

Curriculum Vitae

Kara Beasley, DO, MBe

Business Address: Boulder Neurosurgical & Spine Associates
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PROFESSIONAL EXPERIENCE

2011 – Present Boulder Neurosurgical & Spine Associates
Staff Neurosurgeon, January 2012 – present
Boulder, Colorado

Education

Oct 2011-Dec 2011 **Clinical Scholar: Epilepsy Surgery**
The Cleveland Clinic Foundation
Mentor: Jorge Gonzalez-Martinez, MD

Oct 2010-Sept 2011 **Functional Neurosurgery Fellowship**
The Cleveland Clinic Foundation
Mentor: Andre Machado, MD, PhD

Oct 2010-Dec 2011 **Neuroethics Special Concentration**
The Cleveland Clinic Foundation
Mentor: Paul Ford, PhD

June 2009-March 2010 **Gamma Knife Stereotactic Radiosurgery
Embedded Fellowship:**
Cooper University Hospital, Camden, NJ
Mentor: H. Warren Goldman, MD, PhD

June 2005-Sept 2010 **Neurosurgery Residency**, Philadelphia College of
Osteopathic Medicine, Philadelphia, PA

Aug 2004-Sep 2004 **Pediatric Neurosurgery Rotation**
Phoenix Children's Hospital

July 2004-June 2005 **Internship**
Tempe St. Luke's Hospital, Tempe, AZ

Aug 2000-June 2004 **Arizona College of Osteopathic Medicine**
Degree: D.O. with High Honors (top 10%)

Aug 2000-June 2004 **Midwestern University**
Degree: Masters of Arts in Bioethics

Aug 1992-June 1996 **University of North Carolina**
Degree: B.A. Drama and Speech
B.A. Biology

Licensure:
Colorado
Pennsylvania
New Jersey
Ohio

COMLEX:

Step 1 2003
Step 2 2004
Step 3 2005

American College of Osteopathic Surgeons Neurosurgery Boards:

Step 1 2011

Awards and Honors

2011 Brain Matters 2: Early Career Scholars Award
2010 American College of Osteopathic Surgeons Scientific Writing Award
2008 Innovator's Circle Grant: Brain Death Education Project. Abington Memorial Hospital, Abington, PA
2004 Distinguished Student Service Award, Arizona Osteopathic Medical Association
2004 Glasgow-Rubin Achievement Citation, American Medical Women's Association
2001-2004 American Osteopathic Association: Committee on Constitution and Bylaws Member
2000-2004 Board of Trustees Member: Arizona Osteopathic Medical Association
2003-2004 Sigma Sigma Phi: National Osteopathic Honor Society
2000-2002 Arizona Osteopathic Medical Association House of Delegates: Representative
2003 St. Luke's Service League Health Professions Scholarship
2002 Student Osteopathic Medical Association Student Service Scholarship
1994 Alpha Psi Omega: National Theatre Honor Society

Research Experience

February 2013 – present **The Investigational Plan for the Evaluation of the ACADIA™ Facet Replacement System**
Sponsor: Globus Medical, Inc
Role: Sub-Investigator

June 2012 – present **A Phase 3, Randomized, Single-Blind, Controlled Trial of Topical Fibrocaps™ in Intraoperative Surgical Hemostasis**
Sponsor: ProFibrix, Inc.
Role: Sub-Investigator

May 2012 – present **Prospective Randomized Clinical Trial Evaluating the Effectiveness of Lower Body Positive Pressure Treadmill Training in Patients after Lumbar Microdiscectomy and Fusion Surgeries.**
Sponsor – Justin Parker Neurological Institute
Role: Sub-Investigator

October 2011 – present **Prospective Randomized Clinical Trial Comparing PEEK and Allograft Spacers in Patients Undergoing Spinal Intervertebral Fusion Surgeries**
Sponsor – Justin Parker Neurological Institute

March 2008-April 2009	<i>Role: Sub-Investigator</i> Brain Death Education Project <i>Preceptor: Steven Barrer, MD</i> <i>Grants: Abington Innovator's Circle</i>
July 2009-June 2010	Intracranial Pressure Monitoring in Traumatic Hemicraniectomy <i>Preceptor: H.W. Goldman, MD, PhD</i>
Jan 2010-May 2010	Biochemical Pathophysiology of Brain Metastasis <i>Preceptor: Steve Toms, MD, MPH</i>
Sept 2010-Present	Biparietal Diameter and Laterality in STN Targeting <i>Preceptor: Milind Deogaonkar MD</i> Ethics of Awake Craniotomy <i>Preceptor: Paul Ford PhD, Andre Machado MD, PhD</i> Outcomes in Spinal Cord Stimulation Among Workman's Compensation Patients <i>Preceptor: Andre Machado MD, PhD, Paul Ford PhD</i> Accuracy of Stealth vs. Brainlab in Stereotactic Functional Targeting for Deep Brain Stimulation <i>Preceptor: Andre Machado MD, PhD</i>

Publications

1. Mason, A, Ayres K, **Beasley K**, Burneikiene S, Villavicencio AT, Nelson EL. *A Novel Case of Resolved Post-Herpetic Neuralgia with Subsequent Development of Trigeminal Neuralgia: Case Report and Review of the Literature.* J Neurol Neurosurg Psych. (Submitted)
2. **Beasley KD**, Toms SA. *The molecular pathobiology of metastasis to the brain* *Neurosurg Clin N Am* 2011 Jan.22(1):7-14
3. Kirkpatrick JN, **Beasley KD**, Caplan AL. *Death is just not what it used to be.* Cambridge Quarterly of Healthcare Ethics, in Press (2010;19(1)).
4. **Beasley KD**, Deogaonkar MD, Machado A, Nagel S. *Biparietal Diameter and Laterality in STN Targeting.* (In review)
5. *Intracranial Pressure Monitoring in traumatic hemicraniectomy* (In Preparation)
6. *American College of Osteopathic Surgeons Consensus Paper on Determination of Death By Neurologic Criteria* (In review)

Oral Presentations

1. 2012 Current Techniques in the Treatment of Brain and Spinal Disorders: *Vagal Nerve Stimulation and Other Surgical Options for Epilepsy: Science or Fiction?* *New Frontiers in Functional Neurosurgery* Broomfield, CO.
2. 2011 Current Techniques in the Treatment of Brain and Spinal Disorders: *Surgical Updates on Deep Brain Stimulation* *Neurosurgical Biomedical Ethics: Case studies from the trenches* Broomfield, CO.
3. 2011 American Association of Bioethics and Humanities: *Responsibilities*

and Obligations in Neurosurgical Decision-Making: Perspectives from Deep Brain Stimulation Specialists

4. 2011 Moderator Brain Matters 2 Conference on Translational Neuroethics
5. 2011 American Association of Neurological Surgeons: Breakfast meeting *The Ethics of awake craniotomy*. Denver, CO.
6. 2010 American College of Osteopathic Surgeons Scientific Assembly: *Pathobiology of Brain Metastasis*. San Francisco, CA.
7. 2010 Geisinger Medical Center Neurosciences Grand Rounds, *Brain Death*, Danville, PA
2. 2009 Cooper Neurologic Institute Grand Rounds, *Brain Death*, Camden, NJ
3. 2008 Philadelphia Regional Neurologic Grand Rounds, *Brain Death*, Abington, PA
4. 2008 Abington Memorial Hospital Grand Rounds, *Brain Death*, Abington, PA

Poster Presentations

1. 2013 Annual Meeting of the AANS/ CNS Section on Disorders of the Spine and Peripheral Nerves
Villavicencio AT, Mason A, Serxner B, Nelson EL, Rajpal S, **Beasley KD**, Burneikiene S. *Predictive Value of the Duration of Symptoms in Patients Undergoing Anterior Cervical Discectomy and Fusion (ACDF) for Degenerative Disc Disease and Radiculopathy*
Serxner B, Villavicencio AT, Mason A, Nelson EL, Rajpal S, **Beasley KD**, Burneikiene S. *Transforaminal Lumbar Interbody Fusion (TLIF) with Interspinous Process Fixation Plate as an Adjunct to Unilateral Pedicle Screws: Radiological Outcomes*.
Mason A, Beloy V, Villavicencio AT, Nelson EL, **Beasley K**, Burneikiene S, Rajpal S. *Central cord syndrome with delayed abducens and hypoglossal nerve palsies, a novel triad: Case report, review of proposed mechanisms and relevant literature*, Phoenix, AZ.
2. 2011 Congress of Neurological Surgeons
Efficacy of Occipital Nerve Stimulation in Occipital Neuralgia
3. 2008 American College of Osteopathic Surgeons Annual Meeting,
Traumatic Cranial Nerve III Palsy, San Francisco, CA
4. 2008 Cooper University Hospital Annual Resident Research Day,
Traumatic Cranial Nerve Palsy