

# Monique A. Mogensen, M.D.

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## **Education**

### **Postgraduate**

- 7/2007 – 6/2009      Stanford University School of Medicine, Stanford, CA  
Fellowship, Neuroradiology
- 7/2003 – 6/2007      Stanford University School of Medicine, Stanford, CA  
Residency, Diagnostic Radiology
- 6/2002 – 6/2003      Santa Clara Valley Medical Center, San Jose, CA  
Internship, Transitional Year

### **Graduate**

- 8/1998 – 5/2002      Washington University School of Medicine, St. Louis, MO  
Doctor of Medicine

### **Undergraduate**

- 8/1993 – 5/1997      University of Pennsylvania, Philadelphia, PA  
Bachelor of Arts with Distinction, Biological Basis of Behavior

## **Professional Experience**

- 11/15/13 – present      Mogensen Consulting, PLLC  
Owner; provide consulting services for diagnostic imaging interpretation and medical device development
- 8/1/2011 – 7/31/2013, 1/13/14 – present      Specialists in Diagnostic Imaging/NationalRad, Deerfield Beach, FL  
Neuroradiologist
- 8/1/2013 – 12/29/13      Vantage Radiology and Diagnostic Services, Federal Way, WA  
Associate Radiologist
- 8/1/2009 – 6/30/2011      University of Southern California, Keck School of Medicine, Los Angeles, CA  
Assistant Professor of Clinical Radiology  
Director of Neurovascular Imaging  
Department of Radiology, Division of Neuroradiology
- 7/1/2007 – 6/30/2009      Stanford University Medical Center, Stanford, CA  
Clinical Instructor  
Department of Radiology, Division of Neuroradiology
- 8/1/2007 – 6/30/2009      Veterans Administration Palo Alto Health Care System, Palo Alto, CA  
Attending Staff General Radiologist  
Department of Radiology

## **Certification and Licensure**

11/2011 – present	American Board of Radiology – CAQ in Neuroradiology
6/2007 – present	American Board of Radiology – Board Certified in Diagnostic Radiology
6/2014 – present	Nevada State Board of Medical Examiners – License 15354
2/2014 – present	State of Colorado Dept of Regulatory Agencies – Medical License DR.0053390
1/2012 – present	Washington State Dept of Health – Physician and Surgeon License MD60255056
9/2011 – present	Texas Medical Board – License P0915
8/2011 – present	Florida Dept of Health – License ME 110889
6/2011 – present	Arizona Medical Board – License 45111
7/2003 – present	Medical Board of California – Physician and Surgeon License A83981
12/2011 – 3/2013	Delaware Medical Board – License C1-0009910 (expired)

## **Leadership Roles**

2010 – 2011	Chair, Radiation Safety Committee USC University Hospital and Norris Comprehensive Cancer Center
2009 – 2011	Director, Neurovascular Imaging USC University Hospital and USC+LAC Health Care System
1998 – 2000	Chapter President, American Medical Women’s Association Washington University School of Medicine
1998 – 2000	Director, Reproductive Health Education Program Washington University School of Medicine
1998 – 2000	Director, Domestic Violence Awareness Program Washington University School of Medicine

## **Professional Societies**

2008 – present	American Society of Neuroradiology, <i>Senior Member</i>
2010 – present	American College of Radiology
2006 – 2011	Radiological Society of North America

## **Honors / Awards**

2005	Certificate of Merit for Educational Exhibit, ARRS 105 <sup>th</sup> Annual Meeting “Soft Tissue Calcification: A Pictorial Review”
2002	Alpha Omega Alpha (AOA), Washington University School of Medicine
2001	Scholars in Medicine Award, Washington University School of Medicine
1997	Magna Cum Laude, University of Pennsylvania
1997	Mortar Board Honor Society, University of Pennsylvania

## **Invited Professorships and Lectureships**

“Spinal Dysraphism,” American Society of Spine Radiology, Annual Symposium, Las Vegas, NV, February 2010.

## **Oral Presentations**

1. “Phakomatoses,” Department of Radiology, University of Southern California, Los Angeles, CA, March 2011
2. “CT Perfusion and Radiation Dose,” Department of Radiology, University of Southern California, Los Angeles, CA, June 2010
3. “Oral Board Case Review,” Department of Radiology, University of Southern California, Los Angeles, CA April 2010 and May 2011
4. “Neoplasms of the Spine,” Department of Radiology, University of Southern California, Los Angeles, CA, February 2010 and 2011
5. “Congenital Abnormalities of the Spine,” Department of Radiology, University of Southern California, Los Angeles, CA, February and October 2010
6. “Malpractice, Communication, and the Radiology Report,” Department of Radiology, University of Southern California, October 2009 and August 2010
7. “Neuroradiology Imaging Protocols,” Department of Radiology, MRI School, University of Southern California, Los Angeles, July 2010.
8. “Neuroradiology Imaging Protocols,” Department of Radiology, Stanford University Medical Center, Stanford, CA, June 2009
9. “Clinical Applications of Diffusion Tensor Imaging,” Department of Radiology, Stanford University Medical Center, Stanford, CA, February 2009
10. “Oral Board Case Review,” Department of Radiology, Stanford University Medical Center, Stanford, CA, April 2008 and May 2009
11. “Neoplasms of the Spine,” Department of Radiology, Stanford University Medical Center, Stanford, CA, March 2008 and March 2009
12. “Soft Tissue Calcification: A Pictorial Review,” Department of Radiology, Stanford University Medical Center, Stanford, CA, June 2005

## **Research Experience**

10/2009 – 3/2011	University of Southern California, Los Angeles, CA Department: Radiology Project: Assessment of handheld mobile technology for evaluation of acute stroke
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- 9/2009 – 5/2010 University of Southern California, Los Angeles, CA  
Departments: Radiology and Neurology  
Project: Correlation of vertebrobasilar calcium score with acute infarction
- 7/2008 – 6/2009 Stanford University, Stanford, CA  
Departments: Radiology and Neurology  
Project: Neuroradiologic correlates of cognitive impairment in adult moyamoya disease
- 6/2006 – 1/2007 Stanford University, Stanford, CA  
Department: Radiology  
Project: Transparent rendering of intraluminal contrast for 3D polyp visualization at CT colonography
- 7/2005 – 6/2006 Stanford University, Stanford, CA  
Department: Radiology  
Project: Effect of vasogenic edema on DTI tract connectivity
- 8/2001 – 5/2002 Mallinckrodt Institute of Radiology, St. Louis, MO  
Department: Radiology  
Project: Evaluated CT colonography for the detection of colorectal polyps and developed a CT colonography teaching file
- 6/1999 – 8/1999 Mallinckrodt Institute of Radiology, St. Louis, MO  
Department: Radiology  
Project: Used fMRI to investigate effect of attention during somatosensory stimulation
- 6/1997 – 7/1998 Epilepsy Program, Stanford University, Stanford, CA  
5/1996 – 8/1996 Department: Neurology  
Project: Experimental microgyri disrupt the barrel field pattern in rat somatosensory cortex
- 8/1996 – 5/1997 Honors Thesis, University of Pennsylvania, Philadelphia, PA  
Department: Neurology  
Project: Effect of nitric oxide synthase inhibition on the plasticity of glucose metabolism in somatosensory cortex
- 8/1994 – 5/1997 Smell and Taste Center, University of Pennsylvania, Philadelphia, PA  
Department: Otolaryngology  
Project: NaCl thresholds: relationship to anterior tongue locus, area of stimulation, and number of fungiform papillae

## **Bibliography**

### **Peer Reviewed Manuscripts**

1. Lerner A, **Mogensen MA**, Kim PE, Shiroishi MS, Hwang DH, Law M. Clinical applications of diffusion tensor imaging. World Neurosurg. 2014 Jul-Aug; 82(1-2):96-109. Epub 2013 Aug 3.
2. **Mogensen MA**, Karzmark P, Zeifert PD, Rosenberg J, Marks M, Steinberg GK, Dorfman LJ. Neuroradiological correlates of cognitive impairment in adult moyamoya disease. AJNR Am J Neuroradiol. 2012 Apr; 33(4):721-5. Epub 2011 Dec 15.
3. Jones J, Mills CN, **Mogensen MA**, Lee CI. Radiation dose from medical imaging: a primer for emergency physicians. West J Emerg Med. 2012; 13(2):202-210.

4. Tai A, Sanossian N, Partikian A, **Mogensen MA**, Jones J, Liebeskind DS. Multimodal neuroimaging extends the time window for thrombolytic treatment in pediatric stroke. *JPNR Jour of Ped Neuroradiol.* 1(2): 2012.
5. Shiroishi MS, Habibi M, Rajderkar D, Yurko C, Go JL, Lerner A, **Mogensen MA**, Kim PE, Boyko O, Law M. Perfusion and permeability imaging of gliomas. *Technol Cancer Res Treat.* 2011 Feb;10(1):59-71.
6. Azizyan A, Sanossian N, **Mogensen MA**, Liebeskind DS. Fluid-attenuated inversion recovery vascular hyperintensities: an important imaging marker for cerebrovascular disease. *AJNR Am J Neuroradiol.* 2011 Nov-Dec;32(10):1771-5. Epub 2010 Nov 4.
7. Ni J, **Mogensen MA**, Chen Z, Shuang C, Shen T, Huang G. Influence of fluid-attenuated inversion recovery on stroke apparent diffusion coefficient measurement and its clinical applications. *Eur J Radiol.* 2010 Aug;75(2):e76-81. Epub 2010 Jan 4.
8. **Mogensen MA**, Lin AC, Chang KW, Berry GJ, Barnes PD, Fischbein NJ. Salivary gland anlage tumor in a neonate presenting with respiratory distress: radiologic-pathologic correlation. *AJNR Am J Neuroradiol.* 2009 May;30(5):1022-3.
9. Shi R, Napel S, Rosenberg JK, Shin LK, Walsh CB, **Mogensen MA**, Joshi AJ, Pankhudi P, Beaulieu CF. Transparent rendering of intraluminal contrast for 3D polyp visualization at CT colonography. *J Comput Assist Tomogr.* 2007 Sep-Oct;31(5):733-9.
10. **Mogensen M** and Nino-Murcia M. Idiopathic granulomatous epididymo-orchitis: sonographic appearance. *J Ultrasound Med* 2005 Jul;24:1007-10.
11. Doty RL, Bagla R, **Mogensen M**, and Mirza N. NaCl thresholds: relationship to anterior tongue locus, area of stimulation, and number of fungiform papillae. *Physiol Behav* 2001 Feb;72(3):373-8.
12. Jacobs KM, **Mogensen M**, Warren E, and Prince DA. Experimental microgyri disrupt the barrel field pattern in rat somatosensory cortex. *Cereb Cortex* 1999 Oct-Nov;9(7):733-44.

#### National Scientific Presentations and Abstracts

1. Kim MA, **Mogensen MA**, Emanuel B, Sanossian N, Law M, Sung GY. Can iPhones be used for the evaluation of Acute Stroke? Poster presentation, International Stroke Conference, Los Angeles, CA 2011.
2. **Mogensen MA**, Lerner A, Lee C, Shiroishi MS, Go JL, Law M, Lee KH. Radiation Dose in Medical Imaging: Current Recommendations and Pitfalls with a Focus on the CT Stroke Protocol. Educational Exhibit, Radiological Society of North America Annual Meeting, Chicago, IL, December 2010.
3. Hoque KE, Lerner A, Stempel DA, Shiroishi MS, Go JL, Boyko OB, Kim PE, **Mogensen MA**, Law M. Imaging of the Limbic System: Review of Anatomy and MR Imaging Features of Diseases Involving the Hippocampus and the Circuit of Papez. Educational Exhibit, Radiological Society of North America Annual Meeting, Chicago, IL, December 2010.
4. Hoque KE, Lerner A, Loo JT, Stempel DA, Shiroishi MS, Go JL, **Mogensen MA**, Kim PE, Zee C, Law M. Meckel's Cave and Gasserian Ganglion Disease: Pictorial Review of CT and MR Imaging Anatomy and Pathology. Educational Exhibit, Radiological Society of North America Annual Meeting, Chicago, IL, December 2010.
5. Hoque KE, Lerner A, Peters GT, **Mogensen MA**, White EA, Kim PE, Ozhand A, Shiroishi MS. Pathology of Facet Joints of the Spine: Pictorial Review of Solitary Lesions and Systemic Disease Involving the Facet Joints and Adjacent Tissues. Educational Exhibit, Radiological Society of North America Annual Meeting, Chicago, IL, December 2010.

6. Allison SK, Loo JT, **Mogensen MA**, Shiroishi MS, White EA, Lerner A. Calvarial Lesions and Pseudolesions: Differential Diagnosis and Pictorial Review of Pathologic Entities Presenting with Calvarial Lesions. Educational Exhibit, Radiological Society of North America Annual Meeting, Chicago, IL, December 2010.
7. Stempel DA, Loo JT, **Mogensen MA**, Sarver CE, Shiroishi MS, Go JL. Conductive Hearing Loss: A Pictorial Review. Educational Exhibit, Radiological Society of North America Annual Meeting, Chicago, IL, December 2010.
8. **Mogensen MA**, Karzmark P, Zeifert PD, Rosenberg J, Marks M, Steinberg GK, Dorfman LJ. Neuroradiological Correlates of Cognitive Impairment in Adult Moyamoya Disease. Oral presentation, Annual Meeting of the American Society of Neuroradiology, Boston, MA, May 2010.
9. **Mogensen MA**, Rajderkar D, Sanossian N, Kim P, Burgos A, Shiroishi MS, Sung, G, Law M. Correlation of Vertebrobasilar Calcium Score with Acute Infarction. Oral presentation, Annual Meeting of the American Society of Neuroradiology, Boston, MA, May 2010.
10. **Mogensen MA**, Kim P, Lerner A, Liu B, Wang K, Guo B, Rajderkar D, Park YW and Law M. Assessment of Handheld Mobile Display Technology for Evaluation of Acute Stroke. Oral presentation, Annual Meeting of the American Society of Neuroradiology, Boston, MA, May 2010.
11. Shiroishi MS, Lacerda S, Gu H, Chen TC, Pagnini PG, Mehta P, Kim A, Habibi M, Rajderkar D, **Mogensen MA**, Lerner A, Kim PE, Go JL, Boyko OB, Zee CS, Law M. Perfusion and permeability characteristics in true early progression of disease versus pseudoprogession in patients with high-grade glioma following chemoradiotherapy. Oral presentation, Annual Meeting of the American Society of Neuroradiology, Boston, MA, May 2010.
12. Lerner A, Berkovich R, Frech P, Rajderkar D, Habibi M, Shiroishi MS, **Mogensen MA**, Kim PE, Go JL, Boyko OB, Zee CS, Law M. Apathy and cognitive impairment in multiple sclerosis: correlation with diffusion tensor imaging metrics. Oral presentation, Annual Meeting of the American Society of Neuroradiology, Boston, MA, May 2010.
13. **Mogensen MA** and Stevens KJ. "Soft Tissue Calcification: A Pictorial Review." Educational Exhibit, 105<sup>th</sup> Annual Meeting of the American Roentgen Ray Society (ARRS), New Orleans, LA, May 2005.
14. **Mogensen M**, Jacobs KM, and Prince DA. Anti-epileptogenic drug profile for a rat model of polymicrogyria is typical for malformation-associated epilepsy. *Epilepsia*, 1998; 39 Supplement 6:29.
15. Jacobs KM, **Mogensen M**, Warren E, and Prince DA. "Experimental microgyri disrupt the barrel field pattern in rat somatosensory cortex." Poster Presentation, 27<sup>th</sup> Annual Meeting of the Society for Neuroscience, New Orleans, LA, October 1997.