

## CURRICULUM VITAE

Date Updated: 4/09/10

**NAME:** SUJATA GHATE, M.D.

**PRIMARY ACADEMIC APPOINTMENT:** Assistant Professor of Radiology  
Department of Radiology  
Duke University Medical Center  
Durham, N.C. 27710

**E-MAIL ADDRESS:** ghate001@mc.duke.edu

**DATE & RANK OF FIRST DUKE FACULTY APPOINTMENT:** August 1, 2002  
Assistant Professor -- Breast Imaging Division

**MEDICAL LICENSURE:** North Carolina [REDACTED]

**SPECIALTY CERTIFICATION & DATES:** American Board of Radiology  
May 19, 1999

**DATE & PLACE OF BIRTH:** [REDACTED]

**CITIZENSHIP:** [REDACTED]

**EDUCATION:**  
**High School:** [REDACTED]

**College:** [REDACTED]  
University of North Carolina  
Chapel Hill, North Carolina  
Bachelor of Science with Distinction & Honors

**Graduate or Professional School:** [REDACTED]  
University of North Carolina  
Chapel Hill, North Carolina  
Medical Doctorate

**PROFESSIONAL TRAINING & ACADEMIC CAREER:**

██████████  
 Internship, Department of Internal Medicine  
 University of North Carolina  
 Chapel Hill, North Carolina

██████████  
 Residency, Department of Radiology  
 Duke University Medical Center  
 Durham, North Carolina

██████████  
 Women's Imaging Fellowship, Department of Radiology  
 Emory Medical Center  
 Atlanta, Georgia

██████████  
 General Diagnostic Radiologist, Department of Radiology  
 Greensboro Radiology

**PUBLICATIONS:****Refereed Journals**

1. George JW, **Ghate SV**, Matson SW, Besterman JM. Inhibition of DNA helicase II unwinding and ATPase activities by DNA interacting ligands: kinetics and specificity. **J Biol Chem** 27(15); 10683-10689, 1992.
2. Morgan M, **Ghate SV**, Pearsall C. An 18 year old with anorexia, weight loss, abdominal pain and fever: Clinicopathologic Discussion. **FAX UNC Med Student J** 9(1); 57-63, 1994.
3. Pisano ED, Yankaskas BC, **Ghate SV**, Plankey MV, Morgan JT. Patient compliance in mobile screening mammography. **Acad Radiol** 2(12); 1067-1072, 1995.
4. **Ghate SV**, Soo MSC, Mengoni P. Extended field-of-view two-dimensional ultrasonography of the breast: improvement in lesion documentation. **J Ultras Med** 18:597-601, 1999.
5. Soo MSC, **Ghate SV**, DeLong D. Stereotactic biopsy of noncalcified breast lesions: utility of vacuum-assisted technique compared to multipass automated gun technique. **Clin Imag** 23:347-352, 1999.
6. Soo MSC, **Ghate SV**. Herpes simplex virus mastitis: clinical and imaging findings. (Case Report) **AJR** 174:1087-1088, 2000.

**PUBLICATIONS (Continued):****Refereed Journals**

7. **Ghate SV**, Soo MSC, Baker JA, Walsh R, Gimenez EI, Rosen EL. Comparison of recall rates and cancer detection rates for on-line vs. off-line screening mammography. **Radiology** 235:31-35, 2004.
8. Soo MSC, Kliewer MA, **Ghate SV**, Helsper RS, Rosen EL. Stereotactic breast biopsy of non-calcified lesions: a cost-effectiveness analysis comparing 14-gauge multipass automated core biopsy to 14- and 11-gauge vacuum-assisted biopsy. **Clin Imag** 29(1):26-33, 2005.
9. Soo MSC, Rosen EL, Xia JQ, **Ghate SV**, Baker JA. Computer-aided detection of amorphous calcifications. **AJR** 184: 887-892, 2005.
10. Soo MSC, Baker JA, **Ghate SV**, Walsh R, Warwick B, Nightingale K. Streaming Detection for Evaluation of Indeterminate Sonographic Breast Masses—A Pilot Study. **AJR** 186:1335-1341, 2006.
11. **Ghate SV**, Rosen EL, Soo MSC, Baker JA. MRI-guided breast biopsies using a novel hand-held portable breast biopsy system. **AJR** 186:1733-1736, 2006.
12. Maxwell RW, **Ghate SV**, Bentley RC, Soo MS. Primary primitive Neuroect tumor of the Breast. **J Ultras Med** 25:1331-1333, 2006.
13. **Ghate SV**, Crockett MM, Boyd BK, Paulson EK. Sonohysterography: Do 3-D reconstructed images provide additional value? **AJR** 190:W227-W233, 2008.
14. Pollard BJ, Samei E, Chawla AS, Baker JA, **Ghate SV**, Kim C, Soo MSC, Hashimoto N. The influence of increased ambient lighting on mass detection in mammograms. **Acad Radiol** 16:299-304, March, 2009.
15. Wilke LG, Broadwater MS, Rabiner S, Owens E, Yoon S, **Ghate SV**, Scott V, Walsh R, Strouder A, Robertson S, Barron A, Seewaldt V. Breast self-examination: defining a cohort still in need. **Am J Surg** 198:575-579, 2009.
16. Bennett LE, **Ghate SV**, Bentley R, Baker JA. Is surgical excision of core biopsy proven benign papillomas of the breast necessary? **Acad Radiol** 17: 553-557, 2010.

**BOOK REVIEWS:**

1. Soo MSC, **Ghate SV**. Review of, Breast Imaging Companion. **AJR** 170:1374, 1998.

**PRESENTATIONS:**

1. **Ghate SV.** Patient compliance with follow-up mammography. Association of University Radiologists. Cincinnati, OH. May 22, 1993.
2. **Ghate SV.** Patient compliance with follow-up mammography. North Carolina American Cancer Society Meeting. Duke University Medical Center, Durham, NC. February, 1993.
3. **Ghate SV.** Breast interventional procedures. Duke Radiology Review Course. Research Triangle Park, NC. April, 2003.
4. **Ghate SV.** Diagnostic breast ultrasound. Duke Radiology Summer Post-Grad Course. Myrtle Beach, SC. July, 2003.
5. **Ghate SV.** Controversies in screening, breast ultrasound and MRI. Grand Rounds. Duke University Medical Center, Durham, NC. October, 2003.
6. **Ghate SV, Soo MSC.** After the biopsy: imaging-histologic review. 10<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 10, 2004.
7. **Ghate SV.** Controversies in screening breast US & MRI. 10<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 11, 2004.
8. **Ghate SV.** Second and third trimester obstetric ultrasound. Duke Radiology Review Course. Research Triangle Park, NC. April, 2004 and April, 2005.
9. **Ghate SV, Soo MSC.** After the biopsy: imaging-histologic review. (Instructional Course) American Roentgen Ray Society Meeting. Miami, Florida. May, 2004.
10. **Ghate SV.** Controversies in screening breast ultrasound. Invited Speaker. Society of Radiologists in Ultrasound. Washington, DC. October, 2004.
11. **Ghate SV.** Breast MRI – current indications. Invited Speaker. Cabarrus Radiology, PA. June, 2004.
12. **Ghate SV.** Gynecologic Ultrasound. Invited Speaker. Cabarrus Radiology, PA. June, 2004.
13. **Ghate SV.** Second and third trimester obstetric Ultrasound. Invited Speaker. Cabarrus Radiology, PA. June, 2004.
14. **Ghate SV.** Gynecologic Ultrasound. Duke Radiology Review Course. April, 2005.
15. **Ghate SV, Baker JA.** Breast MRI – current indications for managing and staging breast Cancer. Indo – US Update. Andra Pradesh Radiology Society. Hyderabad, India. November 4-6, 2005.

**PRESENTATIONS (Continued):**

16. **Ghate SV.** Gynecological ultrasound – practical approach to endometrial and adnexal Abnormalities. Indo – US Update. Andra Pradesh Radiology Society. Hydrabad, India. November 4-6, 2005.
17. **Ghate SV.** The role of ultrasound in diagnosis and management of fetal IUGR. Indo – US Update. Andra Pradesh Radiology Society. Hydrabad, India. November 4-6, 2005.
18. **Ghate SV.** Screening controversies in breast US & MRI. 12<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 14, 2006.
19. **Ghate SV.** Breast MRI. 12<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 14, 2006.
20. **Ghate SV.** Gynecologic Ultrasound. 2<sup>nd</sup> & 3<sup>rd</sup> Trimester Obstetric Ultrasound. Invited Speaker. Duke Radiology Review Course. April, 2006.
21. **Ghate SV.** Gynecologic Ultrasound. Invited Speaker. Duke Radiology Summer Post-Grad Course. July 31 – August 4, 2006.
22. **Ghate SV.** Gynecologic Ultrasound. 2<sup>nd</sup> & 3<sup>rd</sup> Trimester Obstetric Ultrasound. Invited Speaker. Duke Radiology Review Course. April, 2007.
23. **Ghate SV.** Gynecologic Ultrasound. Invited Speaker. Duke Radiology Summer Post-Grad Course. July 30 – August 3, 2007.
24. **Ghate SV.** Breast MRI: current indications. 14<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 26, 2008.
25. **Ghate SV.** Multimodality work-up of breast lesions – what we do. 14<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 26, 2008.
26. **Ghate SV.** GYN Ultrasound and 2<sup>nd</sup> & 3<sup>rd</sup> Trimester Obstetric Ultrasound. Invited Speaker. Duke Radiology Review Course. April, 2008.
27. **Ghate SV.** Gynecologic Ultrasound. Invited Speaker. Duke Radiology Summer Post-Grad Course. July 28 – August 1, 2008.
28. **Ghate SV.** Breast MRI: current indications. 15<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 10, 2009.
29. **Ghate SV.** Multimodality work-up of breast lesions – what we do. 15<sup>th</sup> Annual NC-ACR Breast Imaging Weekend Review Course. Charlotte, NC. January 10, 2009.

**ABSTRACTS (Publications & Presentations):**

1. Soo MSC, Kliewer MA, Rosen EL, **Ghate SV**. Percutaneous breast biopsy: a cost-effective analysis comparing automated large-core biopsy with mammotome biopsy. Radiological Society of North America. RSNA abstract supplement. 1999 Annual Meeting. Chicago, IL. November 11-December 3; 213(P):106, 1999.
2. **Ghate SV**. Comparison of recall rates and cancer detection rates for on-line vs. off-line screening mammography. Radiological Society of North America. RSNA abstract supplement. 2003 Annual Meeting. Chicago, IL.
3. Soo MSC, Baker JA, **Ghate SV**, Walsh R, Warwick B, Nightingale K. Streaming Detection for Evaluation of Indeterminate Sonographic Breast Masses—A Pilot Study. ARRS Abstract Supplement, 184: 27. New Orleans, LA. 2005.
4. **Ghate SV**, Rosen EL, Soo MSC, Baker JA. MRI-guided breast biopsies using a novel hand-held portable breast biopsy system. ARRS Abstract Supplement, 184: 58. New Orleans, LA. 2005.
5. **Ghate SV**, Crockett MM, Boyd K, Paulson EK. Sonohysterography: Do 3-Dimensional (3-D reconstructed images provide additional value? RSNA Abstract Supplement pg. 574. RSNA Annual Meeting. Chicago, IL. 2006.
6. **Ghate SV**, Kim C, Johnson K, Baker JA, Soo MS. Minimal screening mammography recall rates using standardized BI-RADS criteria. ARRS Abstract Supplement. San Diego, CA. 2007.
7. **Ghate SV**, Baker JA, Hawkins AD, Soher B. Titanium vs Carbon Coated Breast Tissue Marker Clips: MR Susceptibility Artifact and Local Signal Disturbance. ARRS Abstract Supplement. San Diego, CA. May, 2010.

**RESEARCH GRANT AWARDS (Current):**

Principal Investigator: Mark W. Dewhirst, CVM, Ph.D.

1987 - 2005

Investigator: Sujata V. Ghate, M.D.

“Hyperthermia and Perfusion Effects in Cancer Therapy” (Core 3)

National Institutes of Health (NIH)

The goal of this study is to determine the ability of this imaging system to improve local staging of breast cancer in women with biopsy proven breast carcinoma.

**AWARDS/HONORS:**

University of North Carolina School of Medicine

Merit Awards

Holderness Fellowship [REDACTED]

Alpha Omega Alpha

Phi Beta Kappa

North Carolina Fellows Program [REDACTED]

Phi Eta Sigma (Freshman Honor Society) [REDACTED]

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**AWARDS/HONORS (Continued):**

University of North Carolina at Chapel Hill

John Motley Morehead Scholarship [REDACTED]

[REDACTED]

Wilson Award (outstanding achievement in cellular and molecular biology) [REDACTED]

[REDACTED]

**COMMITTEES/SOCIETIES:**

Radiological Society of North America

American Roentgen Ray Society

Society of Breast Imaging (to be inducted as a Fellow on Dec 2010)

Society for Radiologists in Ultrasound

Membership Committee, 2004-2006

Curriculum Committee, 2006-2009

AJR, Manuscript Reviewer

NC Radiological Society

Alternate Counselor

Counselor

Vice President (5/10-5/11)

**PERSONAL INFORMATION:**

**Home Address & Phone #:**

[REDACTED]

**Names & Addresses of Parents:**

[REDACTED]

