

CATHERINE CLAYTON BAUCOM MD/PhD

EDUCATION

1993 - 1997	Presbyterian College, Clinton, SC B.S. in Biology, <i>Cum laude</i>
1998 - 2004	Tulane University Health Science Center (TUHSC), New Orleans, LA Ph.D., Neuroscience Graduate Training Program
2002 - 2006	Tulane University School of Medicine, New Orleans, LA M.D.
2006 – 2007	General Surgery Internship, University of Mississippi Medical Center, Jackson, MS
2007 – 2011	General Surgery Residency, Tulane University School of Medicine, New Orleans, LA
2010 – 2011	Chief Resident, Surgery Department, Tulane University School of Medicine, New Orleans, LA
2011	Certificate of Completion in Multimodality Detection & Diagnosis of Breast Disease, Dr. Tabar, Las Vegas, Nevada
2011 – Present	Surgical Breast Oncologist, The Elliott Mastology Center, Baton Rouge LA
2016	Board Certified in General Surgery (May 4, 2016)
2017	Certificate of Completion in Combined Multimodality Diagnosis of Breast Diseases and Screening Course, Dr. Tabar, Scottsdale Arizona
2018	Certificate of Completion in Detection and Diagnosis of Breast Diseases Course, Dr. Tabar, Scottsdale, Arizona

HONORS & AWARDS

1994-1995	Sorority Varsity Athlete of the Year (Honorable Mention)
1997-1998	USC Men's Intramural Basketball Champions
1999 - 2000	TUHSC Chancellor Scholarship for Graduate Studies (Full Tuition)
2001	Recipient of Best Neuroscience Presentation by a Graduate Student, Louisiana State University Health Science Center
2002	Recipient of Best Research Award in Neuroscience, TUHSC
2003	Recipient of Best Research Presentation by a Medical Student, TUHSC
2008	Rudolph Matas Research Award in Surgery, Tulane University
2011	Chief Resident, Tulane University Department of Surgery
2018 – Present	Tulane Surgical Society Board Member

PUBLICATIONS

- Jiang XP, Baucom CC, Elliott RL. Mitochondrial Toxicity of Azithromycin Results in Aerobic Glycolysis and DNA Damage of Human Mammary Epithelia & Fibroblasts. *Antibiotics*. 2019;8:110.
- Elliott RL, Jiang XP, & Baucom CC. 2017. Antibiotic Overusage Causes Mitochondrial Dysfunction Which May Promote Tumorigenesis. *J. Cancer Treatment & Research*. 5(4):62.
- Elliott RL, Baucom CC, Elliot MC, Millet EH, & Jiang XP. 2017. Initial Experience with Contrast Enhanced Digital Mammography (Senobright) – In a Comprehensive Clinical Breast Center. *J. Cancer Therapy*. 8:146-154.
- Baucom CB, Nguyen QD, Hidalgo M, & Slakey D. 2009. Minimally Invasive Spigelian Hernia Repair. *JSLs*. 13(2):263.
- Duchesne JC, Baucom CB, Rennie KV, Simmons J, & McSwain NE. 2009. Recurrent Abdominal Compartment Syndrome: An Inciting Factor of the Second Hit Phenomenon. *Am. Surg*. 75(12):1193.

GRANTS

2002 – 2004 National Institute of Neurological Disorders and Stroke – National Institute of Health National Research Service Award (NRSA) for Pre-doctoral Students
(Total Two Year Budget approximately \$45,000)

PRESENTATIONS

2001 Southwest Chapter of American Association of Physicists in Medicine
2001 Tulane University Health Science Center Annual Neuroscience Retreat
2002 Tulane University Health Science Center Annual Neuroscience Retreat
2004 National CME Conference for Family Medicine in New Orleans, LA
2005 Tulane University Health Science Center Research Days
2008 Louisiana Chapter of the American College of Surgeons, New Orleans, LA
2008 Tulane University Health Science Center Research Days
2009 Louisiana Chapter of the American College of Surgeons, New Orleans, LA
2020 Southeastern Surgical Congress, New Orleans, LA

PROFESSIONAL MEMBERSHIPS

1998 - 2004 Society for Neuroscience
2001 - 2004 Human Brain Mapping
2001 - 2004 Cognitive Neuroscience
2005 - 2006 American Medical Association, Resident Member
2005 - 2011 Association of Women Surgeons, Student Member
2005 - 2011 American College of Surgeons, Resident Member
2018 – Present American Society of Breast Surgeons
2018 – Present Louisiana State Medical Society
2018 – Present Capital Area Medical Society
2018 – Present Tulane Surgical Society
2019 – Present American Society of Breast Surgeons
2019 – Present Southeastern Surgical Congress

WORK EXPERIENCE

1998 United States Department of Agriculture, Columbia, SC
1999 - 2000 Rudolph Matas Medical Library, TUHSC, New Orleans, LA
2011 – Present Surgical Breast Oncologist, The Elliott Mastology Center, Baton Rouge, LA