery, Sarajevo School of Science and Technology, Sarajevo, Bosnia and Herzegovina, May 23, 2016.
118. **Karaikovic EE:** SHORT SEGMENT FIXATION IN TREATMENT OF THORACOLUMBAR SPINE FRACTURES. 8th Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, Bosnian Herzegovinian American Academy of Arts and Sciences, Neum, Bosnia and Herzegovina, May 26-29, 2016.
 119. **Karaikovic EE:** BACK PAIN AND OSTEOPOROSIS, Weiss Memorial Hospital Lecture Series "The Learning Cafe", August 10, 2016.
 120. **Karaikovic EE:** SACROILIAC JOINT DYSFUNCTION, NorthShore University Health Systems Orthopaedic and Neurosurgery Spine Conference, Evanston, February 3rd, 2017.
 121. **Karaikovic EE:** ROAD TO A M.D. IN THE USA. Seminar: Research Frontiers in Medical Sciences: The Latest Discoveries within the Field of Medical Research and Practice, Sarajevo School of Science and Technology, May 22nd, 2017.
 122. **Karaikovic EE:** ROAD TO A M.D. IN THE USA. Seminar: BHAAAS at the Medical School, Medical School, University of Sarajevo, May 23rd, 2017.
 123. **Karaikovic EE:** SACROILIAC JOINT DYSFUNCTION. International symposium on Orthopaedic Surgery and Trauma, 9th Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, Bosnian Herzegovinian American Academy of Arts and Sciences, Teslic, Bosnia and Herzegovina, May 25-28, 2017.
 124. **Karaikovic EE:** NAVIGATION AND ROBOTICS IN SPINE SURGERY. International symposium on Neurosurgery and Spine surgery. 9th Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, Bosnian Herzegovinian American Academy of Arts and Sciences, Teslic, Bosnia and Herzegovina, May 25-28, 2017.
 125. **Karaikovic EE:** TOPOGRAPHY OF THE POSTERIOR CERVICAL SPINE, 1st Combined Meeting of North American Spine Society (NASS), Society of Spine Surgeons Pakistan (SSSP), Asia Pacific Spine Society (APSS) and Pakistan Orthopedic Association (POA), Faletti's Hotel, Lahore, Pakistan, March 26, 2018.
 126. **Karaikovic EE:** INTRAOPERATIVE NAVIGATION AND ROBOTICS IN SPINE SURGERY, 1st Combined Meeting NASS, OASAC, SSSP, APSS, POA, Faletti's Hotel, Lahore, Pakistan, March 27, 2018.
 127. **Karaikovic EE:** SHORT SEGMENT FIXATION OF THORACOLUMBAR FRACTURES, 1st Combined Meeting NASS, OASAC, SSSP, APSS, POA, Faletti's Hotel, Lahore, Pakistan, March 27, 2018.

128. **Karaikovic EE:** ALL YOU WANTED TO KNOW ABOUT LOWER BACK PAIN, Public Library, Defense Raya Golf and Country Club (Cinema hall), Lahore, Pakistan, March 29, 2018.
129. **Karaikovic EE:** KINEZIOLOGY OF THE CERVICAL SPINE, Symposium on Spine Deformity: Evaluation and Management; The Department of Orthopaedics, Rawalpindi Medical University, Benazir Bhutto Hospital, Rawalpindi, Pakistan. June 26th, 2018.
130. **Karaikovic EE:** PHYSICAL EVALUATION OF THE SPINE (CERVICAL THROUGH LUMBAR) Symposium on Spine Deformity: Evaluation and Management; The Department of Orthopaedics, Rawalpindi Medical University, Benazir Bhutto Hospital, Rawalpindi, Pakistan. June 26th, 2018.
131. **Karaikovic EE:** SURGICAL TREATMENT OF THE DEGENERATIVE SCOLIOSIS (PROXIMAL AND DISTAL JUNCTIONAL KYPHOSIS), Symposium on Spine Deformity: Evaluation and Management; The Department of Orthopaedics, Rawalpindi Medical University, Benazir Bhutto Hospital, Rawalpindi, Pakistan. June 26th, 2018.
132. **Karaikovic EE:** CERVICAL PEDICLE SCREWS (DREAM OR REALITY); 3rd Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (SMISS) and Indonesian Spine Society (ISS), Jakarta, Indonesia. September 14-16, 2018.
133. **Karaikovic EE:** PROXIMAL AND DISTAL JUNCTIONAL PROBLEMS AFTER A SURGICAL TREATMENT OF SPINAL DEFORMITIES IN ADULTS; 3rd Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (SMISS) and Indonesian Spine Society (ISS), Jakarta, Indonesia. September 14-16, 2018.
134. **Karaikovic EE:** INTRAOPERATIVE NAVIGATIONS AND ROBOTICS; 3rd Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (SMISS) and Indonesian Spine Society (ISS), Jakarta, Indonesia. September 14-16, 2018.
135. **Karaikovic EE:** SACROILIAC JOINT DYSFUNCTION; 3rd Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (SMISS) and Indonesian Spine Society (ISS), Jakarta, Indonesia. September 14-16, 2018.
136. **Karaikovic EE:** ANATOMY OF THE CERVICAL PEDICLES; 12th Combined Meeting of the Asia Pacific Spine Society (APSS) and Asia Pacific Pediatric

- Orthopaedic Society (APPOS), at Songdo Convensia, Incheon, Korea. April 4-6, 2019.
137. **Karaikovic EE:** ANALYZING SAGITTAL AND CORONAL IMBALANCE OF THE THORACOLUMBAR SPINE; 12th Combined Meeting of the Asia Pacific Spine Society (APSS) and Asia Pacific Pediatric Orthopaedic Society (APPOS), at Songdo Convensia, Incheon, Korea. April 4-6, 2019.
 138. **Karaikovic EE:** ANALYZING SAGITTAL AND CORONAL IMBALANCE OF THE THORACOLUMBAR SPINE, Combined Orthopaedic and Neurosurgery Spine Conference, NorthShore University Health Systems, Chicago, USA, June 7, 2019.
 139. **Karaikovic EE:** CORONAL AND SAGITTAL SPINAL IMBALANCE. 6th Annual Seminar “BHAAAS AT SSST”: Research Frontiers in Medical Science: The Latest Discoveries within the Field of Medical Research and Practice, Sarajevo School of Science and Technology, Sarajevo, Bosnia and Herzegovina, June 19, 2019.
 140. **Karaikovic EE:** PROXIMAL AND DISTAL JUNCTIONAL PATHOLOGY AFTER THORACOLUMBAR SPINAL FUSION IN ADULTS, Himalayan Spine Conference and Annual Meeting of the Spine Surgeons of Nepal, Kathmandu, Nepal November 22-23, 2019.
 141. **Karaikovic EE:** CERVICAL MYELOPATHY. 7th Annual Seminar “BHAAAS AT SSST”: Research Frontiers in Medical Science, Sarajevo School of Science and Technology, Sarajevo, Bosnia and Herzegovina, June 19, 2020.
 142. **Karaikovic EE:** SACROILIAC JOINT DYSFUNCTION, The 3rd Combined Meeting of North American Spine Society & Society of Spine Surgeons of Pakistan, Lahore, Pakistan, December 5th, 2020.
 143. **Karaikovic EE:** PROXIMAL AND DISTAL JUNCTIONAL PATHOLOGY AFTER SPINAL FUSION IN ADULTS. The 3rd Combined Meeting of North American Spine Society & Society of Spine Surgeons of Pakistan, Lahore, Pakistan, December 5th, 2020.
 144. **Karaikovic EE:** ACUTE SPINAL CONDITIONS, Hospitalist meeting, St Mary and Elizabeth Hospital, Chicago, IL, December 17, 2020.
 145. **Karaikovic EE:** PROXIMAL AND DISTAL JUNCTIONAL PATHOLOGY AFTER SPINAL FUSION, Grand Rounds, Department of Orthopaedic Surgery, University of Illinois-Chicago, Chicago, IL, February 20, 2021.
 146. **Karaikovic EE:** LUMBAR SPINAL STENOSIS AND DEGENERATIVE SCOLIOSIS, AMITA Medical Staff CME conference, Chicago, IL, April 20, 2021.

147. **Karaikovic EE:** SACROILIAC JOINT DYSFUNCTION: INDICATION AND TREATMENT. Grand Rounds Department of Orthopaedic Surgery, University of Illinois-Chicago, IL, April 28, 2021.
148. **Karaikovic EE:** HOW TO PUBLISH A PAPER. 8TH Annual Seminar: BHAAAS at the Medical School, Medical School, University of Sarajevo, May 8, 2021.
149. **Karaikovic EE.** PITFALLS IN SURGICAL TREATMENT OF DEGENERATIVE SCOLIOSIS. NASS Combined Meeting ISMISS, ISS, IOSS, Jakarta, Indonesia, October 8-9, 2021.
150. **Karaikovic EE.** SACROILIAC JOINT BIOMECHNAINCS AND TREATMENT OPTIONS. NASS Combined Meeting ISMISS, ISS, IOSS, Jakarta, Indonesia, October 8-9, 2021.
151. **Karaikovic EE.** SACROILIAC JOINT BIOMECHNAINCS AND TREATMENT OPTIONS. Grand Rounds, Department of Orthopaedic Surgery, University of Illinois Chicago, December 8, 2021.
152. **Karaikovic EE:** BACK PAIN, LUMBAR STENOSIS AND MORE. Family Practice Department Meeting, Northshore Health Centers, Portage, IN, June 16, 2022.
153. **Karaikovic EE:** PATIENT SAFETY, NEVER EVENTS. 9TH Annual Seminar: BHAAAS at the Medical School, Medical School, University of Sarajevo, June 22, 2022.
154. **Karaikovic EE:** NAVIGATION AND ROBOTICS IN SPINAL SURGERY. International Symposium on Orthopaedics and Trauma, 13th Days of BHAAAS in Bosnia and Herzegovina, Sarajevo, Bosnia and Herzegovina, June 25, 2022.
155. **Karaikovic EE:** NAVIGATION AND ROBOTICS IN SPINAL SURGERY. 35th International PAKORTHOCON 2022, Serena Hotel, Islamabad, Pakistan, January 12th-15th, 2023. **International Faculty.**
156. **Karaikovic EE:** TOTAL HIP ARTHROPLASTY AND LUMBAR SPINAL FUSION. 14th Days of BHAAAS in Bosnia and Herzegovina, Tuzla, Bosnia and Herzegovina, June 3rd, 2023.
157. **Karaikovic EE:** PROXIMAL AND DISTAL JUNCTIONAL FAILURE AFTER SPINAL FUSION IN ADULTS. Grand Rounds, Department of Orthopaedic Surgery, University of Illinois in Chicago, February 14, 2024.

17. Faculty

1. Postgraduate Studies: Public Health, School of Public Health "Andria Stampar", School of Medicine, University of Zagreb, Croatia, 1989. and 1990.
2. Treatment of Surgical Spine Disease, St. Louis, Missouri, April 1993.
3. 7th Annual International Workshop: Spinal Reconstructive Surgery of the Lumbar and Thoracolumbar Spine, Cleveland, Ohio, February 22-25, 1995.
4. Mid-Missouri Chapter of the Association of Surgical Technologists, Columbia, Missouri, Sept. 30.-Oct.1. 1995.
5. 8th AcroMed International Workshop, Cleveland International Spine Center, Cleveland, Ohio, Oct. 15-17. 1995.
6. 9th AcroMed International Workshop, Cleveland International Spine Center, Cleveland, Ohio, Feb. 29-30. 1996.
7. First East European Spine Society Meeting, Liberec, Czech Republic, October 3-4. 1997.
8. 12th AcroMed International Workshop, Cleveland International Spine Center, Cleveland, Ohio, Feb. 10. 1999.
9. Second East European Spine Society Meeting, Liberec, Czech Republic, October 21-22. 1999.
10. 7th Spine Seminar and Training Course in Ho Chi Min City, Viet Nam, December 14, 2002.
11. 9th Annual Brooke Army Medical Center Trauma Symposium: "When the Terror Strikes", San Antonio, August 17-19. 2003.
12. 9th Pan Arab Orthopaedic & 3rd Pan Arab Spine Joint Conference, Amman, Jordan, October 16-18, 2003.
13. 11th Operative Spine Course of the Asia Pacific Orthopedic Association, Ho Chi Minh City, Viet Nam, December 14-17, 2003.
14. 8th Spine Seminar and Training course, Pharmaceutical & Medical Association of HCMC, Ho Chi Minh City, Viet Nam, December 18, 2003.

15. Teach-Travel-Learn: Volunteering with Orthopaedic Overseas Course, co-sponsored by the American Academy of Orthopaedic Surgeons and Health Volunteers Overseas (Orthopaedic Overseas), Rosemont, IL, USA, April 23-25, 2004.
16. 14th triennial Congress of the Asian Pacific Orthopaedic Association, Kuala Lumpur, Malaysia, September 5-10, 2004.
17. 9th Spin seminar and training course HCM City, Medical Association of HCM city, Spine Society, Ho Chi Minh, Viet Nam, Dec 11, 2004.
18. 10th Spine Seminar and Training Course combined with 1st International Society for Study of Lumbar Spine Lecture Course, Ho Chi Minh City, Viet Nam, December 9-10, 2005.
19. 8th Annual Chicago Trauma Symposium, Treatment of Thoracolumbar Spine Fractures, July 27-30, 2006.
20. Dubai Spine Conference "Spinal Deformities and Tumors", Dubai, UAE, September 14, 2006.
21. AO North America, Advances of Fracture Management for Operating Room Personnel, Scottsdale, Arizona, October 27-28, 2006.
22. AO North America Spine Operative Room Personnel course, Baltimore, MD, April 14-15, 2007.
23. Combined 27th ASEAN Orthopedic Association, 6th Viet Nam Orthopaedic Association and 12th Spine Society of Ho Chi Minh meeting, Ho Chi Minh City, Viet Nam, December 5-8, 2007.
24. Advanced Spine Surgery Course (*course director*), Sarajevo, Bosnia and Herzegovina, December 22-26. 08.
25. 1st International Conference on Kinesiology, Lenc Bohdanec, Czech Republic, February 26-27, 2009.
26. Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, **program chairman**, Bosnian Herzegovinian American Academy of Arts and Sciences, Sarajevo, Bosnia and Herzegovina, October 28-30, 2009.
27. Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, **program chairman** for medical sciences, Bosnian Herzegovinian American Academy of

- Arts and Sciences, Tuzla, Bosnia and Herzegovina, October 20-22, 2010.
28. CSI (Crime Scene Investigation) in Bosnia and Herzegovina: forensic methods, obstacles, and the social effects of identifying victims of mass fatalities, **project coordinator**, Bosnian Herzegovinian American Academy of Arts and Sciences in cooperation with the Consulate General of B&H, G. Washington Public Library, Chicago, IL, May 10, 2011.
 29. The International Cultural Exchange Program for Classical Musicians, **project director**, Bosnian Herzegovinian American Academy of Arts and Sciences in cooperation with the Sarajevo Philharmonic, Chicago, IL, 2011-Present.
 30. Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, **program chairman** for medical sciences, Bosnian Herzegovinian American Academy of Arts and Sciences, Zenica, Bosnia and Herzegovina, October 12-14, 2011.
 31. 1st Scoliosis Research Society (SRS) Regional Balkans Meeting, **faculty**, Sarajevo, Bosnia and Herzegovina, November 1-2, 2013.
 32. Evaluation and Treatment of Adult Spinal Deformity: Scull to Sacrum, **faculty**, North American Spine Society, Burr Ridge Chicago, IL, March 28-29, 2014.
 33. SI Joint Disorders, **faculty**, Athletico University, Course for Physical Therapists, Evanston, IL, January 15.2015.
 34. Seminar: Current Concepts in Treatment of some Diseases and Disorders in Medicine and Surgery, Sarajevo School of Science and Technology, Sarajevo, Bosnia and Herzegovina. May 23, 2016. **Program co-chair: Eldin E. Karaikovic** with Lamija Tanovic.
 35. 8th BHAAAS International Neurosurgery and Spine Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH) Saturday, May 28th, 2016; within 8th Days of BHAAAS in Bosnia and Herzegovina – Neum 2016. May 26 – 29, 2016. Neum, Bosnia and Herzegovina; **Scientific board member**
 36. Seminar: Research Frontiers in Medical Sciences: The Latest Discoveries within the Field of Medical Research and Practice, Sarajevo School of Science and Technology, May 22nd, 2017. **Program co-chair: Eldin E. Karaikovic**
 37. Seminar: BHAAAS on the Medical School", Medical School, University of Sarajevo, May 23rd, 2017. **Program co-chair: Eldin E. Karaikovic**
 38. 9th BHAAAS International Neurosurgery and Spine Surgery Symposium, Saturday

- May 28th, 2017; within 9th Days of BHAAAS in Bosnia and Herzegovina – Teslic 2017; May 25-28, 2017. Teslic, Bosnia and Herzegovina; **Scientific board member**
39. 1st Combined Meeting North American Spine Society, Society of Spine Surgeons Pakistan, Asia Pacific Spine Society, OASAC and Pakistan Orthopaedic Association, Faletti's Hotel, Lahore, Pakistan. March 26-28, 2018. **Invited speaker and moderator**
 40. Symposium on Spine Deformity: Evaluation and Management: A one day symposium, at the Department of Orthopaedics, Rawalpindi Medical University, Benazir Bhutto Hospital, Rawalpindi, Pakistan. June 26th, 2018. **Key note speaker**
 41. 3rd Scientific Meeting of North American Spine Society (NASS), International Society for Minimal Intervention in Spinal Surgery (ISMISS) and Indonesian Spine Society (ISS), Jakarta, Indonesia. September 14-16, 2018. **Invited speaker and moderator**
 42. 12th Combined Meeting of the Asia Pacific Spine Society (APSS) and Asia Pacific Paediatric Orthopaedic Society (APPOS), at Songdo Convensia, Incheon, Korea. April 4-6, 2019. **Invited speaker and moderator**
 43. Himalayan Spine Conference and Annual Meeting of the Spine Surgeons of Nepal, Kathmandu, Nepal November 22-23, 2019. **Invited speaker and moderator**
 44. The 3rd Combined Meeting of North American Spine Society & Society of Spine Surgeons of Pakistan, Lahore, Pakistan, December 5th, 2020. **Invited speaker**
 45. Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, **program co-chairman**, International Symposium on Applied Robotics in Medicine, Bosnian Herzegovinian American Academy of Arts and Sciences, Mostar, Bosnia and Herzegovina, June 25, 2021.
 46. Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, **program co-chairman**, International Symposium for Orthopaedics and Trauma, Bosnian Herzegovinian American Academy of Arts and Sciences, Mostar, Bosnia and Herzegovina, June 26, 2021.
 47. NASS Combined Meeting ISMISS, ISS, IOSS, Jakarta, Indonesia, October 8-9, 2021. **Invited speaker and moderator Plenary lecture 3 (October 9th).**
 48. 3rd Congress of AOTB&H, Sarajevo, Bosnia and Herzegovina, May 12-14, 2022. **Co-Moderator** of the Spinal Surgery Session, May 14, 2022.

49. Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, program **co-chairman**, International Symposium for Orthopaedics and Trauma, Bosnian Herzegovinian American Academy of Arts and Sciences, Sarajevo, Bosnia and Herzegovina, June 25, 2022.
50. 35th International PAKORTHOCON 2022, Serena Hotel, Islamabad, Pakistan, January 12th-15th, 2023. **International Faculty**.
51. Days of BHAAAS in Bosnia and Herzegovina, Annual meeting, program **co-chairman**, International Symposium for Orthopaedics and Trauma, Bosnian Herzegovinian American Academy of Arts and Sciences, Tuzla, Bosnia and Herzegovina, June 3, 2023.

18. Public media appearances:

1. **Chicago Tribune**, Q section, Sunday edition, May 30, 2004.: STAND-UP JOB (*New Spinal Technique takes on Scoliosis*), in Quality of Life Health, by Terri Yablonsky.
2. **ENH Pilot (Evanston Northwestern Healthcare publication):** AHEAD OF THE CURVE, Summer/Fall 2004;12-13.
3. **ENH Webpage www.enh.org**, January 15, 2005.: FIRST PATIENT AT EVANSTON NORTHWESTERN HEALTHCARE TO RECEIVE NEW ORTHOPAEDIC TREATMENT GIVES ENH A “10+” RATING (*New Orthopaedic Treatment for Painful Spine Fractures*).
4. **Chicago Hospital News**, Vol 3, Issue 1, March 2005. www.hospitalnews.org: FIRST PATIENT AT EVANSTON NORTHWESTERN HEALTHCARE TO RECEIVE NEW ORTHOPAEDIC TREATMENT GIVES ENH A “10+” RATING.
6. **ENH Pilot (Evanston Northwestern Healthcare publication):** BEYOND OUR BORDERS: DOCTORS DONATE SERVICES WORLDWIDE, Summer 2005;10-11.
7. **Health Radio Network**, www.healthradio.net and ENH Radio: <http://www.enh.org/aboutus/press/radio/>: LOWER BACK PAIN, July 9, 2008.
8. **ENH Connections (Evanston Northwestern Healthcare publication),** PAIN FREE, 1(6), Aug/Sept 2008;3.
9. **Oslobodjenje (Liberation) – Daily leading newspaper of Bosnia and**

- Herzegovina: SEVERE COMPLICATIONS OF MECHANICAL INJURIES TO THE SPINE (TESKE POSLJEDICE MEHANICKIH POVREDA KICME),** (Bosnia and Herzegovina) January 4, 2009.
10. **FaceTV: PORTRAIT;** TV-1; National TV show; Sarajevo, Bosnia and Herzegovina. November 2010.
 11. **Northshore website, physician-to-physician portal, STAT - GENETIC TESTING IN SCOLIOSIS,** and NorthShore News: NEW SCOLIOSIS DNA TEST” 2014. <http://www.northshore.org/>
 12. **Connections (NorthShore University Health Systems publication),** OFF THE BENCH, Spring 2015.
 13. **NorthShore NOW,** Defining Excellence: ACTIVE LIFE RESTORED THROUGH INNOVATIVE SURGERY, November 2016.**United Bosnia and Herzegovina,** monthly: INTERVUE WITH PROF DR ELDIN KARAIKOVIC, No 159, May 2017.
 14. **United Bosnia and Herzegovina,** monthly: A SURGEON IS LIKE A PARASHUTER, No. 162, September 2017.
 15. **Fox32 Channel, Chicago:** KYPHOPLASTY – TREATMENT OF OSTEOPOROTIC SPINE FRACTURES, May 5th, 2018.
 16. **NorthShore NOW:** Employee Spotlight, June 2020.
 17. **Backer’s Spine Review:** 50+ SPINE SURGEONS TO KNOW IN 2023. By Carly Behm – updated April 8th, 2023. [Becker’s Hospital Review](#)
- 19. Live surgeries and demonstrations**
1. C1-C2 posterior spinal fusion for C2 odontoid fracture; Health Volunteers Overseas (Orthopaedic Overseas, Department of Orthopaedic surgery, University of the Philippines, Manilla, September 2001 – live surgery.
 2. Posterior spinal fusion for idiopathic adolescent thoracolumbar scoliosis; Health Volunteers Overseas (Orthopaedic Overseas), Regional Medical Center, Department of Orthopaedic Surgery, Ilo Ilo, The Philippines, September 2001 – live surgery.
 3. Posterior spinal fusion for a thoracolumbar fracture; Health Volunteers Overseas (Orthopaedic Overseas), Department of Orthopaedic Surgery, Regional Medical Center, Ilo Ilo, The Philippines, September 2001 – live surgery.

4. Thoracolumbar scoliosis; Health Volunteers Overseas (Orthopaedic Overseas), Center for Trauma and Orthopaedics, Ho Chi Minh City, Viet Nam, October 2001. – live surgeries.
5. Revision posterior spinal fusion for lumbar spondylolisthesis: Health Volunteers Overseas (Orthopaedic Overseas), Centro Nacional de Rehabilitacion and National Children's Hospital, San Jose, Costa Rica, October 2004.- live surgeries.
6. Thoracolumbar scoliosis, Thoracic and lumbar pedicle placement; Health Volunteers Overseas (Orthopaedic Overseas), Department of Orthopaedic Surgery, University of Medicine and Pharmacy "N. Testemitanu", Chisinau, Moldova, September 2005. – live surgeries.
7. Posterior spinal fusion and pedicle screw placement for a thoracolumbar fracture and idiopathic adolescent scoliosis; Department of orthopaedic surgery (Spine division), Davao Medical Center, Davao, Mindanao, Philippines, 11.28-12.5.2007 – live surgeries.
8. The first kyphoplasty in the Balkans; Department of Orthopaedic Surgery, University Medical Center, (with Prof Dr Mirza Biscevic), Sarajevo, Bosnia and Herzegovina, October 10th 2010 – live surgeries.
9. Posterior spinal fusion of an idiopathic adolescent thoracolumbar scoliosis; Department of Orthopaedic Surgery, University Medical Center, (with Prof dr Mirza Biscevic), Sarajevo, Bosnia and Herzegovina, October 10th 2013 – live surgeries.
10. L5 hemivertebra resection, posterior spinal fusion L4-S1 with pedicle screw placement; Department of Orthopaedic Surgery, University Medical Center, (with Prof Dr. Mirza Biscevic), Sarajevo, Bosnia and Herzegovina, April 2015 – live surgeries.
11. Posterior fixation of the cervical, thoracic and lumbar spine: 1st Combined Meeting North American Spine Society, Society of Spine Surgeons Pakistan, Asia Pacific Spine Society, OASAC and Pakistan Orthopaedic Association, King Edward's Medical College, Lahore, Pakistan. March 28th, 2018 – cadaver demonstrations.
12. Kyphoplasty for thoracic compression fractures, Symposium on Spine Deformity: Evaluation and Management; The Department of Orthopaedics, with Prof Dr Raiz Ahmed, Rawalpindi Medical University, Benazir Bhutto Hospital, Rawalpindi, Pakistan. June 26th, 2018 – live surgery.
13. University of Tuzla, Department of Orthopaedic Surgery, Visit in cooperation of the United Nations International Office for Migration (IOM) and the government of

Federation of Bosnia and Herzegovina, Project: Diaspora for Development (D4D), Tuzla Bosnia and Herzegovina June 23-28, 2019. – visiting professor (posterior occipito-cervical fixation, adolescent and adult scoliosis).

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