

Updated 12/7/09

## CURRICULUM VITAE

**John Fletcher Boggess, M.D.**

### **Personal Information**

Name John Fletcher Boggess, M.D.  
Division of Gynecology Oncology  
Department of Obstetrics and Gynecology  
UNC School of Medicine  
University of North Carolina at Chapel Hill  
Chapel Hill, NC 27599

Office Location 4014 Old Clinic Building, Campus Box 7570

Office Phone Number: (919) 966-5996

Office Fax Number: (919) 966-5670

E-mail Address: jboggess@med.unc.edu

Home Address: 2712 Creek Run Court  
Chapel Hill, NC, 27514

Home Phone Number: (919) 929-5995

Place and Date of Birth: Santa Ana, California, July 18, 1964

Marital Status: Married, Kim A. Boggess, M.D.  
Assistant Professor, Maternal and Fetal Medicine  
University of North Carolina, Chapel Hill, NC

Children: Emma Elisabeth Boggess, Born 4-18-98  
Mason Cole Boggess, Born 2-3-01

### **Education-Postgraduate Training, Fellowships, Residencies, and Traineeships**

1995-1998	Fellowship	Division of Gynecologic Oncology Department of Obstetrics and Gynecology University of North Carolina, Chapel Hill Chapel Hill, North Carolina
1991-1995	Residency	Department of Obstetrics and Gynecology University of Washington Seattle, Washington
1991	Medical School	Oregon Health Sciences University School of Medicine Portland, Oregon Doctor of Medicine

1986                      College                      University of California, Irvine  
Irvine, California  
Bachelor of Science, Biology

### **Professional Experience**

2005 to present                      **Associate Professor**, Department of Obstetrics and Gynecology  
Division of Gynecologic Oncology  
University of North Carolina, Chapel Hill, NC

1998 to 2005                      **Assistant Professor**, Department of Obstetrics and Gynecology  
Division of Gynecologic Oncology  
University of North Carolina, Chapel Hill, NC

1995 to 1998                      **Clinical Instructor**, Department of Obstetrics and Gynecology  
University of North Carolina, Chapel Hill, NC

### **Certification and Licensure**

2001                      **Diplomate**  
Specialty -Gynecologic Oncology  
American Board of Obstetrics and Gynecology

1999                      **Diplomate**  
American Board of Obstetrics and Gynecology

1995                      **Licensed**  
North Carolina, Number 95-01179

1992                      **Diplomate**  
National Board of Medical Examiners

### **Honors and Awards**

2009                      **Best Doctors of America**

2009                      **Person of the Week.** WTVD News, Raliegh, NC

2008                      **Best Doctors of America**

2007                      **CREOG National Faculty Teaching Award**  
American College of Obstetrics & Gynecology

2007                      **Person of the Year**  
Blue & White Magazine, University of North Carolina

2005                      **Golden Tarheel Faculty Teaching Award**  
University of North Carolina, Chapel Hill

- 2003                    **Valerie M. Parisi Excellence in Teaching Award**  
University of North Carolina, Chapel Hill
- 2000                    **Association of Professors of Gynecology and Obstetrics  
Excellence in Teaching Award**  
University of North Carolina, Chapel Hill
- 1999                    **Association of Professors of Gynecology and Obstetrics  
Excellence in Teaching Award**  
University of North Carolina, Chapel Hill
- 1999                    **Dean's Award for Teaching Excellence**  
**University of North Carolina School of Medicine**  
University of North Carolina, Chapel Hill
- 1995                    **Ortho Pharmaceutical Ob/Gyn Chief Resident**  
Award for Teaching Excellence  
University of Washington
- 1991                    **Cum Laude**, Oregon Health Sciences University  
School of Medicine
- 1991                    **William R. Krippaehne, M.D., Student of Surgery Award**  
Oregon Health Sciences University
- 1990                    **Alpha Omega Alpha, Medical Honor Society**  
Elected member at Oregon Health Sciences University

## **Bibliography**

### **Live Surgical Cases for Teaching**

1. Robotic Radical Hysterectomy. Society of European Robotic Gynecology Surgeons. Sept. 15, 2009. Milan, Italy.
2. Robotic Endometrial Cancer Staging. The Institute Mutualiste Montsouris. June 5, 2009. Paris, France.
3. Robotic Radical Hysterectomy. World Robotic Gynecology Congress. May 7, 2009.
4. Robotic Endometrial Cancer Staging. Robotic Techniques in Gynecology Symposium. University of Michigan. October 9, 2008.
5. Robotic Radical Hysterectomy. Hospitals at Leuven Robotic Symposium. September 19, 2008. Leuven, Belgium.
6. Robotic Radical Hysterectomy. September 18, 2008. Lille, France.
7. Robotic Radical Hysterectomy. Istituto Europeo di Oncologia Robotic Symposium. May 30, 2008. Milan, Italy.

8. Robotic Radical Hysterectomy. Post Graduate Course: Innovations in Surgery. 39<sup>th</sup> Annual Meeting of the Society of Gynecologic Oncologists, Tampa, FL. March 8, 2008.
9. Robotic Radical Hysterectomy. VMU Hospital. November 2, 2007. Amsterdam, Netherlands.
10. Robotic Endometrial Cancer Staging. Annual Meeting ACOG, 2007.
11. Robotic Radical Hysterectomy. Radical Surgery in Gynecologic Cancer Symposium. March 2007. Budapest, Hungary.
12. Robotic Endometrial Cancer Staging. OR-Live. Broadcast from University of North Carolina, February 2007.
13. Robotic Radical Hysterectomy. Robotic Techniques in Gynecology Symposium. University of Michigan. September 2006.
14. Robotic Radical Hysterectomy. OR-Live. Broadcast from University of North Carolina, February 2006.

#### **Academic Video Productions**

1. Robotic assisted pelvic lymph node dissection, a systematic approach. Mid-Atlantic Gynecologic Oncology Society. Sept. 2009.
2. Radical trachelectomy with uterine artery preservation. Mid-Atlantic Gynecologic Oncology Society. Sept. 2009.
3. Robotic assisted radical hysterectomy. Rabbie K. Hanna and John F. Boggess. Mid-Atlantic Gynecologic Oncology Society. Sept. 2009.
4. Robotic Radical Hysterectomy in Morbid Obesity, Society of Gynecologic Oncologists, Annual Meeting. 2008.
5. ABOG Gynecologic Oncology Oral Board Examination: Structured Cases, April 2008
6. ABOG Gynecologic Oncology Oral Board Examination: Structured Cases, April 2007
7. Robotic Radical Hysterectomy, Society of Gynecologic Oncologists, Annual Meeting. 2006.
8. ABOG Gynecologic Oncology Oral Board Examination: Structured Cases, April 2006
9. Robotic Staging of Endometrial Cancer. American College of Surgeons. 2005
10. ABOG Gynecologic Oncology Oral Board Examination: Structured Cases, April 2005
11. ABOG Gynecologic Oncology Oral Board Examination: Structured Cases, April 2004

12. In Vivo Intra-operative Radiotherapy: A Novel Approach to Radiotherapy for Early Stage Breast Cancer,
13. Lymphatic Mapping and Sentinel Lymphadenectomy. 2<sup>nd</sup> International Sentinel Node Congress 2000.
14. Modified Posterior Exenteration for Ovarian Carcinoma. Society of Gynecologic Oncologists. 2000

### **Books and chapters**

1. Balthazar, U; **Boggess, J.** Adnexal Masses in Pregnancy. In: Gynecologic Cancer: Case-based evaluation and management for the gynecologist, D Clarke-Pearson, JT Soper (eds) 2009. In press.
- 2.
3. **Bae-Jump, V; Boggess, J.** Cervical Neoplasia. In Greganti, Runge (Second Edition) Netter's Textbook of Internal Medicine. Chapter 90, pages 594-600. ICON Learning Systems LLC. 2007.
4. **Boggess, J.** Cervical Neoplasia. In Greganti, Runge (Eds) Netter's Textbook of Internal Medicine. Chapter 90, pages 594-600. ICON Learning Systems LLC. 2003.
5. Alberts DS, Barakat R, Benbrook D, **Boggess J**, Brewer M, Brinton L, Castle P, Daly M, Davanipour Z, Garcia FAR, Hess L, Keleghan J, Lu K, Method MM, Minasian L, Muller C, Mutter G, Rader J, Rodriguez G, Sobel G, and Walker J. Prevention of Gynecologic Malignancies. In Gershenson, Gore, McGuire, Quinn, Thomas (Eds) Gynecologic Cancer: Controversies in Management. Chapter 66, pages 886-896. Academic Press: Philadelphia. 2003

### **Non Refereed papers/articles**

1. Shafer A and **Boggess J.** "The Robotic Revolution: Coming soon to a hospital near you?" Contemporary OB/Gyn Technology. April 15, 2007

### **Refereed papers/articles**

1. Osorio A, Milne RL, Pita G, Peterlongo P, **Boggess JF**, et. al. Evaluation of a candidate breast cancer associated SNP in ERCC4 as a risk modifier in BRCA1 and BRCA2 mutation carriers. Results from the Consortium of Investigators of Modifiers of BRCA1/BRCA2 (CIMBA). J. Br J Cancer. 2009 Nov 17. [Epub ahead of print]
2. **Boggess JF**, Gehrig PA, Cantrell L, Shafer A, Mendivil A, Rossi E, Hanna R. Obstet Perioperative outcomes of robotically assisted hysterectomy for benign cases with complex pathology. Gynecol. 2009 Sep;114(3):585-93.
3. Shafer A, Zhou C, Gehrig PA, **Boggess JF**, Bae-Jump VL. Rapamycin potentiates the effects of paclitaxel in endometrial cancer cells through inhibition of cell proliferation and induction of apoptosis. Int J Cancer. 2009 Aug 17. [Epub ahead of print]
4. Antoniou AC, Sinilnikova OM, McGuffog **Boggess JF**, et. al. CIMBA. Common variants in LSP1, 2q35 and 8q24 and breast cancer risk for BRCA1 and BRCA2 mutation carriers. Hum Mol Genet. 2009 Nov 15;18(22):4442-56. Epub 2009 Aug 5.

5. Bae-Jump, VL, Zhou C, **Boggess, JF**, Gehrig, PA. Synergistic effect of rapamycin and cisplatin in endometrial cancer cells. *Cancer*. 2009 Sep 1;115(17):3887-96..
6. Mendivil A, Holloway RW, **Boggess JF**. Emergence of robotic assisted surgery in gynecologic oncology: American perspective. *Gynecol Oncol*. 2009 Aug;114(2 Suppl):S24-31. Review.
7. Mettler L, Schollmeyer T, **Boggess J**, Magrina JF, Oleszczuka A. Robotic Assistance in Gynecological Oncology. *Curr Opin Oncol*. 2008 Sep;20(5):581-9. Review.
8. Bae-Jump, VL, Zhou, C, **Boggess, JF** and Gehrig, PA, Arsenic trioxide (As<sub>2</sub>O<sub>3</sub>) inhibits expression of estrogen receptor-alpha through regulation of the mitogen-activated protein kinase (MAPK) pathway in endometrial cancer cells, *Reprod Sci*. 2008 Dec;15(10):1011-7.
9. **Boggess, JF**, Gehrig, PA, Cantrell, L, Shafer, A, Ridgway, M, Skinner, EN, Fowler, WC. A comparative study of 3 surgical methods for hysterectomy with staging for endometrial cancer: robotic assistance, laparoscopy, laparotomy. *Am J Obstet Gynecol*. 2008 Oct;199(4):360.e1-9.
10. **Boggess, JF**, Gehrig, PA, Cantrell, L, Shafer, A, Ridgway, M, Skinner, EN, Fowler, WC. A case-control study of robot-assisted type III radical hysterectomy with pelvic lymph node dissection compared with open radical hysterectomy. *Am J Obstet Gynecol*. 2008 Oct;199(4):357.e1-7.
11. Shafer, A, **Boggess, JF**. Robotic-assisted endometrial cancer staging and radical hysterectomy with the da Vinci® surgical system. *Gynecol Oncol*. 2008 Nov;111(2 Suppl):S18-23. Epub 2008 Sep 3.
12. Gehrig, PA, Cantrell, LA, Shafer, A, Abaid, LN, Mendivil, A, **Boggess, JF**. What is the optimal minimally invasive surgical procedure for endometrial cancer staging in the obese and morbidly obese woman? *Gynecol Oncol*. 2008 Oct;111(1):41-5. Epub 2008 Aug 9.
13. Greene, MH, Piedmonte, M, Alberts, D, Gail, M, Hensley, M, Miner, Z, Mai, PL, Loud, J, Rodriguez, G, Basil, J, **Boggess J**, Schwartz, PE, Kelley, JL, Wakeley, KE, Minasian, L, Skates, S. A Prospective Study of Risk-Reducing Salpingo-oophorectomy and Longitudinal CA-125 Screening among Women at Increased Genetic Risk of Ovarian Cancer: Design and Baseline Characteristics: A Gynecologic Oncology Group Study. *Cancer Epidemiology Biomarkers & Prevention* 2008 17, 594-604.
14. Zhou, C, **Boggess, JF**, Bae-Jump,V, Gehrig, PA. Induction of apoptosis and inhibition of telomerase activity by arsenic trioxide (As<sub>2</sub>O<sub>3</sub>) in endometrial carcinoma cells. *Gynecol Oncol*, April 2007. 105 (1): 218-222
15. Spriggs, DR, Brady, FM, Vaccarello, L, Clarke-Pearson, DL, Burger, RA, Mannel, R, **Boggess, JF**, Lee, RB, Hanly, M. Phase III Randomized Trial of Intravenous Cisplatin Plus a 24- or 96-Hour Infusion of Paclitaxel in Epithelial Ovarian Cancer: A Gynecologic Oncology Group Study. *Journal of Clinical Oncology* 2007, Vol 25, No 28: 4466-4471
16. **Boggess, JF**. Robotics in Gynecologic Oncology: Establishing a New Surgical Paradigm. *J Robotic Surg*. 2007, 1 (1).
17. **Boggess, JF**, Zhou, C, Bae-Jump, VL, Gehrig, PA, Whang, YE. Estrogen receptor dependent regulation of telomerase activity in human endometrial cancer cell lines. *Gynecol Oncol*. 2006, 103(2):417-24.

18. Abaid, LN, **Boggess, JF**. Current Applications of Laparoscopy in Gynecologic Oncology: A Literature Review. *The Women's Oncology Review*. December 2005, 5(4):193-201.
19. Zhou C, Bae-Jump VL, Whang YE, Gehrig PA, **Boggess JF**. The PTEN tumor suppressor inhibits telomerase activity in endometrial cancer cells by decreasing hTERT mRNA levels. *Gynecol Oncol*. 2005 Dec; 101(2):305-10.
20. Bae-Jump VL, Zhou C, Gehrig PA, Whang YE, **Boggess JF**. Rapamycin inhibits hTERT telomerase mRNA expression, independent of cell cycle arrest. *Gynecol Oncol*. 2005 Oct, 100(3):487-94.
21. Livasy CA, Reading C, Moore DT, **Boggess JF**, Lininger RA. EGFR Expression and HER2/neu Overexpression/Amplification in Endometrial Carcinosarcoma. *Gynecol Oncol*. 2005 Sep, 100(1):101-6.
22. Skinner EN, Boruta DM, Gehrig PA, **Boggess JF**, Fowler WC, Van Le L. Consolidation therapy with weekly paclitaxel infusion in advanced epithelial ovarian cancer and primary peritoneal cancer: an extended follow-up. *Gynecol Oncol*. 2005 Jul; 98(1):59-62.
23. South M, South A, **Boggess J**, Strauss R, Thorp J. The Use of Non-Nutritive Sucking to Decrease the Physiologic Pain Response During Neonatal Circumcision: A Randomized Controlled Trial. *Am J Obstet Gynecol*. 2005 Aug;193(2):537-42.
24. Gehrig PA, Bae-Jump VL, **Boggess JF**, Groben PA, Fowler WC Jr, Van Le L. Association between uterine serous carcinoma and breast cancer. *Gynecol Oncol*. 2004 Jul;94(1):208-11.
25. Boruta DM, Gehrig PA, Groben PA, Bae-Jump VL, **Boggess JF**, Fowler WC, Van Le L. Uterine Serous and Grade 3 Endometrioid Carcinomas: Is there a survival difference? *Cancer*, 2004 101 (10): 2214-2221.
26. Lamvu G, Zolnoun D, **Boggess J**, Steege JF. Obesity: Physiologic Changes and Challenges During Laparoscopy. *The American Journal of Obstetrics and Gynecology*, 2004;191 (2): 669-674.
27. Moore DH, McQuellon RP, Blessing JA, Benda J, Miller DS, Olt G, King S, **Boggess JF**, Rocereto TF, A Randomized Phase III Study of Cisplatin Versus Cisplatin Plus Paclitaxel in Stage IVB, Recurrent or Persistent Squamous Cell Carcinoma of the Cervix: A Gynecologic Oncology Group Study. *J Clin Oncol*. 2004; 22:3113-3119.
28. Boruta D, Gehrig PA, **Boggess J**, Fowler WC, Van Le L. Weekly Paclitaxel Infusion as Consolidation Therapy in Ovarian Cancer. *Cancer Investigation*. 21(5):675-81, 2003.
29. Hartmann KE, Hall SA, Nanda K, **Boggess JF**, Zolnoun D. Cervical Cancer Screening: A Summary of the Evidence. (Prepared in support of the US Preventive Services Task Force under Contract No. 290-97-0011). AHRQ Publication No. 03-515A. Rockville (MD) Agency for Healthcare Research & Quality. National peer review complete; 2003.
30. Zhou C, Gehrig P, Whang Y, **Boggess JF**. Rapamycin inhibits telomerase activity by decreasing the hTERT mRNA level in endometrial cancer cells. *Mol Cancer Ther*. 2003 Aug;2(8):789-95.
31. Gehrig PA, **Boggess JF**, Ollila D, Groben PA, Van Le L. Advanced appendiceal carcinoma mimicking ovarian cancer. *International Journal of Gynecological Cancer*. 12:768-72, 2002.

32. Williams CD, **Boggess JF**, Lamarque LR, Meyer WR, Murray MJ, Fritz MA, Lessey BA. A Prospective, Randomized Study of Endometrial Telomerase During the Menstrual Cycle. *J Clin Endo Metab* (2001).
33. Kaplan AM, **Boggess JF**, Creager AJ, Livasy CA, Dent GA. Primary adult intra-abdominal rhabdomyosarcoma: a case report. *Gynecol Oncol* 74, 282-285 (1999).
34. **Boggess JF**, Goff BA, Cain JM, Greer BE, Soules MR, HK Tamimi.. Serum inhibin and disease status in women with ovarian granulosa cell tumors. *Gynecol Oncol* 64, 64-67. (1997).

## Refereed Abstracts

### *Oral presentations*

1. A. Mendivil, **J. Boggess**. Robotic Surgery Training in Gynecologic Oncology: A Comparison of Fellow and Attending Surgical Times. Presented at the 40<sup>th</sup> Annual Meeting of the Society of Gynecologic Oncologists, San Antonio, TX, February 5, 2009.
2. E.C. Rossi, **J.F. Boggess**. Increasing BMI is associated with decreasing lymph node counts from robotically assisted lymphadenectomy for endometrial cancer. Mid Atlantic Gynecologic Oncology Association Annual Meeting. 2009. Hotsprings Virginia.
3. E.C. Rossi, R.K. Hanna, **J.F. Boggess**. Factors associated with the development of lymphedema after robotically assisted endometrial cancer staging. Mid Atlantic Gynecologic Oncology Association Annual Meeting. 2009. Hotsprings Virginia.
4. Rabbie K. Hanna, Leigh A. Cantrell, Paola A. Gehrig, Alberto Mendivil, **John F. Boggess**. Robotic versus conventional laparoscopy for endometrial cancer staging, is it cost-effective? Society of Pelvic Surgeons 2009.
5. Cantrell LA, Mendivil A, Gehrig PA, **Boggess JF**: Survival Outcomes for Women Undergoing Robotic Surgery for Cervical Cancer: A Three-Year Experience. Abstract presented at the 40<sup>th</sup> Annual Meeting of the Society of Gynecologic Oncologists, San Antonio, TX, February 2009.
6. A. Mendivil, **J. Boggess**. A Three-Year Analysis of Endometrial Cancer Staging via Robotic Assistance. Presented at the 2<sup>nd</sup> Annual Meeting of the International Gynecologic Oncology Robotics Symposium, Chapel Hill, NC, November 10, 2008.
7. A. Mendivil, **J. Boggess**. A Fellow and Attending Surgeon Comparison of Robotic Surgical Outcomes in A Fellowship Training Program. Presented at the 2<sup>nd</sup> Annual Meeting of the International Gynecologic Oncology Robotics Symposium, Chapel Hill, NC, November 10, 2008.
8. A. Mendivil, **J. Boggess**. Growth of Robotic Surgery Among Gynecologic Oncologists. Presented at the 23<sup>rd</sup> Annual Meeting of the Mid-Atlantic Gynecologic Oncology Society, Washington, DC, September 20, 2008.

9. Rabbie K. Hanna, Leigh A. Cantrell, Alberto Mendivil, Paola A. Gehrig, **John F. Boggess**. A cost analysis of robotic as compared to conventional laparoscopy for endometrial cancer staging. Presented at the second annual (International Gynecologic Oncology Robotic Symposium) IGORS conference 2008.
10. Bae-Jump, VL, Zhou, C, **Boggess, JF** and Gehrig, PA, Arsenic Trioxide Inhibits Expression of Estrogen Receptor-Alpha Through Regulation of the Mitogen-Activated Protein Kinase Pathway in Endometrial Cancer Cells, Proceedings of the Annual Meeting of the Mid-Atlantic Gynecologic Oncology Society (2007) and Proceedings of the Annual Meeting of the Society of Gynecologic Oncologists (2008).
11. Gehrig PA, Cantrell L, Shafer A, Abaid L, Mendivil A, **Boggess JF**. What is the optimal minimally invasive surgical procedure for endometrial cancer staging in the obese and morbidly obese woman? Society of Gynecologic Oncology 39<sup>th</sup> Annual meeting, March 2008, Tampa, FL.
12. Gehrig PA, Cantrell LA, Shafer A, Abaid L, Mendivil A, **Boggess JF**. Does morbidly obesity influence the surgical outcomes in women undergoing robotic assisted endometrial cancer staging? Minimally Invasive Robotic Association, January 2008, Rome, Italy.
13. Shafer A, Abaid L, Gehrig PA, **Boggess JF**. Robotic assisted laparoscopic cystectomy in pregnancy: a case series. Minimally Invasive Robotic Association, January 2008, Rome, Italy.
14. Abaid L, Shafer A, Gehrig PA, **Boggess JF**. Robotic radical trachelectomy for cervical cancer: a case report. Minimally Invasive Robotic Association, January 2008, Rome, Italy.
15. Robot Assisted Type III Radical Hysterectomy with Pelvic Lymph-node Dissection: Description of a Novel Technique for treating Stage Ib1 Cervical Cancer. Annual Meeting on Women's Cancer. Palm Springs, CA. March, 2006.
16. Moller K, Boruta D, Zhou C, Cairns B, Freleinger J, **Boggess JF**. Cellular immune responses to common types of HPV increase with dysplastic cervical change. Plenary presentation. Society of Gynecologic Oncologists. New Orleans, LO. Jan, 2003.
17. Moller K, Boruta D, Zhou C, Cairns B, Freleinger J, **Boggess JF**. Cellular immune responses to common types of HPV increase with dysplastic cervical change. Oral presentation. Infectious Disease Society of Obstetrics and Gynecology. Banff Canada. August, 2003.
18. **Boggess JF**, Veljovich DS, Gehrig, PA, Fowler WC.. Modified posterior exenteration for ovarian carcinoma. Video presentation. Society of Gynecologic Oncologists. 2000
19. Ollila DW, Veljovich DS, **Boggess JF**, Vulvar Melanoma: A Video Presentation of Lymphatic Mapping and Sentinel Lymphadenectomy. Video presentation. 2<sup>nd</sup> International Sentinel Node Congress 2000.
20. **Boggess JF**, Goff BA, Cain JM, Greer BE, Soules MR, Figge DC, Tamimi HK. Correlation between serum inhibin and disease status in women with ovarian granulosa cell tumors. Oral presentation, Western Association of Gynecologic Oncologists. Cour de Leine, ID 1995.

### *Poster Presentations*

1. Rabbie K. Hanna MD, Leigh A. Cantrell MD, Alberto Mendivil, MD, Paola A. Gehrig MD, **John F. Boggess MD**. A cost analysis of robotic as compared to conventional laparoscopy for endometrial cancer

staging. Presented at the 40th annual meeting of SGO and at the 2009 UNC Lineberger Cancer Center Annual Scientific Retreat.

2. Rabbie K. Hanna MD, Leigh A. Cantrell MD, Alberto Mendivil, MD, Paola A. Gehrig MD, **John F. Boggess MD**. A cost analysis of robotic as compared to conventional laparoscopy for endometrial cancer staging. *Gynecol Oncol*. 2009 Feb; 112 (2) Supplement: S166.
3. Balthazar U, **Boggess JF**, Gehrig PA. Management of the Persistent Adnexal Mass in Pregnancy: What is the Ideal Surgical Approach? 2008 ACOG Meeting, New Orleans, LA. May 2008.
4. Bae-Jump, VL, Zhou, C, **Boggess, JF** and Gehrig, PA, The Effect of Rapamycin on Progesterone Receptor and Estrogen Receptor Expression in Endometrial Cancer Cells, *Proceedings of the Annual Meeting of the Society of Gynecologic Oncologists* (2008).
5. Shafer, A, Zhou, C, Gehrig, PA, **Boggess, JF**, Kaufman, D and Bae-Jump, VL, Rapamycin potentiates the effects of paclitaxel in endometrial cancer cells through inhibition of cell proliferation and induction of apoptosis, *Proceedings of the Annual Meeting of the American Association for Cancer Research* (2008).
6. Gehrig PA, Cantrell LA, Shafer A, Abaid L, Mendivil A, and **Boggess JF**, What is the optimal minimally invasive surgical procedure for endometrial cancer in the obese and morbidly obese woman? Oral Presentation at the 39<sup>th</sup> Annual Meeting of the Society of Gynecologic Oncologists, Tampa, FL. March 8, 2008.
7. Shafer A, LN Abaid, PA Gehrig, and **JF Boggess**, Robotic Assisted Laparoscopic Cystectomy in Pregnancy: A Case Series. Oral Presentation at MIRA 2008 International Meeting, Rome, Italy, January 25, 2008.
8. Shafer A, C Zhou, PA Gehrig, **JF Boggess**, D Kaufman, and V Bae-Jump, Rapamycin potentiates the effects of paclitaxel in endometrial cancer cells through inhibition of cell proliferation and induction of apoptosis. Poster at the 2008 Annual Meeting of the AACR, San Diego, CA, April, 2008.
9. Bae-Jump, VL, Zhou, C, Whang, YE and **Boggess, JF**, Cell cycle proteins and hTERT mRNA expression are independent targets of rapamycin in ovarian cancer cell lines, *Proceedings of the Annual Meeting of the American Association for Cancer Research* (2007).
10. Gehrig PA, Skinner EN, **Boggess JF**, Moller KA, Boruta DM, Varia M, Dunlap AP, Fowler Jr. WC, Van Le L. Sequential Chemotherapy and Radiotherapy in Women with Stage III-IV Uterine Serous Carcinoma. *Society of Gynecology Oncology*. *Gynecol Oncol* 96 (3) abstract 142. Miami, Fl, March 2005.
11. Gehrig PA, Zhou C, Whang YE, **Boggess JF**. Rapamycin Inhibits Cell Proliferation and Cell Cycle Progression in Type I and Type II Endometrial Carcinoma. *Society of Gynecology Oncology*. *Gynecol Oncol* 96 (3) abstract 225. Miami, Fl, March 2005.
12. Skinner E, Boruta D, Gehrig P, **Boggess JF**, Fowler WC, Van Le L. Consolidation Therapy with Weekly Paclitaxel Infusion in Ovarian Cancer: An Extended Follow-Up. *Society of Gynecology Oncology*. *Gynecol Oncol* 96 (3) abstract 242. Miami, Fl, March 2005.
13. Paclitaxel and carboplatin sequenced with radiotherapy in women with advanced uterine serous

- carcinoma: Is this the optimal therapy? American Society of Clinical Oncology. New Orleans, LI, 2004.
14. Skinner EN, Boruta DM, Gehrig PA, **Boggess JF**, Fowler WC, Van Le L. Consolidation therapy with weekly paclitaxel infusion in ovarian cancer: an extended follow-up. ASCO, June 2004, New Orleans, LA
  15. Livasy CA, Reading FC, Sciarrotta J, **Boggess JF**. EGFR and HER2/neu Overexpression in Endometrial Carcinosarcoma. United States and Canadian Academy of Pathology Meeting. *ModernPathology* 17(1):204A, abstract 856. Vancouver, BC, March 2004.
  16. Livasy CA, Reading FC, Sciarrotta J, **Boggess JF**. Lack of Significant c- KIT Expression in Endometrial Carcinosarcoma. United States and Canadian Academy of Pathology Meeting. *Modern Pathology* 17(1):203A, abstract 855. Vancouver, BC, March 2004.
  17. Boruta DM, Gehrig PA, Groben PA, Bae-Jump VL, Van Le L, **Boggess JF**, Fowler WC. Uterine serous and grade 3 endometrioid carcinomas: Is there a survival difference? Poster presentation. American society of Clinical Oncology. Chicago, IL, 2003.
  18. Tisci S, Hartmann K, Hall S, MacLehose R, Zolnoun D, **Boggess J**. HPV testing for triage of ASCUS and LSIL: A meta-analysis. Poster presentation. Eurogin 2003 Congress. Paris, France, 2003.
  19. **Boggess JF**, Gehrig PA, Fowler WC. Total laparoscopic hysterectomy with lymph node dissection is feasible and safe for the treatment of clinical stage I endometrial carcinoma. Poster presentation. Society of Gynecologic Oncologists. New Orleans, LO. Jan, 2003.
  20. Zhou C, **Boggess JF** Estrogen induction of telomerase activity by Mitogen-Activated Kinase-dependent pathways in human endometrial carcinoma cells . Poster presentation. Society of Gynecologic Oncologists, Miami Beach, FL, March, 2002
  21. Zhou C, **Boggess JF** Estrogen mediates regulation of the telomerase catalytic subunit gene (hTERT) in endometrial cancer cell lines in an estrogen receptor- $\alpha$  dependent manner. Poster presentation. Society of Gynecologic Oncologists. Miami Beach, FL. March, 2002.
  22. Bae-Jump V, Gehrig PA, Van Le L, **Boggess JF**, Fowler WC. Association between uterine serous carcinoma and breast cancer. Poster presentation. Society of Gynecologic Oncologists, New Orleans, LO. March, 2002.
  23. Moller K, Gehrig P, **Boggess JF**, Fowler WC, Walton L, Van Le L. Vulvar intraepithelial neoplasia III: Post-therapeutic management. Poster presentation. American Society of Colposcopy Pathology. Lake Buena Vista, FL. March, 2002.
  24. Boruta D, Moller K, Zhou C, **Boggess JF**. Optimal specimen type and detection method for evaluation of telomerase activity and hTERT expression in cervical epithelium. Poster presentation. American Association of Cancer Research. San Francisco, CA. April, 2002.
  25. Boruta D, Moller K, Zhou C, **Boggess JF**. Telomerase activity and hTERT gene expression increase with dysplastic cervical changes. Poster presentation. American Association of Cancer Research. San Francisco, CA. April, 2002.

26. Boruta D, Moller K, Zhou C, **Boggess JF**. Telomerase activity and hTERT gene expression increase with dysplastic cervical changes. Poster presentation. Society of Gynecologic Oncologists, Miami Beach, FL March, 2002.
27. Moore DH, McQuellon RP, Blessing JA, Benda J, Miller DS, Olt G, King S, **Boggess JF**, Rocereto TF, A Randomized Phase III Study of Cisplatin Versus Cisplatin Plus Paclitaxel in Stage IVB, Recurrent or Persistent Squamous Cell Carcinoma of the Cervix. Poster presentation. Society of Gynecologic Oncologists, 2001
28. Boruta DM, Van Le L, Fowler WC, Gehrig PA, **Boggess JF**, Walton LA, Weekly Paclitaxel Infusion as Salvage Therapy in Ovarian Cancer. Poster presentation. Society of Gynecologic Oncologists, 2001,.
29. **Boggess JF**, Lamarque LR, Morrissey TP, Roayaei JA, Lessey BA,. Telomerase expression in exfoliated cervical cells correlates with known cervical cancer risk factors. Poster presentation. Society of Gynecologic Oncologists. 2000
30. Williams C, **Boggess JF**, Lamarque LR, Meyer, WR, Murray MJ, Lessey BA.. Dynamic expression of endometrial telomerase in the luteal phase. Poster presentation. Society of Gynecologic Investigation. 2000
31. Daniel S , **Boggess JF** , Lamarque LR., Walton LA., Van Le L.. HGSIL cervical smears: can we omit colposcopy? Poster presentation. American College of Obstetricians and Gynecologists. 2000
32. Price KL, **Boggess JF**, Lamarque RL , Morrissey TP, Lininger RA, Kaufmann WK. Genetic Instability and Telomerase Expression in HPV Induced High Grade Cervical Dysplasias. Poster presentation. Geron Symposium #3, Telomerase and Telomere Dynamics in Cancer and Aging, 2000.
33. Gehrig PA, **Boggess JF**, Ollila DW, Groben PA, Van Le L. Advanced Appendiceal Carcinoma Mimicking Ovarian Cancer. Poster presentation. ACOG District 4, 2000.
34. **Boggess JF**, Watson J, Lessey BA, VanLe L, Fowler WC, Haskill S.  $\alpha 2\beta 1$  integrin expression and tumorigenicity: immortalization of human granulosa cells and comparison with normal and neoplastic cells. Gynecol Oncol 64, (1997). Abstract #218.
35. **Boggess JF**, Gould N, Lessey BA, VanLe L. Integrin expression analysis suggests that granulosa cell tumors are epithelial neoplasms. Poster presentation. Society of Gynecologic Investigation, San Diego, CA 1997.
36. **Boggess JF**, Watson J, Lessey BA, VanLe L, Fowler WC, Haskill S. Inverse correlation between  $\alpha 2\beta 1$  integrin expression and tumorigenicity in human granulosa cell lines. Poster presentation. American Association of Cancer Research. San Diego, CA 1997.
37. **Boggess JF**, Figge DC, Cain JM, Tamimi HT, Greer BE, Goff BA. Surgical staging of morbidly obese women with endometrial cancer. Gynecol Oncol 60, (1996). Abstract #259.

## Teaching Activities

### Medical Student Education

Third Year Clerkship Director, Obstetrics and Gynecology, University of North Carolina 1998-2001.

In charge of orientation, evaluation and curriculum development for the third year clerkship in Obstetrics and Gynecology. In addition to the administrative responsibilities required by the position, accomplished the following:

### **Clinical Teaching**

Attending physician (inpatient) 12-14 weeks/academic year: Oncology admissions, surgical attending in operating room, post-operative recovery, chemotherapy admissions. Responsibilities include supervision and instruction of Gynecology Oncology to two 3<sup>rd</sup> year and one to two 4<sup>th</sup> year medical students/week.

### **Lectures (1hour, 6 third year students)**

2005	June	Gynecologic Malignancies
2004	March	Cervical Cancer Detection and Treatment
2003	April	Gynecologic Malignancies
2002	March	Cervical Cancer Detection and Treatment

### **Lectures (1 hour, first or second year medical school class)**

2007		Anatomy in Action: Radical Hysterectomy
2002		Abnormal Pap Smears and Cervical Cancer
2001		White Coat Ceremony, Faculty Sponsor
2001		Faculty Judge, 33 <sup>rd</sup> Annual John B. Graham Student Research Society's Student Research

### **Obstetrics and Gynecology Resident Education**

#### **Clinical Teaching**

Attending physician Gynecologic Oncology service (inpatient and outpatient) 48 weeks/year: admitting physician, surgeon and outpatient clinic responsibilities full time. Three residents are on service at all times and are involved in all clinical activities. 12-14 weeks/year, oversee entire inpatient clinical gynecologic oncology service including rounds, admissions both surgical and chemotherapy and operative cases.

#### **Resident Faculty Advisor**

Provide mentoring in career development, academic progress, review faculty evaluations and standardized testing scores throughout residency:

**Mathew Borgmeyer, M.D.**            **2003-present**  
**Mary South, M.D.**                **2001-2005**

#### **Research Advisor List of Advisees**

**Mary South, M.D.**            The Use of Non-Nutritive Sucking to Decrease the Physiologic Pain  
OB/GYN Resident            Response During Neonatal Circumcision: A Randomized Controlled Trial.

University of North Carolina, 2004

Manuscript Submitted.

**Sarah Daniel, M.D.**  
OB/GYN Resident  
University of North Carolina, 2002

HGSIL cervical smears: can we omit colposcopy? American College of Obstetricians and Gynecologists, 2000.

**Natalie Gould, M.D.**  
OB/GYN Resident  
University of North Carolina, 1997

Integrin expression analysis suggests that granulosa cell tumors are epithelial neoplasms. J Soc Gynecol Invest 4, (1997).

## Fellows Education

**Program Director, Fellowship in Gynecology Oncology, University of North Carolina 2004-present**  
Responsible for the administration and program development for the gynecologic oncology fellowship. Our fellowship is one of 30 programs in the United States approved by the American Board of Obstetrics and Gynecology. The fellowship program lasts 3 years (1 year research, 2 years clinical) and culminates in a certification process for sub-specialization in gynecologic oncology.

## Clinical Teaching (3 fellows/week of service)

Attending physician Gynecologic Oncology service (inpatient and outpatient) 48 weeks/year: admitting physician, surgeon and outpatient clinic responsibilities full time. Fellows alternate on service at all times and are involved in all clinical activities. 12-14 weeks/year, oversee entire inpatient clinical gynecologic oncology service including rounds, admissions both surgical and chemotherapy and operative cases.

## Research Advisor List of Advisees

**Victoria Bae-Jump, M.D.**  
Gyn/Onc Fellow  
University of North Carolina, 2004

Rapamycin inhibits cell proliferation and hTERT mRNA expression in cervical and ovarian cancer cell lines.  
Ongoing

**Karen Moller, M.D.**  
Gyn/Onc Fellow  
University of North Carolina, 2001

Cellular immune responses to common types of HPV increase with dysplastic cervical change. Oral presentation. Infectious Disease Society of Obstetrics and Gynecology. Banff Canada. August, 2003. Oral presentation. Society of Gynecologic Oncologists, Miami Florida, 2003. Manuscript in preparation.

**David Boruta, M.D.**  
Gyn/Onc Fellow  
University of North Carolina, 2000

Optimal specimen type and detection method for evaluation of telomerase activity and hTERT expression in cervical epithelium. Poster presentation. American Association of Cancer Research. San Francisco, CA. April, 2002.

Telomerase activity and hTERT gene expression increase with dysplastic cervical changes. Poster presentation. American Association of Cancer Research. San Francisco, CA. April, 2002.  
Manuscripts in preparation.

Grant: Cancer Prevention and Control/Cancer epidemiology Research Award. Lineberger Comprehensive Cancer Center. University of North Carolina, 2001.

**Tom Morrissey, M.D.**  
Gyn/Onc Fellow  
University of North Carolina, 1999

Loss of heterozygosity and telomerase expression in cervical carcinogenesis. Telomerase expression in exfoliated cervical cells correlates with known cervical cancer risk factors. Poster presentation. Society of Gynecologic Oncologists. 2000

Grant: ACOG/3M Pharmaceuticals Research Award in Lower Genital Infections. American College of Obstetricians and Gynecologists, Washington, DC. 2000

**Paola Gehrig, M.D.**  
Gyn/Onc Fellow  
University of North Carolina, 1998

Immune modifiers as treatment of cervical dysplasia.  
Grant: ACOG/Cytoc Research Award for the Prevention of Cervical Cancer. American College of Obstetricians and Gynecologists, Washington, DC. 2000

**Chris Williams, M.D.**  
REI Fellow  
University of North Carolina, 1998

A Prospective, Randomized Study of Endometrial Telomerase During the Menstrual Cycle. J Clin Endo Metab (2001).

Grant: ACOG/Solvay Research Award for Menopause. American College of Obstetricians and Gynecologists, Washington, DC. 1999

### **Lectures (1.5 hours, 3 fellows)**

- |             |   |
|-------------|---|
| <b>2004</b> | Surgical Anatomy of the Abdomen and Pelvis<br>Surgical Management of Ovarian Cancer |
| <b>2003</b> | Surgical Anatomy of the Abdomen and Pelvis<br>Surgical Management of Ovarian Cancer |
| <b>2002</b> | Surgical Anatomy of the Abdomen and Pelvis<br>Surgical Management of Ovarian Cancer |

### **Graduate Student Education**

Lectures (1.5 hours, approximately 20 students)

- |      |        |  |
|------|--------|--|
| 2006 | Spring | Cancer Pathobiology 225: Cervical Carcinogenesis                   |
|      | Fall   | Cancer Prevention and Control Seminar 290: HPV and Cervical Cancer |
| 2005 | Spring | Cancer Pathobiology 225: Cervical Carcinogenesis                   |
|      | Fall   | Cancer Prevention and Control Seminar 290: HPV and Cervical Cancer |
| 2004 | Fall   | Cancer Prevention and Control Seminar 290: HPV and Cervical Cancer |
| 2003 | Spring | Cancer Pathobiology 225: Cervical Carcinogenesis                   |
|      | Fall   | Cancer Prevention and Control Seminar 290: HPV and Cervical Cancer |
| 2002 | Spring | Cancer Pathobiology 225: Cervical Carcinogenesis                   |

2001	Spring	Cancer Pathobiology 225: Cervical Carcinogenesis
2000	Spring	Cancer Pathobiology 225: Cervical Carcinogenesis

Kelly Price  
Masters Student  
Department of Pathology  
and Laboratory Medicine  
1999

Genetic instability in cervical carcinogenesis. Thesis for Masters of Science, completed 6/2000.

## **Grand Rounds**

### **2009**

June

Robotic Applications in Gynecologic Oncology. Cleveland Clinic. Cleveland, OH.

Robotic Applications in Gynecologic Oncology. Western Association of Gynecologic Oncologists. Vancouver, BC

### **2008**

October

Cervical Cancer: Now and In the Future. New Hanover Medical Center. Department of Obstetrics & Gynecology. Wilmington, NC

May

Robotic Applications in Gynecologic Oncology, Memorial Sloan-Kettering, Department of Surgery, New York, NY.

### **2007**

### **2006**

### **2005**

September

Current Applications of Minimally Invasive Surgery in Gynecologic Oncology, Northwestern University, Department of Obstetrics and Gynecology, Evanston, Chicago.

### **2004**

December

Total Laparoscopic Hysterectomy in the Treatment of Endometrial Cancer, Central Carolinas Medical Center, Charlotte, NC.

February

Total Laparoscopic Hysterectomy in The Treatment of Endometrial Cancer, University of Texas, M.D. Andersen Cancer Center, Division of Gynecology Oncology. Houston, Texas.

### **2003**

December

Laparoscopic Treatment of Endometrial Cancer, Cleveland Clinic, Division of Gynecology Oncology. Cleveland, Ohio.

October

Laparoscopic Treatment of Endometrial Cancer, Grand Rounds, University of Miami Department of Obstetrics and Gynecology. Miami, Florida

### **2001**

- August Epidemiology and Screening for Cervical Cancer. Department of Obstetrics and Gynecology, New Hanover Regional Medical Center. AHEC, Wilmington, NC.
- 2000**
- February Telomerase and Cervical Cancer Risk. Department of Pathology and Laboratory Medicine, University of North Carolina, Chapel Hill.
- 1999**
- January Telomerase and Cervical Cancer Risk. Department of Obstetrics and Gynecology, University of North Carolina, Chapel Hill.
- 1998**
- December Management of Ovarian Cancer. Wake Medical Center, AHEC, Raleigh, NC.
- October Surgical Anatomy for Gynecologists. Department of Obstetrics and Gynecology, New Hanover Regional Medical Center, AHEC, Wilmington, NC.
- 1997**
- December Maternal Physiologic Changes of Pregnancy. Department of Critical Care. University of North Carolina, Chapel Hill, NC.
- August Endometrial Cancer. Department of Obstetrics and Gynecology, Mission Memorial Hospital, AHEC, Asheville, NC.
- Pap Net. Department of Obstetrics and Gynecology, New Hanover Regional Medical Center, AHEC, Wilmington, NC.
- June Alternative Treatment of HPV Induced Disease. Department of Obstetrics and Gynecology, Rex Healthcare, Raleigh, NC.
- May Alternative Treatment of HPV Induced Disease. Department of Obstetrics and Gynecology, Mission Memorial Hospital, AHEC, Asheville, NC.
- February Post-Operative Complications. New Hanover Regional Medical Center, AHEC, Wilmington, NC.
- 1996**
- December Post-operative Complications. Department of Obstetrics and Gynecology, Mission Memorial Hospital, AHEC, Asheville, NC.
- May Management of Endometrial Cancer. Department of Obstetrics and Gynecology, Mission Memorial Hospital, AHEC, Asheville, NC.
- April Management of Endometrial Cancer. Department of Obstetrics and Gynecology, University of North Carolina, Chapel Hill.

## **Invited Lectures**

**2009**

- November
- Establishing a Robotics Program. American Association of Gynecologic Laparoscopists. Orlando, FL
  - Minimizing Complications in Robotic Surgery. American Association of Gynecologic Laparoscopists. Orlando, FL
- October
- Robotic Endometrial Cancer Staging: Cost Analysis. Society of Pelvic Surgeons. Nashville, TN
  - Cervical Cancer, An Update. ACOG Twenty-First Century Obstetrics & Gynecology Post-Graduate Course. Orlando, FL
  - Endometrial Cancer, An Update. ACOG Twenty-First Century Obstetrics & Gynecology Post-Graduate Course. Orlando, FL
  - Robotics in Gynecology. ACOG Twenty-First Century Obstetrics & Gynecology Post-Graduate Course. Orlando, FL
  - Minimizing Complications in Laparoscopy. ACOG Twenty-First Century Obstetrics & Gynecology Post-Graduate Course. Orlando, FL
  - Robotics in Gynecology Oncology. Society of Medical Innovative Technology. Sanaï, Romania
  - Robotic Assisted Endometrial Cancer Staging. European Society of Gynecologic Oncology. Belgrade, Serbia
- September
- Robotic Hysterectomy for the Large Uterus. Society of European Robotic Gynecology Surgeons. Milan, Italy
  - Transition from Laparotomy to Robotic Surgery in Gynecologic Oncology. Society of European Robotic Gynecology Surgeons. Milan, Italy
- June
- Robotic Applications in Gynecologic Oncology, WAGO/GOC Annual Meeting. Vancouver, BC. June 25, 2009.
  - Robotic Applications in Gynecologic Oncology, The Institute Mutualiste Montsouris. June 5, 2009. Paris, France.
  - Robotic Applications in Gynecologic Oncology, Cork University Maternity Hospital, Cork, Ireland. June 3, 2009. Cork, Ireland.
- May
- Robotic Radical Hysterectomy. World Robotic Gynecology Symposium. Chicago, IL.
  - Robotic Endometrial Staging. World Robotic Gynecology Symposium. Chicago, IL.
- April
- Robotic Applications in Gynecologic Oncology, New England Obstetrics & Gynecology Society Annual Meeting. April 22<sup>nd</sup>, 2009. Staffordshire, Massachusetts.

- February Robotic Endometrial Cancer Staging. Society of Gynecology Oncology Annual Meeting. San Antonio, TX.
- 2008**
- September Robotic Applications in Gynecologic Oncology, Robotic Symposium, University Hospitals Leuven, Leuven, Belgium.
- April Robotic Applications in Gynecologic Oncology. Czech Robotic Association, Na Holmoce Hospital. Prague, Czech Republic.
- March Robotic Assisted Endometrial Cancer Staging. International Video Workshop in Gynecologic Oncology: ESGO. Prague, Czech Republic.
- Robotic Assisted Radical Hysterectomy for Cervical Cancer. International Video Workshop in Gynecologic Oncology: ESGO. Prague, Czech Republic.
- Robotic Applications in Gynecologic Oncology. Czech Robotic Association, Prague, Czech Republic.
- Robotics, Computers & Medicine. ACOG Post-Graduate Course: 21<sup>st</sup> Century Obstetrics & Gynecology. Red Hill, Jamaica.
- Cervical Cancer, Now and in the Future. ACOG Post-Graduate Course: 21<sup>st</sup> Century Obstetrics & Gynecology. Red Hill, Jamaica.
- Laparoscopy: Preventing Complications. ACOG Post-Graduate Course: 21<sup>st</sup> Century Obstetrics & Gynecology. Red Hill, Jamaica.
- Endometrial Cancer: New Therapeutic Concepts. ACOG Post-Graduate Course: 21<sup>st</sup> Century Obstetrics & Gynecology. Red Hill, Jamaica.
- February Robotic Assisted Endometrial Cancer Staging: Single Docking Technique. Mayo Clinic World Gynecology Robotics Symposium. Scottsdale, AZ.
- January Robotic Surgery in Gynecologic Oncology, 3<sup>rd</sup> Annual Congress, Minimally Invasive Robotics Association. Rome, Italy.
- Robotics, Computers & Medicine. Cole Obstetrics & Gynecology Symposium. Baptist Hospital. Miami, FL.
- Cervical Cancer, Now and in the Future. Cole Obstetrics & Gynecology Symposium. Baptist Hospital. Miami, FL.
- 2007**
- November Robotic Assisted Radical Hysterectomy. International Gynecologic Oncology Robotics Symposium. Chapel Hill, NC.
- Robotic Assisted Endometrial Cancer Staging. International Gynecologic Oncology Robotics Symposium. Chapel Hill, NC.

Surgical Anatomy and Robotic Surgery. International Gynecologic Oncology Robotics Symposium. Chapel Hill, NC.

Robotic Applications in Gynecologic Oncology. Prague, Czech Republic.

Robotic Applications in Gynecologic Oncology. VCU. Amsterdam, Netherlands.

October  
**2006**  
October

Robotic Applications in Gynecologic Oncology. European Society of Gynecologic Oncology. Berlin, Germany.

Laparoscopic Lymphadenectomy. 92<sup>nd</sup> Annual Clinical Congress, American College of Surgeons. Chicago, IL.

**2005**

November

Laparoscopy in Gynecologic Oncology. CME Course: Advances in Gynecology and Pelvic Pain. University of North Carolina at Chapel Hill, Chapel Hill, NC.

October

Applications of Minimally Invasive Surgery in Gynecologic Oncology. Locke Symposium, Bowman Gray School of Medicine. Winston-Salem, NC.

HPV and Cervical Cancer. Locke Symposium, Bowman Gray School of Medicine. Winston-Salem, NC.

March

TLH vs. Vaginal Hysterectomy, Post Graduate Course, Society of Gynecology Oncology. Miami, Florida.

Flatening the learning curve of laparoscopy in gynecology oncology, Sunrise Session, Society of Gynecology Oncology, Miami, Florida.

Preparing for the oral oncology board exams, Candidates Seminar, Society of Gynecology Oncology, Miami, Florida.

**2004**

July

Endoscopy in Gynecologic Oncology, Southern Obstetric and Gynecologic Seminar, Asheville, NC.

April

HPV Testing, Southern Obstetric and Gynecologic Seminar, Asheville, NC.

The Diagnosis and Management of Women at High Risk for Ovarian Malignancy, North Carolina Obstetrical and Gynecological Society, Greensboro, NC.

February

Total Laparoscopic Hysterectomy in the Treatment of Endometrial Cancer, Post Graduate Course, Society of Gynecology Oncology. San Diego, California.

Laparoscopic Treatment of Endometrial Cancer, Updates on the Gynecologic Oncology Group, University of Virginia, Charlottesville, VA, 2-21-04.

**2003**

- December                   Laparoscopic Management of Adnexal Masses, Washington State Obstetrical Association, Seattle, WA.
- HPV Testing and Cervical Cancer Prevention, Washington State Obstetrical Association, Seattle, WA.
- October                    Laparoscopic Treatment of Endometrial Cancer, Plenary Talk, Mid-Atlantic Gynecology Oncology Society Meeting. Duke University, Durham, North Carolina.
- November                 Abdomino-pelvic Anatomy for Laparoscopic Surgeons. Minimally Invasive Gynecologic Surgeons Course, Washington, DC.
- Laparoscopic Management of Adnexal Masses. Minimally Invasive Gynecologic Surgeons Course, Washington, DC.
- 2002**
- October                   Laparoscopic Management of Endometrial Cancer. Robert A. Ross Society Meeting. Chapel Hill, NC.
- September               Pap Smears and HPV Testing, Ladies Luncheon Gynecologic Cancer Awareness Month. University of North Carolina.
- 2000**
- Laparoscopic Management of Adnexal Masses. Robert A. Ross Society Meeting. Chapel Hill, NC.
- 1999**
- October                   Screening for cervical pathology: The Pap smear vs. Thin Prep vs. Papnet; Who gets what when? Gynecologic Issues in Primary Care Practice Course. School of Medicine, University of North Carolina, Chapel Hill, NC.
- 1999**
- September               Diagnosis and Treatment of Ovarian Cancer, Association of North Carolina Cancer Registrars Annual Meeting, Raleigh North Carolina.
- April                       Molecular Biology of Cervical Cancer. John Robert Kernodle Memorial Lecture, North Carolina Cancer Research Symposium, Raleigh, North Carolina.

## **Grants**

### **Investments for the Future**

University of North Carolina, School of Medicine  
 Role: Primary Investigator, 20% effort  
 Amount: \$325,000  
 5/2007-2/2010

### **Jimmy V Foundation Cancer Grant**

Role: Co-Investigator, 20% effort  
 Amount: \$50,000  
 1/2004-12/2005

**Comprehensive Cancer Center Clinical/Translational Research Award**

University of North Carolina, Chapel Hill

Role: Co-Investigator, 20% effort

Amount: \$15,000

6/2003-12/2004

**UNC Junior Faculty Development Award**

University of North Carolina, Chapel Hill

Role: Co-Investigator

Amount: \$5,000

7/2002-6/2003

**Cancer Prevention and Control/Cancer Epidemiology Research Award, Lineberger Comprehensive Cancer Center**

University of North Carolina, Chapel Hill

Role: Primary Investigator, 20% effort

Amount: \$25,000

6/2001-12/2002

**2001 UNC/IBM Instructional Technology Developmental Grant**

University of North Carolina, Chapel Hill

Role: Primary Investigator, 100% effort

Amount: \$2,500

6/2001-6/2002

**ACOG/Cytoc Research Award for the Prevention of Cervical Cancer**

The American College of Obstetricians and Gynecologists, Washington, DC

Role: Co-Investigator, 20% effort

Amount: \$15,000

6/2000-6/2001

**ACOG/3M Pharmaceuticals Research Award in Lower Genital Infections**

The American College of Obstetricians and Gynecologists, Washington, DC

Role: Co-Investigator, 20% effort

Amount: \$15,000

6/2000-6/2001

**ACOG/Solvay Research Award for Menopause**

The American College of Obstetricians and Gynecologists, Washington, DC

Role: Co-Investigator, 20% effort

Amount: \$20,000

6/1999-6/2000

**Center For AIDS Research Developmental Award**

University of North Carolina, Chapel Hill

Role: Primary Investigator, 40% effort

Amount: \$20,000

7/1999-6/2000

### **ACOG/Cytoc Research Award for Cervical Cancer Screening**

The American College of Obstetricians and Gynecologists, Washington, DC

Role: Primary Investigator, effort 100%

Amount: \$15,000

6/1998-6/1999

### **American Cancer Society Research Fellowship**

University of North Carolina, Chapel Hill

Role: Fellow

Amount: \$5,000

7/1995-6/1996

## **Professional Service**

### **Administration**

#### ***University of North Carolina, Department of Obstetrics and Gynecology***

Clinical Program Reorganization, Division of Gynecologic Oncology, 2007

Chair's Advisory Committee, 2004-2007

Program Director, Gynecology Oncology Fellowship, University of North Carolina, 2004-present

Chair, Maximizing Reimbursement, 2001-2006

Director, Dysplasia Clinic, 2000-2004

Third-year Medical Student Clerkship Director, 1998-2001

#### ***University of North Carolina, Hospital***

Director, "CARES" Center (Computer and Robotic Enhanced Surgery Center), 2007-present

Emerging Technology Committee, 2007-present

Surgical Technology Subcommittee, 2004-present

Protocol Review Committee, Lineberger Comprehensive Cancer Center, 2001-present.

Advisory Board, Laparoscopic Institute of North Carolina, 2000-present

Peri-operative Pathways Committee, Jan. 1999-2000.

O.R. Surgeons Users Group, Jan. 1999-2000

Surgical Services Steering Committee, Aug. 1998-present.

Transfusion Medicine Committee, Aug. 1998-2001.

#### ***University of North Carolina, School of Medicine***

Director, Second Annual International Gynecologic Oncology Robotics Symposium, 2008.

Director, First Annual International Gynecologic Oncology Robotics Symposium, 2007.

Radiation Oncology Chair Search Committee, 2005-2006.

Student Promotions Committee,(alternate) 2000-2005.

Third and Fourth Year Course Directors Committee, 1998-2001.

### ***National***

Co-Director, Innovations in Surgery Post-Graduate Course, Society of Gynecologic Oncologists, 2008.

Media Relations Committee, Society of Gynecologic Oncologists, 2007-2008

Cervical Cancer Elimination Task Force, North Carolina General Assembly, Nov. 2004-Present

American Board of Obstetrics and Gynecology, Consultant to the Division of Gynecologic Oncology, 2003-present

Cancer Prevention and Control Committee, Gynecologic Oncology Group, Jan. 2000-2007

Developmental Therapeutics Committee, Gynecologic Oncology Group, Jan. 1999-2001.

### ***International***

Treasurer, Minimally Invasive Robotics Association, 2008.

Program Chair, Gynecology. 3<sup>rd</sup> Annual Congress, Minimally Invasive Robotics Association, Rome Italy, 2008.

Treasurer, Minimally Invasive Robotics Association, 2008-present

Executive Board Member, Minimally Invasive Robotics Association, 2007-present

### **Peer Reviewer**

Co-Editor, Journal of Robotic Surgery

Obstetrics and Gynecology

Gynecologic Oncology

American Journal of Obstetrics and Gynecology

### **Professional Societies**

American Association of Gynecology Laparoscopists

Minimally Invasive Robotics Association

American College of Obstetrics and Gynecology, Fellow

American Society of Clinical Oncology, Full Member

Society of Gynecologic Oncologists, Full Member

North Carolina Medical Society

Lineberger Comprehensive Cancer Center, Member Clinical Research Program

Center for Aids Research, University of North Carolina, Chapel Hill

Alpha Omega Alpha, Medical Honor Society

