

CURRICULUM VITAE

Date Prepared: May 13, 2008

Name: Shaun A. Nguyen, M.D.,M.A..
Office Address: Assistant Professor, Director of Clinical Research
Department of Otolaryngology, Head & Neck Surgery
Medical University of South Carolina
135 Rutledge Avenue, MSC550
Charleston, SC 29425 USA

Telephone: (843) 792-1356

E-Mail: nguyensh@musc.edu

FAX: (843) 792-0546

Birthplace: Washington, DC.

Date of Birth: November 20, 1969

Education: The University of South Carolina at Columbia
Columbia, South Carolina
Biology (1986-1988)

East Carolina University
Greenville, North Carolina
B.S. in Applied Sociology/Pre-med Minor (1990)

East Carolina University
Greenville, North Carolina
M.A. in Public Health/Biostatistics (1993)

The University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Radiologic Science (1993)

Spartan Health Sciences University
Santa Teresa, New Mexico
Basic Science Years (1996-1997)

Shaun A. Nguyen, M.D.,M.A.

North Middlesex Hospital, University College London
London, United Kingdom
Clinical Years (1997-1999)

Spartan Health Sciences University
Doctor of Medicine (1999)

**Post-Doctoral
Training**

Internship (7/1999 – 12/2000)
North Middlesex Hospital, University College London
London, United Kingdom

NIAAA Fellow- Psychiatry and Substance Abuse (7/2001- 12/2004)
Medical University of South Carolina
Charleston, South Carolina

Observership/Research (2/2005 – Present)
Department of Radiology
Medical University of South Carolina
Charleston, South Carolina

**Professional
Licensure:**

South Carolina Medical License #30338

ACADEMIC APPOINTMENTS:

07/90-08/91	Research Associate Department of Surgery East Carolina University Greenville, North Carolina
08/91-05/93	Instructor School of Health and Human Performance East Carolina University Greenville, North Carolina
02/05-02/2008	Assistant Professor Department of Radiology, College of Medicine Medical University of South Carolina Charleston, South Carolina
08/06-Present	Assistant Professor Anesthesia For Nurses Program

Shaun A. Nguyen, M.D.,M.A.

Physician Assistant Program
Cytology Program
College of Health Professions
Medical University of South Carolina,
Charleston, South Carolina

03/08-Present Assistant Professor
Department of Otolaryngology, Head & Neck Surgery
Medical University of South Carolina
Charleston, South Carolina

ADMINISTRATIVE APPOINTMENTS:

03/08-Present Director of Clinical Research
Department of Otolaryngology, Head & Neck Surgery
Medical University of South Carolina
Charleston, South Carolina

PROFESSIONAL MEMBERSHIPS:

1996 American Medical Students Association
2002 Society for Neuroscience
2002 Southern Medical Association
2002 Research Society on Alcoholism
2007 Association of University Radiologists

EDITORIAL ADVISORY BOARD:

2007 Guest Reviewer- Journal of the American Medical Sciences.

RESEARCH ADVISORY BOARD:

2005 Judge- Medical University of South Carolina Student Research Day
2006 Judge- Perry Halushka Student Research Day at MUSC.
2007 Judge- Perry Halushka Student Research Day at MUSC.

HONORS AND AWARDS:

1989 Phi Delta Kappa National Honor Society
1989 Gamma Beta Phi National Honor Society
1989 Golden Key National Honor Society
1992 Eta Sigma Gamma National Honor Society

1992	Kappa Delta Pi National Honor Society
2002	Junior Investigator Award- Research Society on Alcoholism
2002	Resident/Fellow Research Award- MUSC Annual Research Day
2003	Junior Investigator Award- Research Society on Alcoholism
2003	Enoch Gordis Award Finalist- Research Society on Alcoholism
2004	Resident/Fellow Research Award- MUSC Annual Research Day
2004	Junior Investigator Award- Research Society on Alcoholism
2004	Junior Investigator Award- Guze Symposium on Alcoholism
2006	Cum Laude Award- Outstanding Scientific Paper- Society of Computed Body Tomography and Magnetic Resonance.

RESEARCH SUPPORT:

Ongoing Research

- 1 **Principal Investigator-** Cost-Effectiveness and Cost-Benefit of Multi-Slice Coronary CT Angiograph versus Cardiac Catheterization in Patients with Abnormal Myocardial Perfusion Studies. Funded by GE Healthcare (Application Pending).
- 2 **Co-Investigator-** Application of PET Technique to Determine Polymorphically Expressed ABCB1 Gene in BBB as Predictor of Atypical Antipsychotics Treatment Response (NIH-RO1-Pending).
- 3 **Principal Investigator-** A Multicenter, Open-label, Phase 3 Study to Determine the Safety and Efficacy of Gadobutrol 1.0 molar (Gadovist) in patients referred for contrast-enhanced MRI of the central nervous system (CNS). Funded by Bayer HealthCare (5/2008-5/2009) **\$116,000.**
- 4 **Co-Investigator-** Volumetric Computed Tomography (VCT) in Lung Cancer. Funded by Army Medical Research Acquisition Activity (2/2005 – 2/2009) **\$430,000.**
- 5 **Sub-Investigator-** Development and Testing of Multivariate Statistical Prediction Model of Malignancy Potential of Small (<3cm) pulmonary Nodules. Funded by the Department of the Army (2/2005 – 2/2009) **\$4,317,000.**
- 6 **Co-Investigator-** Contrast Enhanced Multi-Detector-Row Computed Tomography (CT) of the Heart for Differentiating Cardiac and Non-Cardiac Sources of Acute Chest Pain in the Emergency Department. Funded by General Electric (1/2006-1/2008) **\$274,898.**
- 7 **Co-Principal Investigator-** MRI Contrast- Gadovist Safety Study- Phase II. Funded by Bayer HealthCare. (06/2006-06-2008) **\$300,000.**

Shaun A. Nguyen, M.D.,M.A.

- 8 **Co-Investigator-** Application of PET Technique to Determine Polymorphically Expressed ABCB1 Gene in BBB as Predictor of Atypical Antipsychotics Treatment Response (NIH-Clinical Translation Service Award Pilot Study- January 2007) **\$75,000.**
- 9 **Co-Investigator-** Significance of Coronary Artery Stenoses Determined by 64 slice CTA; A Comparative Study with Coronary Angiography and SPECT- Funded by Berlex (7/2006-7/2007) **\$102,440.**
- 10 **Co-Investigator-** Exploration of the diagnostic value of 64-slice CT in combination with an additional MPI-SPECT module – First clinical experience. Siemens (10/2006-10/2007) **\$56,329.**
- 11 **Co-Investigator-** Multi-detector-Row CT Imaging of the Coronary Arteries. Bracco (1/2007-1/2008) \$136,020.
- 12 **Co-Investigator-** Patient-Based Optimization of Contrast Material Delivery at CT Coronary Angiography- Funded by Berlex Laboratories (2/2006-2/2008) **\$76,525.**
- 13 **Co-Investigator-** Neurological assessment of infants with brain injury from chorioamnionitis (March of Dimes- 07/2006-07/2008) **\$250,000.**
- 14 **Co-Investigator-** Application of PET Technique to Determine Polymorphically Expressed ABCB1 Gene in BBB as Predictor of Atypical Antipsychotics Treatment Response (NIH-Clinical Translation Service Award Pilot Study- January 2007) **\$100,000.**

Completed Research (The Last Three Years)

- 1 **Fellow-** Study Comparing the Effect of Three Doses of CP-866,087 and Naltrexone on Acute Alcohol Consumption and Craving after Seven Days of Treatment in Alcohol Dependent (DSM IV) Subjects Who Are Not Currently Seeking Treatment (Pfizer, Inc – 3/15/03 – 11/30/04).
- 2 **Fellow-** The Effects of Naltrexone and Odansetron on Alcohol Consumption and Brain Activity in Alcoholics. (National Institute of Health- 7/1/03 – 11/30/04).
- 3 **Co-Investigator-** Biochemical Alcohol Screening in the Treatment of Hypertension. (Medical University of South Carolina- 7/1/03 – 7/2005).
- 4 **Co-Investigator-** A Prospective, Multinational, Multicenter, double-blind, randomized, active-controlled trial to compare the effects of Lotrel to benazepril and hydrochlorothiazide combined on the reduction of cardiovascular morbidity and mortality

Shaun A. Nguyen, M.D.,M.A.

- in patients with high risk hypertension (Novartis, Inc- 12/1/2004 – present) **\$130,000.**
- 5 **Co-Principal Investigator-** Renal Safety of Iodixanol in Patients Undergoing Contrast-Enhanced Spiral CT. Funded by GE Healthcare (09/2004-12/2006) **\$600,000.**
 - 6 **Co-Investigator-** The Effect of Low-Osmolar and Iso-Osmolar Contrast Media on Erythrocytes in Healthy Volunteers. Funded by GE Healthcare- (11/2005-10/2006) **\$25,000.**
 - 7 **Co-Principal Investigator-** Ultravist 370 mgI/mL: Safety and Efficacy in Computed Tomography of Head and Body. Funded by Berlex Inc. – (10/2005-10/2006) **\$131,500.**

PUBLICATIONS (in chronological order)

Peer Review Journal Articles

- 1 **Nguyen, S. A.,** Deleon, C.P., Middaugh, L.D. Tiagabine Reduces Ethanol Reward in C57BL/6 Mice Under Acute and Chronic Administration Regimens. *Synapse* 56:135-146 (2005).
- 2 Peter M. Miller, Ph.D., Raymond F. Anton, M.D., Brent M. Egan, M.D., Jan N. Basile, M.D., **Shaun A. Nguyen, M.D.** Excessive Alcohol consumption and Hypertension: Clinical Implications of Current Research. *Journal of Clinical Hypertension* 7(6):346-351(2005).
- 3 Myrick H, Taylor B, Larowe S, **Nguyen S,** Noll E, Cochran K, Malcolm R. A retrospective Chart Review Comparing Tiagabine and Benzodiazepines for the Treatment of Alcohol Withdrawal. *Journal of Psychoactive Drugs* 37(4):409-14(2005).
- 4 Peter M. Miller, Claudia Spies, Tim Neumann, Martin A. Javors, A. M. Hoyumpa, John Roache, Amy Webb, maryam Kashi, Francis E. Sharkey, Raymond F. Anton, Brent M. Egan, Jan Basile, **Shaun Nguyen,** Michael F. Fleming, and Kathryn Sullivan Dillie. Alcohol biomarker screening in medical and surgical settings. *Alcoholism: Clinical and Experimental Research* 30(2):185-193(2006).
- 5 **Shaun A. Nguyen, MD,MA. ,** Robert Malcolm, M.D., and Lawrence D. Middaugh, PhD. Topiramate Reduces Ethanol Consumption in C57BL/6 Mice. *Synapse* 61:150-156(2007).
- 6 Stephan Zangos, MD, Scott D. Steenburg, MD, K. Dan Phillips, MD, J. Matthias Kerl, BS, **Shaun A. Nguyen, MD,** Christopher Herzog, MD, U. Joseph Schoepf, MD, Thomas J. Vogl, MD, Phillip Costello, MD. Acute Abdomen: Added Diagnostic Value of

- Coronal Reformations with 64-slice Multidetector Row Computed Tomography. *Academic Radiology* 14:19-27(2007).
- 7 Christopher Herzog, MD, **Shaun A. Nguyen, MD, MA**, Giancarlo Savino, MD, Peter L. Zwerner, MD, Josh Doll, MD, Christopher D. Nielsen, MD, Thomas G. Flohr, PhD, Thomas J. Vogl, MD, Philip Costello, MD, and U. Joseph Schoepf, MD. Does Two-Segment Image Reconstruction at 64-Section CT Coronary Angiography Improve Image Quality and Diagnostic Accuracy? *Radiology* 2007; 244:121-128.
 - 8 Christopher Herzog, MD, Peter L. Zwerner, MD, Josh Doll, MD, Christopher D. Nielsen, MD, **Shaun A. Nguyen, MD, MA**, Giancarlo Savino, MD, Thomas J. Vogl, MD, Philip Costello, MD, and U. Joseph Schoepf, MD. Significant Coronary Artery Stenosis: Comparison on Per-Patient and Per-Vessel or Per-Segment Basis at 64-Section CT Angiography. *Radiology* 2007; 244:112-120.
 - 9 Mathias Kerl, MD, **Shaun A. Nguyen, MD,MA**, James Ravenel, MD, Philip Costello, MD, U. Joseph Schoepf, MD. Split-Bolus Contrast Medium Injection with Diluted Contrast Material Improves Visualization of the Right Heart at Coronary CT Angiography. *Radiology* 2008;247(March 2008)
 - 10 Vanessa L Hardin, MD, **Shaun A. Nguyen, MD, MA**, James G. Ravenel, MD. Is E-mail Communication Effective in Changing Ordering Patterns in the Emergency Department: A Case Study of CT for Pulmonary Embolus. *Academic Radiology*. 2008 Apr;15(4):433-7.
 - 11 Mathias Kerl, MD, **Shaun A. Nguyen, M.D.,M.A.**, John Lazarchick, MD. Iodinated Contrast Media: Effect of Osmolarity and Injection Temperature on Erythrocyte Morphology in Vitro. *Acta Radiologica* 2008 Apr; 49(3):337-43.
 - 12 Christopher Herzog, MD, Denise Mulvihill, MD, **Shaun A. Nguyen, MD, MA**, Giancarlo Savion, MD, Bernardt Schmidt, PhD, Philip Costello, MD, Thomas J Vogl, MD, U. Joseph Schoepf, MD. Pediatric cardiovascular CT-angiography: Radiation dose reduction by automated anatomical tube current modulation. *AJR* 2008; 190:1232–1240.
 - 13 **Shaun A. Nguyen, MD,MA**, Pal Suranyi, MD, PhD, James Ravenel, MD, Patrick Randall, PhD, Peter Romano, MD, Kim Strom, RT, Philip Costello, MD, U. Joseph Schoepf, MD. Iso-Osmolar Versus Low-Osmolar Iodinated Contrast Medium at Intravenously Contrast Enhanced CT: Effect on Kidney Function. *Radiology* 2008; 248: (July 1, 2008).

- 14 James Koonce, MD, **Shaun A. Nguyen, MD, MA.**, Meredith Northam, MD, U. Joseph Schoepf, MD, James G. Ravenel, MD. Extra-Cardiac Findings at Cardiac CT: Experience with 1764 patients. *European Radiology* (in press).
- 15 **Shaun A. Nguyen, MD,MA**, Mark Auler, MD, Zoran Rumboldt, MD. Errors with Radiologic Images in ENT Journals. *AJNR* (under revision).

Abstracts

- A1 **Nguyen, S.A.**, Deleon, C.P., Middaugh, L.D. *Effects of Vigabatrin on the Response of C57BL/6 mice to ethanol conditioned stimuli*. Research Society on Alcoholism, San Francisco, CA (June 2002).
- A2 **Nguyen, S.A.**, Deleon, C.P., Middaugh, L.D. *Gabapentin Reduces Ethanol Reward in C57BL/6 Mice*. Society for Neuroscience, Orlando, FL (Nov. 2002).
- A3 **Nguyen, S. A.**, Deleon, C.P., Marlow, A.B., Middaugh, L.D. *Tiagabine Reduces Ethanol Reward in C57BL/6 Mice Under Acute and Chronic Administration Regimens*. Research Society on Alcoholism, Fort Lauderdale, FL(June 2003).
- A4 **Shaun A. Nguyen**, Christopher P. Deleon, Lawrence D. Middaugh. *Treating Alcohol Addiction: From Preclinical to Clinical with Tiagabine*. MUSC Student Research Day (November 2003).
- A5 **Shaun A. Nguyen**, Christopher P. Deleon, Lawrence D. Middaugh. *The Effects of GABAergic Modifiers on Ethanol Consumption in C57BL/6 Mice*. National Institute on Alcohol Abuse and Alcoholism, Indianapolis, IN (November 2003).
- A6 **Shaun A. Nguyen**, Christopher P. Deleon, Lawrence D. Middaugh. *GABAergic Modifiers: Interaction Effects on Ethanol Consumption and Locomotor Activity in C57BL/6 Mice*. The Fourth Annual Guze Symposium on Alcoholism, St.Louis, MO (February 2004).
- A7 **Shaun A. Nguyen**, Christopher P. Deleon, Lawrence D. Middaugh. *Topiramate Effects on Ethanol Consumption in in C57BL/6 Mice*. Research Society on Alcoholism, Vancouver, Canada (June 2004).
- A8 **Shaun A. Nguyen**, Christopher P. Deleon, Lawrence D. Middaugh. *Treating Alcohol Addiction: From Preclinical to Clinical with Topiramate*. MUSC Student Research Day (November 2004).

- A9 P. Miller, R. Anton, B. Egan, J. Basile, **S. Nguyen**. *Biochemical Alcohol Screening in the Treatment of Hypertension*. Research Society on Alcoholism, Santa Barbara, CA (June 2005).
- A10 LD Middaugh; C DeLeon; A Novak; **SA Nguyen**; KL Price. *Topiramate Effect on Ethanol Reward: Assessment Technique Influences Sex Difference*. Research Society on Alcoholism, Santa Barbara, CA (June 2005).
- A11 Stephen R. Burch, U. Joseph Schoepf, **Shaun A. Nguyen**, Peter L. Zwerner, Phillip Costello, Christopher Herzog. *In Vitro Evaluation of Metallic Coronary Artery Stents with 64-Slice CT Using an ECG-Gated Cardiac Phantom: Relationship Between In-Stent Visualization, Stent Type and Heart Rate*. The North American Society for Cardiac Imaging, Amelia Island, FL (October 2005).
- A12 Stephen R. Burch, Julian Streck, Giancarlo Savino, James G. Ravenel, **Shaun A. Nguyen**, Pickens A. Gantt III, Christopher Herzog, Phillip Costello, U. Joseph Schoepf. *CT of the Heart: Improved Stenosis Detection and Robustness of Use with 64-Slice CT*. The North American Society for Cardiac Imaging , Amelia Island, FL (October 2005).
- A13 Corey T. Jensen, Mark A. Auler, **Shaun A. Nguyen**, Giancarlo Savino, Phillip Costello, U. Joseph Schoepf. *Influence of Patient Variables on Coronary Artery Enhancement at 64-Slice CT of the Heart*. The North American Society for Cardiac Imaging , Amelia Island, FL (October 2005).
- A14 Giancarlo Savino, Josh Doll, **Shaun A. Nguyen**, Christopher Herzog, Peter L. Zwerner, Philip Costello, U. Joseph Schoepf. *Rapid Assessment of Cardiac Function at 64-Slice CT: Optimized Parameters and Clinical Validity*. The North American Society for Cardiac Imaging , Amelia Island, FL (October 2005).
- A15 Corey T. Jensen, James G. Ravenel, **Shaun A. Nguyen**, Philip Costello, U. Joseph Schoepf. *Dual Flow Contrast Injection for Coronary CTA Improves Visualization of the Right Heart*. The North American Society for Cardiac Imaging , Amelia Island, FL (October 2005).
- A16 Peter L. Zwerner, Christopher Herzog, Josh Doll, **Shaun A. Nguyen**, Christopher D. Nielsen, Philip Costello, U. Joseph Schoepf. *Accuracy of 64-Slice CT Coronary Angiography for Noninvasive Stenosis Detection*. The North American Society for Cardiac Imaging , Amelia Island, FL (October 2005).
- A17 Pickens A. Gantt III, Peter L. Zwerner, Stephen R. Burch, Randall N. Goodroe, **Shaun A. Nguyen**, Salvatore A. Chiaramida, Giancarlo Savino, U. Joseph Schoepf. *Global and*

Regional Left Ventricular Function: Assessment by 64-Slice CT Coronary Angiography.
The North American Society for Cardiac Imaging , Amelia Island, FL (October 2005).

- A18 Giancarlo Savino, **Shaun A. Nguyen**, Randall N. Goodroe, Pickens A. Gantt, Peter L. Zwerner, U. Joseph Schoepf. *Global and Regional Left Ventricular Cardiac Function at 64-Slice MDCT: Comparison with Gated SPECT, Ventriculography, and Echocardiography(Hot Topic).* Radiological Society of North America, Chicago, IL (November 2005).
- A19 Josef Matthias Kerl, Herzog C, Mulvihill D, **Nguyen S**, Savino G, Schmidt B, Costello P, Schoepf UJ. *Pediatric 64-Slice CT of Congenital Cardiovascular Abnormalities of the Chest: Radiation Dose Reduction by Automated Anatomical Tube Current Modulation.* The Society of Thoracic Radiology Annual Meeting, Orlando, Florida (March 12-16, 2006).
- A20 Giancarlo Savino, Kerl JM, **Nguyen SA**, Goodroe R, Gantt P, Zwerner PL, Costello P, Schoepf UJ. *Global and Regional Left Ventricular Cardiac Function at 64-Slice MDCT: Comparison with Gated SPECT.* The Society of Thoracic Radiology Annual Meeting, Orlando, Florida (March 12-16, 2006).
- A21 Ravenel JG, Wallace G, Schoepf UJ, **Nguyen SA.** *Negative Predictive Value of Combined CT Pulmonary Angiography and Indirect CT Venography in ICU.* The Society of Thoracic Radiology Annual Meeting, Orlando, Florida (March 12-16, 2006).
- A22 Scott Steenburg, Stephan Zangos, Dan Phillips, Ertan Pamuklar, Josef Kerl, **Shaun Nguyen.** *Acute Abdomen: Evaluation of the Diagnostic Value of Coronal Reformations with 64-slice Multidetector Row CT.* Association of University Radiologist, Austin, Texas (April 5-8, 2006).
- A23 Kerl JM, Jensen CT, **Nguyen S**, Costello P, Schoepf UJ, *Dual Flow Contrast Injection for Coronary CTA Improves Visualization of the Right Heart.* Meeting of the Society of Computed Body Tomography and Magnetic Resonance, Phoenix, Arizona (April 2-7,2006).
- A24 Kerl J.M., Savino G., **Nguyen S.**, Goodroe R., Zwerner P., Costello P., Schoepf U.J. *Global and Regional Left Ventricular Function at 64-Slice MDCT: Comparison with Gated SPECT, Ventriculography and Echocardiography.* Meeting of the Society of Computed Body Tomography and Magnetic Resonance, Phoenix, Arizona (April 2-7, 2006).
- A25 Corey T. Jensen, James G. Ravenel, **Shaun A. Nguyen**, Philip Costello, U. Joseph Schoepf. *Influence of Patient Variables on Coronary Artery Enhancement at 64-Slice CT*

- of the Heart*. The American Roentgen Ray Society, Vancouver, Canada (April 30-May5, 2006).
- A26 Lake, DR, Seekins, JM, Cluver, AR, Fernandez, MJ, Ravenel, JG, Schoepf UJ, Salganicoff, M, Liang, J, **Nguyen, SA**, Dundar, M, Wolf, M, Costello, P. *Computer-aided detection of peripheral pulmonary embolus on multi-detector row CT: Initial experience and impact on resident diagnosis*. The American Roentgen Ray Society, Vancouver, Canada (April 30-may5, 2006).
- A27 Steenburg, Scott; Zangos, Stephan; Phillips, Dan; Kerl, Matt; **Nguyen, Shaun**; Schoepf, U. Joseph. *Non-traumatic Acute Abdominal Pain: Added Diagnostic Value of Coronal Reformations with 64-Slice Multi-Detector Row Computed Tomography*. American Society of Emergency Radiology, Washington, DC (September 2006).
- A28 Christian Thilo, Matthias Kerl, James Ravenel, **Shaun Nguyen**, Corey Jensen, Philip Costello, U. Joseph Schoepf. *Triphasic Contrast Injection Improves Diagnosis of the Right Heart at Coronary CT Angiography*. Annual Meeting of the North American Society for Cardiac Imaging (NASCI), Las Vegas, NV (October 6-10, 2006).
- A29 Florian Mayer, Christian Thilo, **Shaun Nguyen**, Peter Zwerner, Philip Costello, U. Joseph Schoepf. *Coronary Artery Calcium: Correlation of Calcification Patterns with Non-Calcified Plaque and Stenosis*. Annual Meeting of the North American Society for Cardiac Imaging (NASCI), Las Vegas, NV (October 6-10, 2006).
- A30 Florian Mayer, U. Joseph Schoepf, **Shaun Nguyen**, Philip Costello, James Ravenel. *Extra-Cardiac Findings at Cardiac CT: Experience in 1000 Patients*. Annual Meeting of the North American Society for Cardiac Imaging (NASCI), Las Vegas, NV (October 6-10, 2006).
- A31 Brice J. Williams, Stephen Bagg, Andrew Smith, Thuy L. Vu, Peng Huang, **Shaun A. Nguyen**, John Kratz, Bayne Selby, Michelle O'Connell, Joseph Schoepf. *CT Angiography Following Coronary Artery Bypass Graft Surgery Is A Good Predictor of Post-op Complications*. The Perry V. Halushka 2006 Student Research Day, Charleston, SC (November 3, 2006).
- A32 Stephen R. Burch, U. Joseph Schoepf, **Shaun A. Nguyen**, Peter L. Zwerner, Phillip Costello, Christopher Herzog. *In Vitro Evaluation of Metallic Coronary Artery Stents with 64-Slice CT Using an ECG-Gated Cardiac Phantom: Relationship Between In-Stent Visualization, Stent Type and Heart Rate*. The Perry V. Halushka 2006 Student Research Day, Charleston, SC (November 3, 2006).

- A33 K. N. Blackmon, J Streck, C. Thilo, **S. A. Nguyen**, P. Costello, U. J. Schoepf. *Automated Assessment of Non-Calcified Coronary Artery Plaque Burden at Coronary CT Angiography*. The Perry V. Halushka 2006 Student Research Day, Charleston, SC (November 3, 2006).
- A34 Florian Mayer, **Shaun Nguyen**, U. Joseph Schoepf, James Ravenel. *Extra-Cardiac Findings at Cardiac CT*. Radiological Society of North America, Chicago, IL (November 2006).
- A35 Christian Thilo, Salvator Chiaramida, **Shaun Nguyen**, Giancarlo Savino, Philip Costello, U. Joseph Schoepf. *Sixty-Four-slice CT Coronary Angiography with CT Cardiac Function Analysis and Cardiac Catheterization Compared with Myocardial Perfusion Imaging for Diagnosis of Functionally Relevant Coronary Artery Stenosis*. Radiological Society of North America, Chicago, IL (November 2006).
- A36 Stefan Zangos, Scott Steenburg, Dan Phillips, Matthias Kerl, **Shaun Nguyen**, U. Joseph Schoepf. *Acute Abdomen: Added Diagnostic Value of Coronal Reformations with 64-slice Multidetector Row CT*. Radiological Society of North America, Chicago, IL (November 2006).
- A37 Ralf Bauer, Christian Thilo, **Shaun Nguyen**, Philip Costello, U. Joseph Schoepf. *Hot Topic: Does Atherosclerotic Plaque Burden and Stenosis on 64-Slice Coronary CT Angiography Correlate with Ischemia on Myocardial Perfusion Imaging?* Radiological Society of North America, Chicago, IL (November 2006).
- A38 Florian Mayer, Christian Thilo, **Shaun Nguyen**, Peter Zwerner, Philip Costello, U. Joseph Schoepf. *Coronary Artery Calcium: Correlation of Calcification Patterns with Non-Calcified Plaque and Stenosis*. Radiological Society of North America, Chicago, IL (November 2006).
- A39 Julian Streck, **Shaun Nguyen**, James Ravenel, Giancarlo Savino, Peter Zwerner, U. Joseph Schoepf. *CT Coronary Angiography: 64-Slice versus 16-Slice Multidetector Row CT*. Radiological Society of North America, Chicago, IL (November 2006).
- A40 Christopher Herzog, Denise Mulvihill, **Shaun Nguyen**, Bernhard Schmidt, Giancarlo Savino, Thomas Vogl. *Pediatric Cardiovascular 64-slice CT Angiography: Radiation Dose Reduction by Automated Anatomical Tube Current Modulation*. Radiological Society of North America, Chicago, IL (November 2006).
- A41 Miguel J. Fernandez, Christian Thilo, **Shaun A. Nguyen**, Philip Costello, U. Joseph Schoepf. *Coronary CTA with Dual-Source CT Versus 64-Slice CT: Impact on*

Shaun A. Nguyen, M.D.,M.A.

Diagnostic Quality, Radiation, Dose and Use of Beta-Blockers. Society of Computed Body Tomography and Magnetic Resonance, Orlando, FL (March 4, 2007).

- A42 Jeanne G Hill, Anil Rao, Paula Keslar, **Shaun A. Nguyen**, Gwen Godfrey. *Added Diagnostic Value of Coronal Reformations in Multi-Detector Row CT obtained in Pediatric Patients with Acute Abdominal Pain.* The Society of Pediatric Radiology's 50th Annual Meeting, Barcelona, Spain (March 2007).
- A43 A Irshad, MD, S Ackerman, MD, D Nissman, MD, **S A Nguyen, MD**, M Anis, MD. *Parathyroid Imaging: A comparative Study of Nuclear Medicine and Ultrasound.* Association of University Radiologists, Denver, Colorado (April 2007).
- A44 V Hardin, MD, J G Ravenel, MD, **S A Nguyen, MD.** *Is E-mail Communication Effective in Changing Ordering Patterns in the Emergency Department: A Case Study of CT for Pulmonary Embolus.* Association of University Radiologists, Denver, Colorado (April 2007).
- A45 Steenburg, Scott; **Nguyen, Shaun**; Huda, Walter; Conway, William; Spampinato, V; Hobbs, H; Seth, S; Schoepf, U. Joseph. *Potential for Radiation Dose Reduction in MDCT of Cervical Spine Trauma.* American Society of Emergency Radiology, La Jolla, CA (October 2007).
- A46 Pal Suranyi, Heon Lee, **Shaun Nguyen**, Robin Brothers, Philip Costello, U. Joseph Schoepf. *Radiation Savings At Cardiac Dual-Source CT By Confining Pulsing Width To The Best Phase Determined Pre-Contrast.* North American Society of Cardiac Imaging. Washington, DC (October 2007).
- A47 Benedetta Enrico, Pal Suranyi, **Shaun Nguyen**, Christian Thilo, Lorenzo Bonomo. *Spatial Distribution and Composition of Coronary Artery Plaques Using 64-Slice Cardiac CT.* North American Society of Cardiac Imaging. Washington, DC (October 2007).
- A48 M Kerl, MD, C Herczog, MD, **S A Nguyen, MD,MA**, P Costello, MD, U. Joseph Schoepf, MD. *Pediatric Cardiovascular 64-slice CT Angiography: Radiation Dose Reduction by Automated Anatomical Tube Current Modulation.* Radiological Society of North America, Chicago, IL (November 2007).
- A49 C. Thilo, MD, U. Schoepf, MD, L. Gordon, MD, S. Chiaramida, MD, J Serguson, RT, **Shaun A Nguyen, MD, MA**, P Costello, MD. *A Mobile SPECT Scanner Combined with 64-Slice CT for Integrated Assessment of Coronary Anatomy and Perfusion: A feasibility Study.* Radiological Society of North America, Chicago, IL (November 2007).

- A50 **S A Nguyen, MD, MA**, J. Streck, T X Obrien, MD, P Costello, MD, U J Schoepf, MD. Cost-Effectiveness and Cost-Benefit of Multi-Slice Coronary CT Angiograph versus Cardiac Catheterization in Patients with Abnormal Myocardial Perfusion Studies. Radiological Society of North America, Chicago, IL (November 2007).
- A51 Miguel J. Fernandez, Christian Thilo, **Shaun A. Nguyen**, Philip Costello, U. Joseph Schoepf. *Coronary CTA with Dual-Source CT Versus 64-Slice CT: Impact on Diagnostic Quality, Radiation, Dose and Use of Beta-Blockers*. Radiological Society of North America, Chicago, IL (November 2007).
- A52 Jay Koonce, Meredith Northam, **Shaun Nguyen**, U. Joseph Schoepf, James Ravenel. *Extra Cardiac Findings at Cardiac CT: Experience with 1761 Patients*. Radiological Society of North America, Chicago, IL (November 2007).
- A53 Meredith Northam, James Ravenel, Folzail Alvi, **Shaun Nguyen**. *Negative Predictive Values of CT Pulmonary Angiography and Indirect CT Venography in the Intensive Care Unit*. Radiological Society of North America, Chicago, IL (November 2007).
- A54 Pay Suranyi, Mathias Kerl, John Kalafut, Heon Lee, **Shaun Nguyen**, Philip Costello, U. Joseph Schoepf. *Contrast Media at Dual-Source CT Coronary Angiography by Using a Computerized Algorithm for Patient-Specific Adaptation of CM Volume and Injection Parameters*. Radiological Society of North America, Chicago, IL (November 2007).
- A55 Balazs Ruzsics, Kevin Blackmon, Christian Thilo, **Shaun Nguyen**, Julian Streck, Philip Costello, U. Joseph Schoepf. *Dual-energy CT of the heart for coronary CTA and myocardial blood pool analysis - initial experience*. European Congress of Radiology, Vienna, Austria (March 2008).
- A56 Balazs Ruzsics, Pal Suranyi, Heon Lee, **Shaun Nguyen**, Peter Zwerner, Philip Costello, U. Joseph Schoepf. *Automated assessment of non-calcified atherosclerotic plaque burden at coronary CT angiography*. European Congress of Radiology, Vienna, Austria (March 2008).
- A57 H.-R. Kim¹, C. Thilo¹, A. Flauaus¹, B. Ruzsics¹, H. Lee¹, J.A. Abro¹, **S.A. Nguyen**¹, T.J. Vogl², P. Costello¹, U.J. Schoepf¹. *Predictive value of stenosis severity and atherosclerotic plaque burden at coronary CT angiography for major adverse cardiac events (MACE) - a population based outcome study*. European Congress of Radiology, Vienna, Austria (March 2008).
- A58 K. N. Blackmon, J Streck, **S. A. Nguyen**, C. Thilo, P. Costello, U. J. Schoepf. *Automated Assessment of Non-Calcified Coronary Artery Plaque Burden at Coronary CT Angiography*. European Congress of Radiology, Vienna, Austria (March 2008).

- A59 **Shaun A. Nguyen, MD,MA**, Pal Suranyi, MD, James Ravenel, MD, Patrick Randall, PhD, Peter Romano, MD, Kimberly Strom, RT, Philip Costello, MD, U. Joseph Schoepf, MD. *Iso-Osmolality versus Low-Osmolality Iodinated Contrast Medium at Intravenously Contrast Enhanced CT: Effect on Kidney Function*. American Roentgen Ray Society, Washington, D.C. (April 2008).
- A60 Blackmon, K.; Streck, J.; **Nguyen, S.**; Thilo, C.; Costello, P.; Schoepf, U. *Automated Assessment of Non-Calcified Coronary Artery Plaque Burden at Coronary CT Angiography*. American Roentgen Ray Society, Washington, D.C. (April 2008).
- A61 Jeanne G. Hill, MD, Meredith C. Northam, MS-IV, Cephus Simmons, R.R.A, **Shaun A. Nguyen, MD, MA**. *Management of Intussusception: The Utility of Repeat Delayed Air Enema Reduction Attempts*. The Society for Pediatric Radiology 51st Annual Meeting, Scottsdale, AZ (May 2008).