

Lisa Beth Spiryda MD, PhD, FACOG

Home Address (Preferred)

3853 SW 91st Dr.
Gainesville, Florida 32608
Cell: 803-767-1183
Email: spiryda@yahoo.com

Work Address

University of Florida, College of Medicine
Department of OB/GYN, P.O. Box 100294
Gainesville, FL 32610

PLACE OF BIRTH: Hackensack, NJ

DATE OF BIRTH: May 12, 1968

EDUCATION

01/11 – present **Darla Moore School of Business, University of South Carolina, Columbia, SC**
Degree in process: MBA; completed 8 courses

07/90 – 05/00 **Mount Sinai School of Medicine, New York, NY**
Medical Scientist Training Program
MD May 2000
PhD May 1998, Major: Biomedical Sciences

09/86 – 05/90 **Barnard College of Columbia University, New York, NY**
BA May 1990, Major: Biochemistry

RESIDENCY/POSTGRADUATE TRAINING

06/00 – 06/04 **Resident and Clinical Fellow in Obstetrics, Gynecology, and Reproductive Biology**
Brigham and Women's and Massachusetts General Hospital's Integrated Residency Program in
Obstetrics and Gynecology, Harvard University, Boston, MA

PROFESSIONAL AND ACADEMIC POSITIONS

08/13 – present **Associate Professor**
Department of Obstetrics and Gynecology, University of Florida, College of Medicine, Gainesville, FL
Director, Colposcopy
Director, Vulva Disease
Director, Resident Research
Affiliate Associate Professor, Center for Women's Study and Gender Research, UF College Liberal Arts
Member, UF Health Cancer Center
Clinical Interests: Minimally Invasive Surgery, Da Vinci Robotic Surgery, Abnormal Pap tests and
Colposcopy, Vulvar Disease, Family-centered Obstetrics, Adolescent Gynecology
Research Interests: Translational research on Health Disparities in HPV acquisition, Cervical Dysplasia,
Obesity and Pregnancy, Health Disparities in Breastfeeding

09/07 - 07/13 **Assistant Professor**
Department of Obstetrics and Gynecology,
University of South Carolina School of Medicine, Columbia, SC
Director, Colposcopy
Director, Research Division
Director, Resident and Student Research

09/07 - 07/13 **Assistant Professor**, Palmetto Health Alliance Clinical Pathology, Microbiology and Immunology,
Department of Pathology, Microbiology and Immunology, University of South Carolina SOM
Faculty Affiliate, Women's Studies Program, University of South Carolina, Columbia, SC

- 07/04 – 07/07 **Attending**, Obstetrician and Gynecologist, Women' Care Center, Rhinebeck and Kingston, NY
- 06/00 – 06/04 **Brigham and Women's and Massachusetts General Hospitals of Harvard University**, Boston, MA
Resident/Clinical Fellow in Obstetrics, Gynecology, and Reproductive Biology
- 09/92 – 05/98 **Teaching Fellow**, Histology/Cell Biology, Microbiology, and Pathology
Mount Sinai School of Medicine, New York, NY

LEADERSHIP POSITIONS

- 07/14 – present **Director**, Vulva Disease
UF Health, Gainesville, Florida
- Established and organized clinic from inception
 - Individualized resident education
 - Major referral center for Vulva disease in North Central Florida
- 08/13 – present **Director**, Colposcopy
UF Health, Gainesville, Florida
- Re-structured colposcopy and LEEP clinics
 - Established program to improve patient follow-up
 - Individualized resident education
 - Major referral center for management of abnormal Pap tests in North Central Florida
- 03/14-present **Executive Committee Member**, MD/PhD program
University of Florida College of Medicine
- Establish future goals of program
 - Monitor student progress through program
 - Career advice and planning for graduates
 - Admission sub-committee - Interviewed and discussed potential applicants
- 08/13-present **Chair**, Resident Research
University of Florida, College of Medicine, Gainesville, FL
- Matched projects, preceptors, residents/students
 - Met with each Resident in our Residency Program (regardless of preceptor) to ensure adequate progress in their research project.
- 08/13-present **Chair**, Residency Clinical Competency Committee
University of Florida, College of Medicine
- Analyzed and led discussion on resident physician evaluations including 360 degree feedback from peer, patient and staff evaluations to ensure meeting ACGME milestones
- 08/13 – present **Principle Investigator**
Translational Research Studies on Health Disparities, HPV and Cervical Dysplasia
University of Florida, College of Medicine
- Direct and supervise Research Associate/Post-Doctoral Fellow, students on research projects and strategies in the laboratory
 - Implement and Develop budgets from external and internal funding sources
- 08/12 – 07/13 **Chair**, Interdisciplinary Conference on Pregnancy and the Health of Women and Children,
University of South Carolina
- Organized monthly meetings of clinicians and researchers across campus to develop research collaborations across disciplines

- 01/12 – 07/13 **Chair**, Research Division
 Department of Obstetrics and Gynecology, University of South Carolina, School of Medicine
- Developed/Maintained translational collaborative research projects between the Department of OB/GYN and other departments across campus
 - Mentored faculty on developing research projects
 - Co-Investigator, Site director for Phase III Clinical Trial (Sponsor: Natera, Inc.) Prenatal Non-invasive Aneuploidy Testing Utilizing SNPs Study (PreNATUS)
 - Developed and implemented budget
 - Trained genetic counselors, nurses and laboratory staff on implementation of study
- 01/10 – 07/13 **Director**, Resident and Student Research
 Department of Obstetrics and Gynecology, University of South Carolina, School of Medicine
- Matched projects, preceptors, residents/students
 - Met with each Resident in our Residency Program (regardless of preceptor) to ensure adequate progress in their research project. After taking over this position, all residents have completed project by designated deadline and majority presented work at either a local or national meeting
- 12/09 – 07/13 **Forum Chair**, Annual Carolina Women’s Health Research Forum
- Developed program and procured speakers for this interdisciplinary event on Women’s Health
 - Obtained CME accreditation for event
 - Increased breadth of attendance across disciplines to include law, business, clinical sciences, social sciences, basic sciences
 - Increased presentations to 100 poster posters
 - Procured funding from the March of Dimes
 - Managed Budget from external and internal funding sources
- 02/09 – 07/11 **Chair** of Sub-committees of Committee on Women
 University of South Carolina, School of Medicine
- Organized two Brown Bag lunches; Topics: (1) Advancement of Women in Science and Medicine (2) Juggling a Career with Family
- 05/08 – 07/13 **Director**, Colposcopy
 University of South Carolina, School of Medicine, Palmetto Health Women’s Center
- Reorganized clinic and improved follow-up of patients
- 09/07 – 07/13 **Principle Investigator**
 Translational Research on Health Disparities, HPV and Cervical Dysplasia
 University of South Carolina, School of Medicine
- Directed and supervised Research Associate, rotating students on research projects and strategies in the laboratory
 - Implemented and Managed budgets from external and internal funding sources

HOSPITAL AFFILIATIONS

07/13 – present University of Florida Health, Gainesville, FL

BOARD CERTIFICATION

11/05 – present American Board of Obstetrics and Gynecology (MOC 2011, 2012, 2013, 2014)

MEDICAL LICENSURE

Florida, South Carolina

AWARDS

- February 2015 Customer Service Key Award, University of Florida Health
- November 2014 Carolina Women's Health Research Forum, Best Student Submission
Anna L. Handley, M.P.H, Gwynne MJ, Brown SL, Spiryda LB (Mentor)
Knowledge and Attitudes of University of South Carolina Undergraduate Students Regarding Risk Factors and Vaccination for Human Papillomavirus (HPV)
- June 2014 Certificate of Recognition
Participation and Achievement in Medical Student Education for 2013 – 2014
UF College of Medicine
- April 2014 The George C. Trombetta, MD Teaching Award (2014 Biennial Meeting ASCCP
Mentor: LB Spiryda
Medical Students: Anna Handley (M Gwynne)
Outcomes of the Cervix Project: Increasing Knowledge, Attitudes, and Practices of University of South Carolina Undergraduates Regarding HPV, Screening for HPV, and Vaccination against HPV
- November 2011 2011 Carolina Women's Health Research Forum, Best Clinical Submission
Messersmith AR, Banister CE, Spiryda LB, Glover SH, Pirisi L, Creek KE.
Increased Risk of Persistent Human Papillomavirus Infection and Abnormal Pap Tests in African American Compared to European American Women in a College-Age Cohort

APPOINTED COMMITTEES/ELECTED POSITIONS

- 03/14-present Appointed Member, Surgical Site Infection Committee, University of Florida Health
- 08/14-present **Elected Member**, General Education Committee, University of Florida
- 03/14-present **Appointed Committee Member**, Program and Education Committee, Subcommittee on Education Initiative, American Society of Colposcopy and Cervical Pathology
- 02/14-present **Director**, Journal Club, Department OB/GYN, UF-COM
- 03/14-present **Executive Committee Member**, MD/PhD program, University of Florida COM
- 08/13-present **Chair**, Resident Research Committee, University of Florida, College of Medicine, Gainesville
- 08/13-present **Chair**, Residency Clinical Competency Committee, University of Florida, College of Medicine,
- 12/12-02/14 **Appointed Committee Member**, Education Committee, American Society of Colposcopy and Cervical Pathology
- 12/12 07/13 **Selected Member**, Innovative Healthcare Technology SOM Committee, USC-SOM
- 08/12-07/13 **Chair**, Interdisciplinary Conference on Pregnancy and the Health of Women and Children, USC
- 08/12-07/13 **Appointed Member**, Steering Committee for Associate Dean of Basic Science, USC-SOM
- 08/12-07/13 **Elected Member**, Faculty Representation Committee, USC-SOM
- 08/12-07/13 **Elected Member**, Information Technology Committee, USC-SOM
- 02/12-07/13 **Appointed Member**, SOM Space Utilization Committee, USC-School of Medicine
- 12/11-07/13 **Appointed Member**, Women in Science and Medicine Committee, USC-School of Medicine
- 05/11 **Appointed Member**, ACOG Task Force, Women and Alcohol Use
- 05/10-07/13 **Appointed Member**, Compliance Committee, Palmetto Health
- 10/10-07/13 **Appointed Board Member**, Educational Trust Board, USC-SOM
- 09/10-07/13 **Chair**, Women in Science and Medicine Committee, USC-School of Medicine
- 05/10-07/13 **Appointed Member**, Palmetto Health Hospital Institutional Review Board
- 12/09-07/13 **Chair**, Annual Carolina Women's Health Research Forum
- 07/09-06/12 **Elected Member**, Grade Change Committee, USC-School of Medicine
- 07/09-08/09 **Research Mentor**, EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer & HIV Undergraduate Summer Research Program
- 09/08-07/13 **Appointed Member**, South Carolina Cancer Alliance, Cervical Cancer Subcommittee

08/08-07/13 **Appointed Member**, Carolina Student Judicial Council, University of South Carolina
07/08-07/13 **Elected Member**, Committee on Women, University of South Carolina SOM
07/08-07/13 **Faculty Advisor**, Faculty/Student advisor teams, University of South Carolina SOM
07/08-08/08 **Research Mentor**, EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer & HIV Undergraduate Summer Research Program
07/08 **Appointed member**, Subcommittee on Credentialing, Dept. of OB/GYN, PH-Richland Hospital
03/08 **Chair**, Scientific Committee, Dept. of OB/GYN Resident Symposium, USC- SOM
03/08 **HPV Expert Review Panel**, University of South Carolina, School of Public Health
01/08-07/13 **Re-credentialing Physician**, served to re-credential board-certified OB/GYN in surgery
01/08-07/13 **Chair**, OB/GYN Research Committee, Dept. of OB/GYN, University of South Carolina, SOM
11/07-07/13 **Faculty Associate**, Office of Academic Integrity, University of South Carolina
11/05-07/07 **Appointed Member**, Performance Improvement Committee, Northern Dutchess Hospital,
11/03-06/04 **Appointed Member**, Partners Education Committee, MGH and BWH, Boston, MA
09/02-06/04 **Appointed Member**, Communications Improvements Team, Brigham and Women's Hospital
09/00-06/04 **Elected Member**, BWH Education Committee Brigham and Women's Hospital
01/03 - 06/04 **Co-Chair**, Research/Mentor Committee, BWH/MGH OB/GYN Residency Program

JOURNAL EDITORIAL BOARD

02/2015 – present Associate Editor, Surgical Research – Open Journal
10/2014 – present Editorial Board Member, Surgical Research – Open Journal

JOURNAL REVIEWER

2014 Journal Women's Health
2013, 2014 Journal of Pediatric and Adolescent Gynecology
2013 Journal of Women's Health, Issues & Care
2013 American Urologic Association, Evidence Based Journal Club

ABSTRACT REVIEWER

2013 2014 Biennial Meeting, American Society of Colposcopy and Cervical Pathology

GRANT REVIEWER

2013 American Cancer Society, Supporting Outstanding Academic Research Seed Grants at USC, Columbia, SC
2013 Shota Rustaveli National Science Foundation, Tbilisi, Georgia (Country)

CONSULTING

2014-present Inovio Pharmaceuticals, HPV Treatment Vaccines
Evaluation of Phase II Clinical Trial

MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS

Fellow, American College of Obstetrics and Gynecology
Member, American Association of Gynecologic Laparoscopists
Member, Association of Professors of Gynecology and Obstetrics
Member, American Society for Colposcopy and Cervical Pathology
Member, International Papillomavirus Society
Member, Alachua County Medical Society

CLINICAL SHADOWING/MENTORING

AY2007-2008 Yi Chin, MD, PhD, Pediatrician from China
Mentored in Physical Examination Skills for Step 2 Exam
AY2008-2009 Wendy Hartshorne, MD, Board Certified Obstetrician and Gynecologist
Served as a Re-credentialing Physician
Supervised and mentored in operating room, clinic and labor floor
AY2012-2013 Binyue Chang MD, PhD, Completed Medical Degree in China
AY2013-2015 Jennifer Kidd, MD-MPH candidate at UF

GRAND ROUNDS (CME)

- 2001 *“Tamoxifen, Gynecologic Pathology and the General Gynecologist”* Obstetrics and Gynecology Grand Rounds, Brigham and Women’s Hospital, Boston, MA
- 2002 *“Uterine Artery Embolization: Benefits, Risks and Cost Analysis for Uterine Fibroid Treatment”* Grand Rounds, North Shore Hospital, Salem, MA
- 2003 *“Uterine Artery Embolization: Benefits, Risks and Cost Analysis for Uterine Fibroid Treatment”* Grand Rounds, Brigham and Women’s Hospital, Boston, MA
- 2004 *“Triplets: Analyzing the Management of postpartum Hemorrhage”*, Multidisciplinary Obstetric Rounds, Brigham and Women’s Hospital, Boston, MA
- 2004 *“Three Cases of Placenta Acreata: Management and Long term Outcomes”* Multidisciplinary Obstetric Rounds, Brigham and Women’s Hospital, Boston, MA
- 2012 *“Management of Abnormal Pap test Results” BlueCross BlueShield of South Carolina*, CNE by SC Nurses Association, Columbia, SC
- 2012 *“2012 Updates in Pap test Screening: An Evidence and Case Based Approach”* Family Medicine, USC Grand Rounds, Columbia, SC
- 2012 *“Cervical Cancer Screening Guidelines in Special Populations and LAST guidelines: Evidence and Case Based Approach”*, Grand rounds Department of OB/GYN, USC (CME 1 credit) 2012
- 2012 *“A Case Based Approach to Cervical Cancer Screening: Examining the Evidence”* Internal medicine, USC Grand Rounds (1 CME) Columbia, SC
- 2013 *“Cervical Cancer Screening Guidelines in Special Populations and LAST guidelines: Evidence and Case Based Approach”*, Grand Rounds, Department of OB/GYN, University of Florida, Gainesville, FL
- 2014 *“Identifying Molecular Biomarkers in Cervical Dysplasia and Cervical Cancer”* Reproductive and Perinatal Biology Research Group, University of Florida, Gainesville, FL February 2014
- 2014 *“Strategies for Implementation of Newest Cervical Cancer Screening Guidelines: A Case Based Approach”* UF OB/GYN Alumni Weekend CME course, Gainesville, FL June 2014
- 2014 *“Strategies for Implementation of Newest Cervical Cancer Screening Guidelines: A Case Based Approach”* UF Family Practice Lecture Series (CME) Gainesville, FL Oct 2014

GRADUATE AND UNDERGRADUATE COURSES, GUEST LECTURERS

- 2010 *“Deciphering the Myths of prenatal care, labor and delivery: Perspectives from an OB/GYN”* Culture, Pregnancy and Birth, Departments of Anthropology and Women’s Studies, USC, Columbia, SC
- 2011 *“Cervical Cancer Screening and Management of Abnormal Pap test results: A Case Based Approach”* Family Medicine Lecture, USC-SOM Columbia, SC
- 2012 *“Epidemiology of Cervical Cancer, HPV, and other HPV-related diseases”* Reproductive and Perinatal Epidemiology, Department of Epidemiology and Biostatistics, USC Columbia, SC
- 2012 *“Deciphering the Myths of prenatal care, labor and delivery: Perspectives from an OB/GYN”* Culture, Pregnancy and Birth, Departments of Anthropology and Women’s Studies, USC, Columbia, SC
- 2013 *“Clinical Correlates to Female Genital Tract Pathology”* Guest Lecturer, Pathophysiology Course (PharmD students), Presbyterian College, School of Pharmacy. Clinton, SC

SEMINARS

- 2004 “Diagnosis and Management of Graft versus Host Disease of the Vulva and Vagina” Resident Research Day, Brigham and Women’s and Massachusetts General Hospitals, Boston, MA
- 2006 “Managing Perimenopause and Menopause: Is Hormone Replacement Necessary?” Community Outreach Program, Kingston Hospital, Kingston, NY
- 2007 “Graft versus Host Disease of the Vulva and Vagina” Department of Obstetrics and Gynecology, University of South Carolina School of Medicine, Columbia, SC
- 2008 “Vaginal Birth after Cesarean Section: Safety and Success” Annual Conference: Do Pregnant Women Have Rights? BOLD about BIRTH Forum, Columbia, SC
- 2009 “HPV DNA Testing in Women over Thirty”, Medical Advisory Board, Florence, SC
- 2010 “Gynecologic Cancers: Updates in Screening and Prevention”, Keynote speaker, Building a Healthier Work Place, Prevention Partners, SC Budget and Control Board, Columbia, SC
- 2011 “Understanding How Molecular Biomarkers can be utilized in cervical cancer screening” Invited Speaker, Interdisciplinary Conference on Pregnancy and the Health of Women and Children, Columbia, SC
- 2012 “*Pap Test Screening in Special Populations: Potential Role for Molecular Biomarkers.*” Annual Meeting for the South Carolina OB/GYN Society, Asheville, NC
- 2013 “*Origins of Colposcopy and Auschwitz Concentration Camps*” Multidisciplinary Colposcopy Conference, USC-SOM, Columbia, SC

PANAL DISCUSSANT

- 2009 “*Women’s Health Research and Mentoring*”, Annual Carolina Women’s Health Research Forum, Columbia, SC
- 2010 “*Navigating Real or Perceived Gender Issues in Science Careers*” USC, School of Medicine, Columbia, SC
- 2013 “*Research at Palmetto Health and Beyond*” Resident Research Day, Palmetto Health Richland, Columbia, SC

RADIO INTERVIEW

- 2010 “*Cervical Cancer Screening and Prevention in South Carolina*”, Interview on South Carolina Radio Network, Columbia, SC

COMMUNITY SERVICE

1. Participated in Community Outreach Program, Kingston Hospital, Kingston, NY (2006)
 - i. Managing Perimenopause and Menopause: Is Hormone Replacement Necessary?
 - ii. Understanding the Findings of the Women’s Health Initiative Study
2. Empowering Women during Pregnancy and Labor, as part of Bold About Birth (2008)
3. Radio Interview, South Carolina Radio Network, Encouraging Cervical Cancer Screening and Prevention in South Carolina (2010)
4. Encouraging Professional Career Paths in girls, Junior Girl Scout Troop based in Northeast Columbia (2012)
5. Cervix project, Faculty Advisor to MSII: A. Handley, M. Gwynne, Annual Event through USC-SOM to raise awareness about HPV and Cervical Cancer (2012)
 - i. Directed in conjunction with Thompsons Student Health Center promoting October as HPV vaccination month
 - ii. Targeted at USC students (males and females)

THESIS COMMITTEES

Undergraduate – Honors College

1. Katie Lewis (2010)
USC Honors College, **Thesis Advisor: Lisa Beth Spiryda MD, PhD**
Project Title: Association of STI and Abnormal Pap tests
2. Lynn Boyd (2013)
USC Honors College, Thesis Advisor: Heather Brandt PhD
Project Title: Increasing Awareness and Knowledge of Gynecologic Cancers among College-Aged Women

Masters Committees

1. Heather Ranhofer (2009)
USC-SOM, Biomedical Sciences, Thesis Advisor: Kim E. Creek, PhD
Project Title: HPV E7 expression in Pap smear samples from the Carolina Women's Care Studies
2. Elizabeth Cilia (2011)
USC-SOM, Biomedical Sciences, Thesis Advisor: Holly Lavoie, PhD
Project Title: A Review to Critique the Literature on PCOS Origins

PhD Committees

1. Mikhail Simin (2012)
Computer Science, College of Engineering and Computing, USC
Project Title: REDCRAFT: Protein Structure Determination from Residual Dipolar Couplings
2. Kara Goodrich, MPH (2013 – 07/13)
Exercise Science, Arnold School of Public Health, USC

RESEARCH MENTORING

High School

Summer 2014 Rachel Levy, UF Student Science Training Program
Project Title: Molecular Markers Involved with HPV, Cervical Dysplasia and Cervical Cancer

Undergraduate

Summer 2008 Mary Brown USC-Aiken
EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer & HIV
Undergraduate Summer Research Program (Grant 5P20MD001770 National Center on Minority Health and Health Disparities)
Project Title: The Human Papillomavirus (HPV) and You: Assessing risk factors for developing cervical intraepithelial neoplasia

AY2008-2010 Katherine Lewis, Honors College, University of South Carolina
Senior Honor College Thesis Project
Project Title: Lifestyle risk factors that influence cervical dysplasia

AY2010-2011 Stacy Wilson, University of South Carolina
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer

Summer 2012 Shameka Carter, Morris College
Collaborative mentoring Program between USC and Morris College
Project Title: Abnormal Pap Tests During Pregnancy: Outcomes after Colposcopy and Delivery

PhD Students

- AY 2011 Kara Goodrich, USC
Exercise Science Department, Behavioral and Biomedical Interface Program
Basic Science Rotation for program
Project Title: Biomarkers and HPV, HPV in Oral Cavity
- AY2011-2012 Maria Hosseinipour, USC
Pathology, Microbiology, and Immunology
Project Title: Pregnancy outcomes after cervical biopsies, HPV and menopause

Nursing Students

- Summer 2009 Alexis Banner, University of South Carolina, School of Nursing
EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer & HIV
Undergraduate Summer Research Program (Grant 5P20MD001770 National Center on Minority Health and Health Disparities)
Project Title: Molecular Biomarkers Determining Cervical Dysplasia
- AY2010-2012 Elizabeth Crockett, USC undergrad – College of Nursing
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)
- AY2011-2012 Jennifer O'Rourke, USC undergrad – College of Nursing
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)
- AY2011-2013 Lauren Taylor, USC undergrad-Midlands tech nursing
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)
- AY 2012- 2013 Rebecca Qiu, USC undergrad – College of Nursing
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)
- AY2012-2013 Meredith Carr, USC undergrad – College of Nursing
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)

Medical Students

- AY2008-2010 Jill Braddy (McLeod), USC-SOM
Project Title: Elucidating Risk Factors for Developing CIN after an ASCUS PAP
- AY2009-2010 Mary Carol Jennings, USC-SOM
Project Title: Pap tests after hysterectomy in HIV positive women
- AY2009-2010 Tamara Beam, USC-SOM
Project Title: Medical versus Surgical Management of Gall Bladder Disorders during Pregnancy
- Summer 2011 Katherine Lewis, USC-SOM
Project Title: Clinical Significance of a Normal PAP test that tests positive for High Risk HPV
- Summer 2011 Sheena Hangen (Lyons), USC-SOM

Project Title: HPV Type Distribution in African American and Hispanic Women in South Carolina

- AY2011 Ashlee Justice, USC-SOM
Project Title: Clinical Significance of a Normal PAP test that tests positive for High Risk HPV
- Summer 2012 Mackenzie Gwynne, USC-SOM
Project Title: Role of Cytokines in HPV and Cervical Dysplasia
- Summer 2012 Joey Cao, USC-SOM
Project Title: Patient Attitudes and Barriers to Breastfeeding in a Clinic Population, Preferred Route of Hysterectomy at Palmetto Health Richland Hospital in Columbia, SC
- Summer 2012 Annemarie Verdin, USC-SOM
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)
- Summer 2012 Donna Phu, USC-SOM
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)
- Summer 2012 Nzinga Robertson, USC-SOM
Project Title: Characterization of Biomarkers in HPV-Mediated Cervical Dysplasia and Cervical Cancer (involved with informed consent of patients)
- AY2012-present Anna Handley and Mackenzie Gwynne, USC-SOM
Project Title: College Students and Knowledge about HPV, STDs
- AY2014-present Jason Schneider – UF COM, MSRP Scholarship
Project title: Assessing role of maternal weight gain and obesity in neonatal outcomes
- AY2014-present Sofia Gabrilovich – UF COM
Project Title: Hepatitis C and Pregnancy

Residents

- AY2008-2009 Shanna Holcomb, MD
Project Title: Elucidating Risk Factors for Developing CIN after an ASCUS PAP
- AY2009-2010 Elizabeth Boggs, MD
Project Title: Clinical Significance of Keratinizing Squamous Dysplasia on PAP
- AY2010 Karen Valdes, MD
Project Title: Understanding Factors that influence follow-up after abnormal PAP
- AY2010-2011 Susan Oakley, MD
Project Title: Timing of HIV detection and pregnancy outcomes
- AY2010-2013 Matthew Lenhard, MD
Project Title: Patient Attitudes and Barriers to Breastfeeding in a Clinic Population
- AY2010-2013 Jaime Brown, MD
Project Title: Abnormal cervical cytology in Adolescents, is our population consistent with national data? A data collection and retrospective chart review. (Burgis/Spiryda)

AY2010-2013	Jill Mcleod, MD Project Title: Preferred Route of Hysterectomy at Palmetto Health Richland Hospital in Columbia, SC
AY2011-2013	Rebecca Poole-Ward, MD Project Title: Barriers to Contraception and Usage in Women with Short-Interval Pregnancies
AY2011-2013	Erin WilkeyMD Project Title: A 3 year Experience of Cesarean Delivery in Class III Obese Women at Palmetto Health Richland (co-mentors: Sims/Spiryda)
AY2014-present	Amanda Kane MD Project title: Emergency Contraception (Plan B); where are we now? Knowledge base, misconceptions, and practice behaviors of students, trainees, and providers
AY2014-present	Jessica Greer MD Project title: Relationship between HPV, abnormal Pap tests and Preeclampsia
AY2014-present	Jordan Preiss MD Project Title: Patient safety project: Enhancing patient follow-up after colposcopy, generating a new patient list depository

RESEARCH SUPPORT

Current

07/1/2011-06/30/2015 National Institutes of Health/NCI/Center to Reduce Cancer Health Disparities, Division of Cancer Biology 1R21CA153139-01A1
Project Title: Understanding health disparities in cervical dysplasia and cancer through the identification of novel biomarkers, SIX1 and EGFR
Total Direct Costs: \$275,000
Role: PI

Submitted – Under Review

Feb 2015 NIH Investigator Initiated (R01)
Project Title: Health Disparities in HPV-mediated cancers: Cellular Adhesion and Immunomodulation and in a Cervical Cancer model
Total Direct Costs: \$ 1,250,000
Role: PI

Completed

07/01/2013-01/31/2015 American College of Obstetricians and Gynecologists/Hologic Research Fellowship in Cervical Cancer Detection.
Project Title: Developing a Molecular Profile that Predicts Cervical Dysplasia and Cervical Cancer
Total Direct Costs: \$20,000
Role: PI

11/13/13-07/15/13 Prenatal Non-invasive Aneuploidy Testing Utilizing SNPs Study (PreNATUS) (18110-JA02), Sponsor: Natera, Inc. (Phase III Clinical Trial)
Total Requested: \$137,684
Role: Co-Investigator

01/01/2013-12/30/2014	<p>SPARC Proposal 2012, Presbyterian College Project Title: Significance of HPV16 integration in HPV-mediated cervical lesions Role: Co-investigator/Mentor</p>
07/1/2010-06/30/2013	<p>National Institutes of Health/National Center on Minority Health/ Health Disparities, 2P20 MD001770-06 Project Title: Coordinating Center of Excellence in Social Promotion of Health Equity Research, Center for Partnerships to Eliminate Health Disparities in Cancer & HIV (PI: Glover, Bullard-Dillard and Creek) Total Direct Costs: \$4,933,029 Role: Co-Investigator</p>
11/1/2011-10/31/2013	<p>South Carolina Clinical & Translational Research (SCTR) Institute, Discovery Pilot Project, Medical University of South Carolina CTSA, NIH/NCRR, UL1RR029882 Project Title: Racial Differences in HPV Type Associated with Cervical Cancer and Biomarkers of HPV Persistence (PI J. Young) Direct Costs: \$50,000 Role: Co-Investigator</p>
07/01/2013-12/31/2013	<p>South Carolina March of Dimes, Community Award 2013 Carolina Women's Health Research Forum Total Direct Costs: \$3000.00 Role: PI (transferred to Chair of OB/GYN at USC)</p>
07/1/2011–06/30/2013	<p>University of South Carolina, School of Medicine, Research Development Fund, Innovative and Exploratory Grant Program (IEGP) Project Title: Biomarkers, Cytokines involved in Abnormal Pap Tests Total Direct Costs: \$15,000 Role: PI</p>
08/01/2012-07/31/2013	<p>Eunice Kennedy Shriver/National Institute of Child Health & Human Development (NICHD)/NIH (R03) Project Title: Role of STARD6 in Ovarian Steroidogenesis (PI: Lavoie) Direct Costs: \$68,000 Role: Clinical PI</p>
05/16/2012-05/15/2012	<p>Clinical Incentive Grant, USC, Office of the Provost Project Title: A Novel Method for HPV Screening in the Oral Cavity Direct Costs: \$15,000 Role: PI</p>
05/16/2011–05/15/2013	<p>Clinical Incentive Grant, SC, Office of the Provost Project Title: The Role of Periodontal Organisms in Adverse Pregnancy Outcomes. Direct Costs: \$10,377 Role: Co-PI</p>
11/1/2012-12/31/2012	<p>South Carolina March of Dimes, Community Award 2012 Carolina Women's Health Research Forum Total Direct Costs: \$3000.00 Role: PI</p>
10/1/2011-12/31/2011	<p>South Carolina March of Dimes, Community Award</p>

2011 Carolina Women's Health Research Forum
Total Direct Costs: \$3000.00
Role: Co-PI

05/1/2010-04/30/2011

South Carolina March of Dimes, Community Award
2010 Carolina Women's Health Research Forum
Total Direct Costs: \$500.00
Role: Co-PI

09/16/2007 –09/15/ 2010

Centenary Plan
University of South Carolina
Project Title: Understanding and identifying potential biomarkers involved with HPV-mediated cervical dysplasia and cervical cancer.
Total Direct Costs: \$115,000
Role: PI

PUBLICATIONS

Original Research Articles

1. **Spiryda, LB**. Do you know Mary? A story of Anorexia Nervosa and Bulimia. *Barnard College Health Bulletin* 1989:1(1):2-3.
2. Beach MC, Morley J, **Spiryda L**, Weinstock SB. Effects of liposome encapsulated hemoglobin on the reticuloendothelial system. *Biomater Artif Cells Immobilization Biotechnol* 1992:20(2-4):771-6.
3. **Spiryda LB** and Colman DR. Protein zero, a myelin IgCAM, induces physiologically operative tight junctions in nonadhesive carcinoma cells. *J Neuro Res* 1998:54(2):282-8.
4. **Spiryda LB** and Colman DR. Suppression of tumorigenicity in an aggressive cervical carcinoma induced by protein zero, a nervous system IgCAM. *J Cell Sci* 1998:111(Pt 22):3253-60.
5. **Spiryda LB**. Induction of epithelialization and suppression of tumorigenicity in an aggressive carcinoma by protein zero, a nervous system IgCAM. *Doctoral Dissertation MSSM UMI 5:1998*.
6. Norwitz ER. Xu S. Xu J. **Spiryda LB**. Park JS. Jeong KH. McGee EA. Kaiser UB. Direct binding of AP-1 (Fos/Jun) proteins to a SMAD binding element facilitates both gonadotropin-releasing hormone (GnRH) - and activin-mediated transcriptional activation of the mouse GnRH receptor gene. *J Biol Chem.* 2002:277:37469-78.
7. **Spiryda LB**, Laufer MR, Soiffer RJ, and Antin JA. Graft-Versus Host Disease of the Vulva and Vagina: Diagnosis and Treatment. *Biology of Blood and Marrow Transplantation* 2003 9(12):760-6.
8. **Spiryda LB**, Fuller AF and Goodman A. Aggressive Locally Recurrent Vulva Cancer: review of cases presented to Massachusetts General Hospital 1990 to present. *Internl JI of Gyneologic Oncology* 2005:15(5):884-9.
9. **Spiryda LB**, Brown M, Creek KE, and Pirisi L. HSIL PAP test and risk factors predicting acquisition of CIN 2/3 on colposcopy-directed biopsies. *J SCMA* 2009:105(7):281-9.
10. Wigfall L, Rawls A, Sebastian N, Messersmith A, Pirisi-Creek L, **Spiryda L**, Williams EM, Creek K, Glover S. HPV high risk and protective behaviors: The effects of religious affiliation. *Journal of Religion and Health* 2011 Jan: 1-12.
11. Boggs, EW, Burgis, JT, and **Spiryda, LB**. Keratinizing squamous dysplasia Pap test: A case for colposcopy. *Journal of Lower Genital Tract Disease* 2012 16(1):30-3.
12. Banister CE, Messersmith AR, Chakroborty H, Wang Y, Spiryda LB, Glover SH, Pirisi L, Creek KE. HPV prevalence at enrollment and baseline results from the Carolina Women's Care Study, a longitudinal study of HPV persistence in college-age women. *International J Women's Health* 2013 5:379-88
13. Lenhard M, Zhang HM, Cao J, and **Spiryda LB**. Factors Influencing the Decision to Breastfeed by Mothers in a Southern Women's Health Clinic. *Journal Women's Health, Issues & Care.* 2014; 3:4
14. Banister C, Messersmith AR, **Spiryda LB**, Glover S, Pirisi L, Creek KE. Increased risk of persistent human papillomavirus infection and abnormal Pap tests in African American compared to European American women in a college-age cohort. *Journal of Infectious Disease.* 2015 Jan 1;211(1):100-8
15. Emery J, Marcus BJ, and **Spiryda LB**. Sarcoidosis of the cervix: an unusual case presentation. *J of Genital System & Disorders* 2014; 3:2
16. McLeod JB, Cao, J, **Spiryda LB**. Introduction of Laparoscopic Hysterectomy Approach: Decreasing the Abdominal Hysterectomy Approach or Replacing Vaginal Hysterectomy. *Submitted 03/2015 Surgical Research.*

Peer Reviewed Book Chapters, Review Articles

1. **Spiryda LB**. Myelin protein zero and membrane adhesion. *J Neurosci Res* 1998 Oct 15;54(2):137-46.
2. **Spiryda LB**. Myelin Protein zero in *Encyclopedia of Molecular Medicine*, Ed. Creighton John Wiley & Sons, New York, NY Oct 2002.
3. **Spiryda LB**, Altman, A, Ginsberg, E. In *Vitro Fertilization, Stem Cells, Cloning and the Future of Assisted Reproductive Technology. Diagnosis and Management of Ovarian Disorders*. Eds. Altchek, Deligdisch, Kase 2003.
4. **Spiryda LB**, Brown J, Zhang HM, and Burgis JT. Delaying Pap test screening in the adolescent population: An evidenced based approach. *J Pediatr Adolesc Gynecol*. 2014; 27(1):3-5.
5. Mann J, Deroche CB, **Spiryda LB**, McDermott S. Is Pre-pregnancy weight a risk factor for intellectual disability? *Expert Rev Obstetrics Gynecology* 2013 8(3), 197–199
6. Byun SY and **Spiryda LB**. Methodological Review of” Visco A et al. Anticholinergic Therapy vs. OnabotulinumtoxinA for Urgency Urinary Incontinence. *N Engl J Med* 2012”
Evidence-Based Journal Club (EBJC), AUA published online Fall 2013
7. Maxwell WD, Jacob M, **Spiryda LB**, and Bennett CL. Evidence-based selection of contraceptive therapy for patients with thrombophilia. *J Womens Health (Larchmt)*. 2014 23(4):318-26. Epub 2014 Feb 19.

Manuscripts In Preparation

1. **Spiryda LB**, Goodrich K, Banister C, Messersmith AM, Creek KE, and Pirisi-Creek L. Molecular Biomarkers, HPV, Cervical Dysplasia in the Adolescent Population. *In final preparation to be submitted to JLGT*
2. Lauer JK and **Spiryda LB**. Management of Vaginal and Vulvar Lesions in the Older Woman. Springer (online and print) *Handbook of Gynecology*. (Submission due July 2015)
3. Lau TV and **Spiryda LB**. Diagnosis and Management of Postmenopausal Bleeding. Springer (online and print) *Handbook of Gynecology*. (Submission due July 2015)
4. Seo SJ, Rawlinson D, Creek KE, Pirisi LA, **Spiryda LB**. Clinical Risk Factors and Cervical Dysplasia in a Racially Diverse Population *Final preparation*
5. **Spiryda LB**, Messersmith AR, Banister C, Glover S, Creek KE, and Pirisi LA. Multiple Infections with HPV and Cervical Cytology and Pathology. *Final Preparation*
6. Gwynne M, Handley A, Brown S, and **Spiryda LB**. Outcomes of the Cervix Project: Measuring USC Undergraduates knowledge, attitudes, and practices towards human papillomavirus infection and vaccination. *Final preparation for submission to J Lower Genital Tract Disease*.

Peer Reviewed Abstracts

1. **Spiryda LB** and Colman, DR. Protein zero induces development of epithelial phenotype in a carcinoma cell line. *Molecular Biology of the Cell* 1996: Vol 7 (Supplement).
2. **Spiryda LB** and Colman DR. Induction of epithelial transformation of a carcinoma cell line by neural cadherin. *Abstracts for Society for Neuroscience Annual Meeting (1997): Vol 23, Pt 1*.

3. Park JS, Jeong KH, Xu S, **Spiryda LB**, Kaiser UB, and Norwitz ER. Characterization of the AP-1 (FOS/JUN) complexes in the bipartite GnRH-response element of the mouse GnRH receptor gene promoter. Abstracts of Society of Gynecologic Investigators Annual Meeting (2003)
4. **Spiryda LB** and Goodman A. Locally Recurrent Vulva Cancer: Risk Factors Leading to High Rates of Morbidity and Mortality. New England Association of Gynecology Oncology Annual Meeting (2003).
5. Koon EC, Ma PA, Salgia R, **Spiryda LB**, Welch WR, Muto, MG, Berkowitz RS, and Mok SC Targeting Activated C-met as a Potential Therapeutic Modality in Human Ovarian Carcinomas. Abstracts of New England Association of Gynecology Oncology Annual Meeting (2003).
6. Koon EC, Ma PA, Salgia R, **Spiryda LB**, Welch WR, Muto, MG, Berkowitz RS, and Mok SC Targeting Activated C-met as a Potential Therapeutic Modality in Human Ovarian Carcinomas. Abstracts of Thirty Fifth Annual meeting of Society of Gynecologic Oncologists (2004).
7. **Spiryda LB**, Fuller AF and Goodman A. Aggressive Locally Recurrent Vulva Cancer: Review of cases presented to Massachusetts General Hospital 1990 to present. Abstracts of Thirty Fifth Annual meeting of Society of Gynecologic Oncologists (2004).
8. Banister CE, Messersmith A, Altomare D, Kowli S, **Spiryda LB**, Pirisi L, and Creek, KE. Human Papillomavirus (HPV) Distribution and Persistence in the Carolina Women's Care Study at the University of South Carolina. Abstracts for the Second Annual Carolina Women's Health Research Forum (2008).
9. Brown M and **Spiryda LB**. HPV and You: Risk Factors Associated with Severe Cervical Dysplasia. Abstracts for the 2nd Annual Carolina Women's Health Research Forum. (2008).
10. Banister CE, Messersmith A, Altomare D, **Spiryda LB**, Alexander AM, Pirisi L, and Creek K. Human Papillomavirus Detection and Typing in Pap Test Samples Using the INNO-LIPA HPV Genotyping Kit in Comparison with Direct DNA Sequencing. Abstracts of Twenty-Fifth Annual Clinical Virology Symposium. (2009).
11. Banister CE, Messersmith A, Altomare D, Steele J, **Spiryda LB**, Pirisi L, and Creek KE. The Carolina Women's Care Study: Human Papillomavirus Prevalence and Type Distribution at Enrollment Among Females Attending the University of South Carolina. Abstracts of the Annual Meeting, South Carolina Academy of Sciences, Technology and Health Conference. Symposium on HPV-mediated Disease (2009)
12. **Spiryda LB**, Brown M, Creek KE, and Pirisi L. Risk factors for CIN 2/3 in HSIL cases. Abstracts of the Twenty-Fifth International Papillomavirus Meeting. (2009).
13. Holcomb S, Braddy J, Banner A and **Spiryda LB**. Risk Factors for Cervical Dysplasia after ASCUS and HSIL Pap Tests. Annual Meeting for the South Carolina OB/GYN Society. (2009)
14. Boggs EW and **Spiryda LB**. Keratinizing squamous dysplasia Pap test: A case for colposcopy. Abstracts of Third Annual Carolina Women's Health Research Forum, (2009).
15. Messersmith AR, Banister CE, **Spiryda LB**, Pirisi L and Creek KE. Preliminary analysis of cytokine levels present in cervical mucus collected from women enrolled in the Carolina Women's Care Study. Abstracts of Third Annual Carolina Women's Health Research Forum. (2009)
16. Banister CE, Messersmith AM, Altomare D, **Spiryda LB**, Glover SH, Pirisi L, and Creek KE. HPV Persistence in college students: The South Carolina Women's Care Study. Abstracts of Third Annual Carolina Women's Health Research Forum. (2009)
17. Banister CE, Messersmith AM, Altomare D, **Spiryda LB**, Glover SH, Pirisi L, and Creek KE. Human Papillomavirus detection and typing in Pap test samples using the innogenetic INNO-LIPA HPV genotyping

EXTRA system in comparison with direct DNA sequencing. Abstracts of Third Annual Carolina Women's Health Research Forum, Columbia, SC (2009).

18. Emery J, Marcus BJ, and **Spiryda LB**. Sarcoidosis of the cervix: an unusual case presentation. Abstracts of Third Annual Carolina Women's Health Research Forum. (2009).
19. Messersmith AM, Banner A, Pirisi-Creek L, Creek KE, and **Spiryda LB**. SIX 1 and EGFR as Potential Biomarkers for Cervical Dysplasia: A Pilot Study. Abstracts of Third Annual Carolina Women's Health Research Forum. (2009)
20. Boggs EW and **Spiryda LB**. Keratinizing squamous dysplasia Pap test: A case for colposcopy. 2010 Biennial Meeting of American Society of Colposcopy and Cervical Pathology. (2010)
21. Messersmith AM, Banner A, Pirisi-Creek L, Creek KE, and **Spiryda LB**. SIX 1 and EGFR as Potential Biomarkers for Cervical Dysplasia: A Pilot Study. Abstracts for 58th Annual Clinical Meeting of the American College of Obstetricians and Gynecologists. (2010)
22. Holcomb S, Braddy J, Banner A Pirisi-Creek L, Creek KE, and **Spiryda LB**. Risk Factors for CIN after ASCUS and HSIL Pap Tests. Abstracts for 26th International Papillomavirus Conference. (2010)
23. Emery J, Marcus BJ, Pirisi-Creek L, Creek KE, and **Spiryda LB**. Sarcoidosis of the cervix: an unusual case presentation. Abstracts for 26th International Papillomavirus Conference. (2010)
24. Jennings MC Pirisi-Creek L, Creek KE, and **Spiryda LB** Pap tests after hysterectomy in HIV positive women: At risk for VAIN 2/3 and cancer? Abstracts for 26th International Papillomavirus Conference. (2010)
25. Jennings MC Pirisi-Creek L, Creek KE, and **Spiryda LB** Pap tests after hysterectomy in HIV positive women: At risk for VAIN 2/3 and cancer? Abstracts for Fourth Annual Carolina Women's Health Research Forum. (2010)
26. Messersmith AM, Banner A, Pirisi-Creek L, Creek KE, and **Spiryda LB**. SIX 1 and EGFR as Potential Biomarkers for Cervical Dysplasia in adolescents: A Pilot Study. Abstracts for Fourth Annual Carolina Women's Health Research Forum. (2010)
27. Lewis KM and **Spiryda LB**. Lifestyle Risk Factors Associated with Cervical Dysplasia among Women in South Carolina. Abstracts for Fourth Annual Carolina Women's Health Research Forum. (2010)
28. Oakley SH, Duffus W, Kondowe C, and **Spiryda LB**. Early Detection of HIV in Pregnancy Reduces Perinatal Morbidity and Mortality. Abstracts for Fourth Annual Carolina Women's Health Research Forum. (2010)
29. Messersmith AR, Banister CE, **Spiryda LB**, Pirisi L and Creek KE. Cervical Cytokine Levels as Potential Biomarkers for Clearance of Human Papillomavirus. Abstracts for Fourth Annual Carolina Women's Health Research Forum. (2010)
30. Oakley SH, Duffus W, Kondowe C, and **Spiryda LB**. Early Detection of HIV in Pregnancy Reduces Perinatal Morbidity and Mortality. Abstracts for 59th Annual Clinical Meeting of the American College of Obstetricians and Gynecologists. (2011)
31. **Spiryda LB**. Role of medical and molecular biomarkers in HPV infection and cervical dysplasia and cancer, Abstracts for 1st Annual Inaugural Symposium of Human Papillomavirus (HPV-2011), (2011)
32. **Spiryda LB**. Identification of Biomarkers in Cervical Dysplasia, Conquering Health Disparities in Cervical Cancer, Potential Role of SIX1 and EGFR. Abstracts for the NCI Cancer Health Disparities Program Meetings (2011)

33. Lewis KM, Justice A, and **Spiryda LB**. Normal Pap, HR HPV positive in women over thirty: Clinical lessons learned in a university practice. Abstracts for Fifth Annual Carolina Women's Health Research Forum. (2011)
34. Messersmith AR, Banister CE, **Spiryda LB**, Glover SH, Pirisi L, and Creek KE. Increased risk of persistent Human Papillomavirus Infection and abnormal Pap tests in African American Compared to European American women in a college-aged cohort. Abstracts for Fifth Annual Carolina Women's Health Research Forum. (2011)
35. Messersmith AR, Lyons S, Goodrich K, Curtis J, Bacon J, Pirisi LA, Creek KE and **Spiryda LB**. A novel method for HPV screening in the oral cavity. Abstracts for Fifth Annual Carolina Women's Health Research Forum. (2011)
36. Goodman CM, Messersmith AR, Creek KE, **Spiryda LB**, and Pirisi L. Preliminary analysis of collection methods for cervical mucus by comparing total protein. Abstracts for Fifth Annual Carolina Women's Health Research Forum. (2011)
37. Brown J, Wellbaum N, **Spiryda LB**, Zhang H, Burgis JT. Delayed Cytology Screening in Adolescents – Is it valid in our population? Abstracts for ASCCP 2012 Biennial Meeting, J Lower Genital Tract Disease. (2012)
38. Messersmith AR, Lyons S, Goodrich K, Curtis J, Bacon J, Pirisi LA, Creek KE and **Spiryda LB**. A novel method for HPV screening in the oral cavity. Abstracts for ASCCP 2012 Biennial Meeting, J Lower Genital Tract Disease. (April 2012)
39. **Spiryda LB**. Messersmith AR Goodrich K Creek KE Pirisi LA. Molecular Biomarkers in HPV and Cervical Dysplasia: Are they worth the hype? Abstracts for ASCCP 2012 Biennial Meeting, J Lower Genital Tract Disease. (April 2012)
40. Messersmith AR, Banister C, **Spiryda LB**, Glover S, Pirisi L, Creek KE. Increased risk of persistent human papillomavirus infection and abnormal Pap tests in African American compared to European American women in a college-age cohort. Abstracts for AACR Annual Meeting. (2012)
41. Lewis KM, Justice A, and **Spiryda LB**. Normal Pap, HR HPV positive in women over thirty: Clinical lessons learned in a university practice. Abstracts for Annual SCMA.(2012)
42. Lewis KM, Justice A, and **Spiryda LB**. Normal Pap, HR HPV positive in women over thirty: Clinical lessons learned in a university practice. Abstracts for 60th Annual Clinical Meeting of the American College of Obstetrics and Gynecologists. (2012)
43. Brown JE, Wellbaum NS, **Spiryda LB**, Zhang H, Burgis JT. Delayed cytology screening in adolescents –is it valid in our population? Abstracts for Sixth Annual Carolina Women's Health Research Forum. (2012)
44. DiLiberto AB, Guha U, Brown SL, Liu J, Browne PC, **Spiryda L**, Merchant AT. Toothbrushing practices among pregnant women in South Carolina. Abstracts for Sixth Annual Carolina Women's Health Research Forum. (2012)
45. Lenhard M, Zhang H, Ray M, Cao J and **Spiryda LB**. Patient attitudes and barriers to breast feeding in a clinic population. Abstracts for Sixth Annual Carolina Women's Health Research Forum. (2012)
46. McLeod JB, Cao J, and **Spiryda LB**. The effect of race and increasing BMI on route of hysterectomy . Abstracts for Sixth Annual Carolina Women's Health Research Forum. (2012)
47. Messersmith AR, Goodman CM, Creek KE, Pirisi-Creek L, and **Spiryda LB**. Comparison of Collection Methods for Cervical Mucus Using Total Protein and IL-6. Abstracts for Sixth Annual Carolina Women's Health Research Forum. (2012)

48. Messersmith AR, Goodrich K, Banister C, Creek K, Pirisi-Creek L, **Spiryda LB**. Molecular biomarkers, HPV, and abnormal pap tests in the adolescent population. Abstracts for Sixth Annual Carolina Women's Health Research Forum. (2012)
49. **Spiryda LB**, Zhang HM, Brown J, Burgis JT. Sexually Transmitted Infections in Adolescents: Risk Factor for Abnormal Cervical Cytology? 27th Annual Clinical and Research Meeting, NASPAG 2013 San Diego, CA Journal of Pediatric and Adolescent Gynecology Volume 26, Issue 2 , Page e67, (April 2013)
50. Poole-Ward RL, Van Deman J, Spiryda LB Short Intergestational Pregnancy: Identifying Maternal Risk Factors. Abstracts for the Annual Meeting for the South Carolina OB/GYN Society (Aug 2013)
51. McLeod JB, Cao, J, **Spiryda LB**. The effect of race and increasing BMI on route of hysterectomy. Abstracts for Annual Meeting and Endo Expo, Society of Laparoendoscopic Surgeons Annual Meeting (Aug 2013)
52. Pillay AA, **Spiryda LB**, Messersmith AR. HPV 16 Integration in Cervical Lesions associated with Cervical Intraepithelial Neoplasia. Abstracts for Seventh Annual Women's Health Research Forum (Nov 2013)
53. Poole-Ward RL, Van Deman J, and **Spiryda LB**. Short Intergestational Pregnancy: Identifying Maternal Risk Factors. Abstracts for Seventh Annual Women's Health Research Forum (Nov 2013)
54. Wilkey EA, **Spiryda LB**, Cai B, and Sims KM. 3 Year Experience of Cesarean Delivery in Class 3 Obese Women at PHR. Abstracts for Seventh Annual Women's Health Research Forum (Nov 2013)
55. Lenhard M, Zhang H, Ray M, Cao J and **Spiryda LB**. Patient attitudes and barriers to breast feeding in a clinic population. Abstracts for South Atlantic Association of OB/GYN 79th Annual Meeting (Jan 2014)
56. Handley A, Gwynne M, Brown S, and **Spiryda LB**. Knowledge and Attitudes of University of South Carolina Undergraduate Students regarding risk factors and vaccination for human papillomavirus (HPV). J Lower Genital Tract Disease. Supplement (Abstracts for ASCCP 2014 Biennial Meeting.) 2014. 18 (2):S13. (April 2014)
57. Gwynne M, Handley A, Brown S, and **Spiryda LB**. Outcomes of the Cervix Project: Increasing Knowledge, Attitudes, and Practices of USC Undergraduates Regarding HPV, Screening for HPV, and Vaccination Against HPV. J Lower Genital Tract Disease. Supplement (Abstracts for ASCCP 2014 Biennial Meeting.) 2014. 18 (2):S3. (April 2014)
58. **Spiryda LB**, Messersmith AR, Banister C, Glover S, Creek KE, and Pirisi LA. Multiple Infections with HPV and Cervical Cytology and Pathology. J Lower Genital Tract Disease. Supplement (Abstracts for ASCCP 2014 Biennial Meeting). 2014. 18 (2):S14. (April 2014)
59. Seo SJ, Rawlinson D, Creek KE, Pirisi LA, **Spiryda LB**. Clinical Risk Factors and Cervical Dysplasia in a Racially Diverse Population, Abstracts for 29th International Papillomavirus Conference (Aug 2014)
60. Schneider JA and **Spiryda LB**. Assessing Role of Maternal Pre-Pregnancy Body Mass Index and Obesity in Neonatal Outcomes. Abstracts for Pediatric Medical Student Research Forum (Sept 2015)
61. Schneider JA and **Spiryda LB**. Assessing Role of Maternal Pre-Pregnancy Body Mass Index and Obesity in Neonatal Outcomes. Abstracts for UF, College Medicine 2015 Celebration of Research (Feb 2015)
62. Kidd J and **Spiryda LB**. Health care Providers' Practice of Smoking Cessation in Pregnant Women and Child Guardians North-Central Florida. Abstracts for 63rd Annual Clinical Meeting of the American College of Obstetrics and Gynecologists (May 2015)
63. Schneider JA and **Spiryda LB**. Assessing Role of Maternal Pre-Pregnancy Body Mass Index and Obesity in Neonatal Outcomes. Abstracts for 63rd Annual Clinical Meeting of the American College of Obstetrics and Gynecologists (May 2015)

RESEARCH PRESENTATIONS

Local

Oral Presentations

1. **Spiryda LB.** Graft-Versus Host Disease of the Vulva and Vagina: Diagnosis and Treatment. University of South Carolina, School of Medicine. Columbia, SC (2007)
2. Boggs EW (Mentor: **Spiryda LB**). Keratinizing squamous dysplasia Pap test: A case for colposcopy. Annual Carolina Women's Health Research Forum Columbia, SC (2009)
3. Oakley SH (Mentor: **Spiryda LB**). Early Detection of HIV in Pregnancy Reduces Perinatal Morbidity and Mortality. Fourth Annual Carolina Women's Health Research Forum. Columbia, SC (2010)
4. **Spiryda LB.** Pap Test Screening in Special Populations: Potential Role for Molecular Biomarkers. Annual Meeting for the South Carolina OB/GYN Society, Asheville, NC (2012)
5. Brown JE (Co Mentor: **Spiryda LB** and Burgis JT). Delayed cytology screening in adolescents –is it valid in our population? Sixth Annual Carolina Women's Health Research Forum, Columbia, SC (2012)
6. Lenhard M (Mentor: **Spiryda LB**) Patient attitudes and barriers to breast feeding in a clinic population. Sixth Annual Carolina Women's Health Research Forum, Columbia, SC (2012)
7. McLeod JB (Mentor: **Spiryda LB**) The effect of race and increasing BMI on route of hysterectomy. Sixth Annual Carolina Women's Health Research Forum Columbia, SC (2012)
8. Poole-Ward RL, Van Deman J, **Spiryda LB** Short Intergestational Pregnancy: Identifying Maternal Risk Factors. Annual Meeting for the South Carolina OB/GYN Society, Charleston, SC – Second Prize Winner (2013)
9. Wilkey EA, **Spiryda LB** (Mentor), Cai B, and Sims KM. 3 Year Experience of Cesarean Delivery in Class 3 Obese Women at PHR. Seventh Annual Women's Health Research Forum, Columbia, SC (2013)
10. Poole-Ward RL, Van Deman J, and **Spiryda LB** (Mentor). Short Intergestational Pregnancy: Identifying Maternal Risk Factors. Seventh Annual Women's Health Research Forum, Columbia, SC (2013)
11. Lenhard M (Mentor: **Spiryda LB**) Patient attitudes and barriers to breast feeding in a clinic population. South Atlantic Association of Obstetricians and Gynecologists 79 Annual Meeting, Lake Buena Vista, FL (2014)

Poster Presentations

1. Brown M and **Spiryda LB.** HPV and You: Risk Factors Associated with Severe Cervical Dysplasia. Second Annual Carolina Women's Health Research Forum, Columbia, SC (2008)
2. Banister CE, Messersmith A, Altomare D, Kowli S, **Spiryda LB**, Pirisi L, and Creek, KE. Human Papillomavirus (HPV) Distribution and Persistence in the Carolina Women's Care Study at the University of South Carolina. Second Annual Carolina Women's Health Research Forum, Columbia, SC (2008)
3. Holcomb S, Braddy J, Banner A and **Spiryda LB.** Risk Factors for CIN after ASCUS and HSIL Pap Tests. Annual Meeting for the South Carolina OB/GYN Society. Charleston, SC (2009)
4. Messersmith AM, Banner A, Pirisi-Creek L, Creek KE, and **Spiryda LB.** SIX 1 and EGFR as Potential Biomarkers for Cervical Dysplasia: A Pilot Study. Third Annual Carolina Women's Health Research Forum Columbia, SC (2009)

5. Emery J, Marcus BJ, and **Spiryda LB**. Sarcoidosis of the cervix: an unusual case presentation. Third Annual Carolina Women's Health Research Forum Columbia, SC (2009)
6. Banister CE, Messersmith AM, Altomare D, **Spiryda LB**, Glover SH, Pirisi L, and Creek KE. HPV detection and typing in Pap test samples using the innogenetic INNO-LIPA HPV genotyping EXTRA system in comparison with direct DNA sequencing. Third Annual Carolina Women's Health Research Forum Columbia, SC (2009)
7. Banister CE, Messersmith AM, Altomare D, **Spiryda LB**, Glover SH, Pirisi L, and Creek KE. HPV Persistence in college students: The South Carolina Women's Care Study. Third Annual Carolina Women's Health Research Forum Columbia, SC (2009)
8. Messersmith AR, Banister CE, **Spiryda LB**, Pirisi L and Creek KE. Preliminary analysis of cytokine levels present in cervical mucus collected from women enrolled in the CWCS. Third Annual Carolina Women's Health Research Forum Columbia, SC (2009)
9. Messersmith AM, Banner A, Pirisi-Creek L, Creek KE, and **Spiryda LB**. SIX 1 and EGFR as Potential Biomarkers for Cervical Dysplasia in an adolescent population: A Pilot Study. Fourth Annual Carolina Women's Health Research Forum, Columbia, SC (2010)
10. Lewis KM and **Spiryda LB**. Lifestyle Risk Factors Associated with Cervical Dysplasia among Women in South Carolina. Fourth Annual Carolina Women's Health Research Forum. Columbia, SC (2010)
11. Messersmith AR, Banister CE, **Spiryda LB**, Pirisi L and Creek KE. Cervical Cytokine Levels as Potential Biomarkers for Clearance of Human Papillomavirus. Fourth Annual Carolina Women's Health Research Forum. Columbia, SC (2010)
12. Jennings MC Pirisi-Creek L, Creek KE, and **Spiryda LB** Pap tests after hysterectomy in HIV positive women: At risk for VAIN 2/3 and cancer? Abstracts for Fourth Annual Carolina Women's Health Research Forum. Columbia, SC (2010)
13. Messersmith AR, Banister CE, **Spiryda LB**, Glover SH, Pirisi L, and Creek KE. Increased risk of persistent Human Papillomavirus Infection and abnormal Pap tests in African American Compared to European American women in a college-aged cohort. Fifth Annual Carolina Women's Health Research Forum. Columbia, SC (2011)
14. Messersmith AR, Lyons S, Goodrich K, Curtis J, Bacon J, Pirisi LA, Creek KE and **Spiryda LB**. A novel method for HPV screening in the oral cavity. Fifth Annual Carolina Women's Health Research Forum. Columbia, SC (2011)
15. Lewis KM, Justice A, and **Spiryda LB**. Normal Pap, HR HPV positive in women over thirty: Clinical lessons learned in a university practice. Fifth Annual Carolina Women's Health Research Forum. Columbia, SC (2011)
16. Lewis KM, Justice A, and **Spiryda LB**. Normal Pap, HR HPV positive in women over thirty: Clinical lessons learned in a university practice. Annual SCMA meeting (2013)
17. DiLiberto AB, Guha U, Brown SL, Liu J, Browne PC, **Spiryda L**, Merchant AT. Toothbrushing practices among pregnant women in South Carolina. Sixth Annual Carolina Women's Health Research Forum. (2013)
18. Messersmith AR, Goodman CM, Creek KE, Pirisi-Creek L, and **Spiryda LB**. Comparison of Collection Methods for Cervical Mucus Using Total Protein and IL-6. Sixth Annual Carolina Women's Health Research Forum. (2013)
19. Messersmith AR, Goodrich K, Banister C, Creek K, Pirisi-Creek L, **Spiryda LB**. Molecular biomarkers, HPV, and abnormal pap tests in the adolescent population. Sixth Annual Carolina Women's Health Research Forum. (2013)
20. Pillay AA, **Spiryda LB**, Messersmith AR. HPV 16 Integration in Cervical Lesions Associated with Cervical Intraepithelial Neoplasia. Seventh Annual Women's Health Research Forum, Columbia, SC (2013)

21. Schneider JA and **Spiryda LB**. Assessing Role of Maternal Pre-Pregnancy Body Mass Index and Obesity in Neonatal Outcomes. UF Pediatric Medical Student Research Forum, Orlando, FL (2014)
22. Schneider JA and **Spiryda LB**. Assessing Role of Maternal Pre-Pregnancy Body Mass Index and Obesity in Neonatal Outcomes. UF, College Medicine 2015 Celebration of Research (2015)

National

Oral Presentations

1. **Spiryda LB**. (Mentor: Goodman AK) Locally Recurrent Vulva Cancer: Risk Factors Leading to High Rates of Morbidity and Mortality. New England Association of Gynecology Oncology Annual Meeting, Scarborough, Maine (2003)
2. Boggs EW (Mentor: **Spiryda LB**). Keratinizing squamous dysplasia Pap test: A case for colposcopy. 2010 Biennial Meeting of American Society of Colposcopy and Cervical Pathology. Las Vegas, NV (2010)
3. **Spiryda LB**. (Selected Speaker) SIX 1 and EGFR as Potential Biomarkers for Cervical Dysplasia: A Pilot Study. 58th Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, San Francisco, CA (2010)
4. **Spiryda LB**. (Invited Speaker) Identification of Biomarkers in Cervical Dysplasia, Conquering Health Disparities in Cervical Cancer, Potential Role of SIX1 and EGFR. NCI Cancer Health Disparities Program Meetings, Bethesda, MD (2011)
5. **Spiryda LB**. (Selected Oral Presentation) Molecular Biomarkers in HPV and Cervical Dysplasia: Are they worth the hype? ASCCP 2012 Biennial Meeting, San Francisco, CA, (2012)
6. McLeod JB, Cao J, **Spiryda LB**. The effect of race and increasing BMI on route of hysterectomy. Society of Laparoendoscopic Surgeons Annual Meeting Washington DC (2013)
7. Gwynne M, Handley A, Brown S, and **Spiryda LB**. Outcomes of the Cervix Project: Increasing Knowledge, Attitudes, and Practices of USC Undergraduates Regarding HPV, Screening for HPV, and Vaccination Against HPV. ASCCP 2014 Biennial Meeting Scottsdale, AZ (2014)

Poster Presentation

1. **Spiryda LB** and Colman, DR. Protein zero induces development of epithelial phenotype in a carcinoma cell line. Annual Meeting of American Cell Biology San Diego, CA (1997)
2. **Spiryda LB** and Colman DR. Induction of epithelial transformation of a carcinoma cell line by neural cadherin. Society for Neuroscience Annual Meeting, New Orleans, LA (1997)
3. Park JS, Jeong KH, Xu S, **Spiryda LB**, Kaiser UB, and Norwitz ER. Characterization of the AP-1 (FOS/JUN) complexes in the bipartite GnRH-response element of the mouse GnRH receptor gene promoter. Society of Gynecologic Investigators Annual Meeting, (2003)
4. Koon EC, Ma PA, Salgia R, **Spiryda LB**, Welch WR, Muto, MG, Berkowitz RS, and Mok SC Targeting Activated C-met as a Potential Therapeutic Modality in Human Ovarian Carcinomas. New England Association of Gynecology Oncology Annual Meeting, Scarborough, Maine (2003)
5. Koon EC, Ma PA, Salgia R, **Spiryda LB**, Welch WR, Muto, MG, Berkowitz RS, and Mok SC Targeting Activated C-met as a Potential Therapeutic Modality in Human Ovarian Carcinomas. Thirty Fifth Annual meeting of Society of Gynecologic Oncologists, San Diego, CA (2004)
6. **Spiryda LB**, Fuller AF and Goodman A. Aggressive Locally Recurrent Vulva Cancer: Review of cases presented to

Massachusetts General Hospital 1990 to present. Thirty Fifth Annual meeting of Society of Gynecologic Oncologists, San Diego, CA (2004)

7. Banister CE, Messersmith A, Altomare D, **Spiryda LB**, Alexander AM, Pirisi L, and Creek K. Human Papillomavirus Detection and Typing in Pap Test Samples Using the INNO-LIPA HPV Genotyping Kit in Comparison with Direct DNA Sequencing. Abstracts of Twenty-Fifth Annual Clinical Virology Symposium, Washington, DC (2009)
8. Messersmith AM, Banner A, Pirisi-Creek L, Creek KE, and **Spiryda LB**. SIX 1 and EGFR as Potential Biomarkers for Cervical Dysplasia: A Pilot Study. 58th Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, San Francisco, CA (2010)
9. Oakley SH, Duffus W, Kondowe C, and **Spiryda LB**. Early Detection of HIV in Pregnancy Reduces Perinatal Morbidity and Mortality. 59th Annual Clinical Meeting of the American College of Obstetricians and Gynecologists Washington, DC (2011)
10. Messersmith AR, Lyons S, Goodrich K, Curtis J, Bacon J, Pirisi LA, Creek KE and **Spiryda LB**. A novel method for HPV screening in the oral cavity. Biennial Meeting of the ASCCP San Francisco, CA (2012)
11. Brown J, Wellbaum N, **Spiryda LB**, Zhang H, Burgis JT. Delayed Cytology Screening in Adolescents – Is it valid in our population? 2012 Biennial Meeting of the ASCCP, San Francisco, CA (2012)
12. Messersmith AR, Banister C, **Spiryda LB**, Glover S, Pirisi L, Creek KE. Increased risk of persistent human papillomavirus infection and abnormal Pap tests in African American compared to European American women in a college-age cohort. AACR Annual Meeting. New Orleans, LA (2012)
13. Lewis KM, Justice A, and **Spiryda LB**. Normal Pap, HR HPV positive in women over thirty: Clinical lessons learned in a university practice. 60th Annual Clinical Meeting of the American College of Obstetrics and Gynecologists. San Diego, CA (2012)
14. **Spiryda LB**, Zhang HM, Brown J, Burgis JT. Sexually Transmitted Infections in Adolescents: Risk Factor for Abnormal Cervical Cytology? 27th Annual Clinical and Research Meeting, NASPAG San Diego, CA (2013)
15. Handley A, Gwynne M, Brown S, and **Spiryda LB**. Knowledge and Attitudes of University of South Carolina Undergraduate Students regarding risk factors and vaccination for human papillomavirus (HPV). ASCCP 2014 Biennial Meeting Scottsdale, AZ (2014)
16. **Spiryda LB**, Messersmith AR, Banister C, Glover S, Creek KE, and Pirisi LA. Multiple Infections with HPV and Cervical Cytology and Pathology. ASCCP 2014 Biennial Meeting Scottsdale, AZ (2014)
17. Kidd J and **Spiryda LB**. Health care Providers' Practice of Smoking Cessation in Pregnant Women and Child Guardians North-Central Florida. 63rd Annual Clinical Meeting of the American College of Obstetrics and Gynecologists, San Francisco, Ca (May 2015)
18. Schneider JA and **Spiryda LB**. Assessing Role of Maternal Pre-Pregnancy Body Mass Index and Obesity in Neonatal Outcomes. 63rd Annual Clinical Meeting of the American College of Obstetrics and Gynecologists, San Francisco, Ca (May 2015)

International

Oral Presentations

1. Spiryda LB. (Invited Speaker) Role of medical and molecular biomarkers in HPV infection and cervical dysplasia and cancer, 1st Annual Inaugural Symposium of Human Papillomavirus (HPV-2011), Beijing, China (2011)

Poster Presentations

1. Beach MC, Morley J, **Spiryda L**, Weinstock SB. Effects of liposome encapsulated hemoglobin on the reticuloendothelial system. Biomater Artif Cells Immobilization Biotechnol. 4th International Symposium on Blood Substitutes Montreal, QC, Can (1991)
2. **Spiryda LB**, Brown M, Creek KE, and Pirisi L. Risk factors for CIN 2/3 in HSIL cases. Twenty-Fifth International Papillomavirus Meeting, Malmo, Sweden (2009)
3. Jennings MC Pirisi-Creek L, Creek KE, and **Spiryda LB** Pap tests after hysterectomy in HIV positive women: At risk for VAIN 2/3 and cancer? 26th International Papillomavirus Conference , Montreal, QC (2010)
4. Emery J, Marcus BJ, Pirisi-Creek L, Creek KE, and **Spiryda LB**. Sarcoidosis of the cervix: an unusual case presentation. 26th International Papillomavirus Conference Montreal, QC (2010)
5. Holcomb S, Braddy J, Banner A Pirisi-Creek L, Creek KE, and **Spiryda LB**. Risk Factors for CIN after ASCUS and HSIL Pap Tests. 26th International Papillomavirus Conference Montreal, QC (2010)
6. Seo SJ, Rawlinson D, Creek KE, Pirisi LA, **Spiryda LB**. Clinical Risk Factors and Cervical Dysplasia in a Racially Diverse Population, 29th International Papillomavirus Conference, Seattle, WA (Aug 2014)