

## AMELIA PURSER BAILEY, M.D.

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### POSTDOCTORAL TRAINING

- Brigham and Women's Hospital, 07/2011 – 06/2014** **Boston, MA**  
*Fellowship, Department of Obstetrics & Gynecology,  
Center for Infertility and Reproductive Surgery*
- University of Virginia Health System, 07/2008 – 06/2011** **Charlottesville, VA**  
*Residency, Department of Obstetrics & Gynecology*  
• Administrative Chief Resident, 2010-2011
- University of Maryland Medical Center, 07/2007 – 06/2008** **Baltimore, MD**  
*Internship, Department of Obstetrics, Gynecology, & Reproductive Sciences*
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### EDUCATION

- University of Mississippi School of Medicine, 2003 – 2007** **Jackson, MS**  
*Doctor of Medicine*  
• Nina Bess Goss-Moffitt, M.D., Scholarship (Full-tuition merit-based scholarship awarded to one matriculating student per class)  
• William Gallagher Award (Most outstanding student in Obstetrics & Gynecology)  
• Arnold P. Gold Humanism Honor Society (Recognizing humanistic care of patients)
- University of Mississippi McDonnell-Barksdale Honors College, 1998 – 2002** **Oxford, MS**  
*Bachelor of Arts (Major: Biology; Minors: Chemistry, Classics, and Psychology)*  
• Robert M. Carrier Scholar (The University's oldest full-tuition scholarship)  
• Phi Beta Kappa Honor Society  
• Hall of Fame (The University's highest undergraduate honor)
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### ACADEMIC APPOINTMENTS AND EMPLOYMENT

- Fertility Associates of Memphis, 2014 – present** **Memphis, TN**  
*Director of Minimally Invasive Surgery*
- Vanderbilt University Medical School, 2015 – present** **Nashville, TN**  
*Assistant Clinical Professor*
- St. Jude Children's Research Hospital, 2016 – present** **Memphis, TN**  
*Consulting Physician, Department of Surgery, Division of Gynecology*
- Harvard Medical School, 2011 – 2014** **Boston, MA**  
*Department of Obstetrics & Gynecology – Clinical Instructor*
- Massachusetts Institute of Technology, 2011 – 2014** **Cambridge, MA**  
*Department of Biological Engineering – Visiting Scientist*
- University of Mississippi Medical Center, 2002 – 2003 & 2004 – 2005** **Jackson, MS**  
*Department of Physiology & Biophysics– Research Technician &  
Medical Student Research Assistant*

- Performed enzyme-linked immunosorbent assays, gel electrophoresis, rodent behavioral training and carotid catheterization, cell culture, and manuscript and grant preparation

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#### **CURRENT LICENSURE AND CERTIFICATION**

- 2016-present Diplomate, American Board of Obstetrics & Gynecology, Reproductive Endocrinology and Infertility
- 2016-present Mississippi State Board of Medical Licensure, Full Medical License
- 2014-present Tennessee Board of Medical Examiners, Full Medical License
- 2013-present Diplomate, American Board of Obstetrics & Gynecology, General Obstetrics & Gynecology
- 2013-present Fellow, American Congress of Obstetricians and Gynecologists

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#### **LEADERSHIP ROLES**

- 2013-2015 American Society for Reproductive Medicine's Women's Council Mentorship Committee
- 2013-2014 Brigham and Women's Hospital Reproductive Endocrinology Fellow Didactics Coordinator
- 2013 Brigham and Women's Hospital Ambulatory Medicine Reconciliation Collaborative
- 2013 Society of Laparoendoscopic Surgeons Concurrent Scientific Session Moderator
- 2012-2013 Brigham and Women's Hospital Reproductive Endocrinology Seminar Series Coordinator
- 2010-2011 Education Committee, Department of Obstetrics & Gynecology, University of Virginia
- 2010 American Congress of Obstetrics & Gynecology CREOG Leadership Workshop
- 2010 Accreditation Council for Graduate Medical Education Site Visit Committee, University of Virginia
- 2006-2007 Associated Student Body Secretary, University of Mississippi Medical Center
- 2005-2007 University of Mississippi School of Medicine Curriculum Committee (Elected to serve in this administrative-level organization for internal curriculum review)
- 2005 Healthy Kids' Extravaganza (Principal coordinator of inaugural event)
- 2003-2007 American Medical Association: Medical Student Section (National Committee Member 2005)
- 2003-2007 Mississippi State Medical Association: Medical Student Section (Delegate 2006)
- 2003-2007 University Society of the American Medical Association (Committee Chair 2005-2007)
- 2001-2002 Omicron Delta Kappa National Leadership Honor Society (President)
- 2000-2002 Associated Student Body Cabinet, University of Mississippi
- 2000-2002 McDonnell-Barksdale Honors College Senate (Secretary 2001-2002)
- 2000-2001 Sorority Chapter Management Team (Led sorority to win the award for combined academic, philanthropic, and extracurricular achievement)
- 2000-2001 Sorority Vice-President of Membership (Managed 250 college women through recruitment of 75 new members out of 900 applicants)
- 1998-2002 University of Mississippi Judicial Council (Chair 2000-2002)

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#### **PROFESSIONAL SOCIETIES**

- 2018-present Tennessee Medical Association and Memphis Medical Society
- 2014-present Memphis Robotics and Minimally Invasive Surgical Society
- 2013-present Society for Reproductive Endocrinology and Infertility (SREI)
- 2010-present American Association of Gynecologic Laparoscopists (AAGL)
- 2009-present American Society for Reproductive Medicine (ASRM)

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#### **HONORS & AWARDS**

- 2020-present Castle Connolly Top Doctor
- 2017-present Best Doctors in America
- 2015-present Face of Reproductive Medicine, Memphis Magazine

2012	ASRM Best Technical Video: Surgery, Second Place
2011	AAGL Special Resident in Minimally Invasive Gynecology
2011	NAMS / Teva Women's Health Medical Residents Excellence Award
2011	Guy M. Harbert, M.D., Award, University of Virginia Health System (Best resident research project in obstetrics and gynecology)
2010	ASRM SRS In-Training Award for Research
2009	Mulholland Teaching Award, University of Virginia School of Medicine, Honorable Mention
2009	Medical Student Teaching Award, University of Virginia School of Medicine
2008	Obstetrics & Gynecology Teaching Award, University of Maryland Medical Center
2005	Caroline tum Suden / Frances A. Hellebrandt Professional Opportunity Award (Research)
2005	Liaison with Industry Novel Disease Model Award (Research)
2003-2007	Medical Scholar, Department of Surgery, University of Mississippi School of Medicine (Honor organization for research and publication in a surgical field)
2003-2004	Phi Kappa Phi National Honor Society Graduate Fellowship (Scholarship and Achievement)
2003-2004	Lloyd G. Balfour National Scholarship (Scholarship and Achievement)
2003-2004	Delta Gamma Women in Science National Fellowship (Scholarship and Fraternity Service)
2002	University of Mississippi Alpha Omicron Pi Woman of Excellence (Campus Involvement)
1999	University of Mississippi Model Pledge of the Year (Scholarship and Achievement)

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**FUNDING**

2012-2014	Novel analysis of cell and cytokine networks in the peritoneal fluid of pediatric and adolescent endometriosis patients. National Institutes of Health (NIH) Contraception and Infertility Research Loan Repayment Program (up to \$70,000). The specific aim of the study was to test hypotheses regarding intraperitoneal inflammation and the trafficking of cells from the uterus to the peritoneal cavity in pediatric and adolescent endometriosis.
2012-2013	Tissue effects of various energy sources in gynecologic surgery. Industry research grant (\$20,000).
2012	Novel analysis of the peritoneal fluid cellular environment in pediatric and adolescent endometriosis patients. Brigham and Women's Hospital Department of Obstetrics & Gynecology Expanding the Boundaries Grant (\$5,905).
2010	Pedicled omentoplasty versus autologous free omental graft for pelvic adhesion prevention in a rabbit model. Young Scientist in Training Research Award, University of Virginia Health System (\$500). The specific aim of the study was to compare formation of adhesions in rabbits after hysterotomy creation and repair with either no subsequent covering or coverage with omental flaps or omental grafts.
2009-2010	Pedicled omentoplasty versus autologous free omental graft for pelvic adhesion prevention in a rabbit model. University of Virginia Department of Obstetrics & Gynecology Research Grant (\$10,000).
2004-2005	Relationship between exercise and soluble vascular endothelial growth factor receptor-1 (sFlt-1) in healthy males. American Cancer Society Institutional Research Grant (\$1,000). The specific aim of the study was to determine the time course after exercise of levels of both vascular endothelial growth factor and its soluble receptor.
2004	Effects of sodium on blood pressure and renal cytokine gene expression profiles in normotensive rats. University of Mississippi School of Medicine Deans' Summer Research Fellowship (\$4,000). The specific aim of the study was to determine effects of long-term high-salt diet on blood pressure and renal cytokine gene expression profiles in normotensive rats.

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**PEER-REVIEWED PUBLICATIONS**

1. Jennifer Yland, Luiz Carvalho, Michael Beste, **Amelia Bailey**, Cassandra Thomas, Mauricio Abrao, Catherine Racowsky, Linda Griffith, Stacey Missmer. Endometrioma, the follicular fluid inflammatory network, and its association with oocyte and embryo characteristics. *Reproductive BioMedicine Online* (accepted), 2019.
2. Paul R. Brezina, Enrico Marinelli, **Amelia P. Bailey**. Future implications of human embryonic testing and modification: Great medicine or GATTACA? *Current Pharmaceutical Biotechnology* 17(4):337-41, 2016.
3. Paul R. Brezina, William H. Kutteh, **Amelia P. Bailey**, Raymond W. Ke. Preimplantation genetic screening (PGS) is an excellent tool, but not perfect: a guide to counseling patients considering PGS. *Fertility and Sterility* 105(1):49-50, 2016.
4. **Amelia P. Bailey**, Antonio R. Gargiulo. Nimble laser devices for minimally invasive gynecologic surgery. *Contemporary OB/GYN* October 1, 2015 (online publication).
5. **Amelia P. Bailey**, Carolyn R. Jaslow, William H. Kutteh. Minimally invasive surgical options for congenital and acquired uterine factors associated with recurrent pregnancy loss. *Women's Health* 11(2):161-7, 2015.
6. **Amelia P. Bailey**, Amy K. Schutt, Dale W. Stovall. Pedicled omental flaps and autologous free omental grafts survive and do not increase adhesion formation in the pelvis. *Fertility Research and Practice* 1:3, 2015.
7. Paul R. Brezina, William H. Kutteh, **Amelia P. Bailey**, Raymond W. Ke, Jianchi Ding, James Klosky. Fertility preservation in the age of assisted reproductive technologies. *Obstetrics and Gynecology Clinics of North America* 42(1):39-54, 2015.
8. **Amelia P. Bailey**, Katharine F. Correia, Antonio R. Gargiulo. A survey of current practices in the surgical treatment of endometriosis and fibroids. *Journal of Minimally Invasive Gynecology*, 21(6):S65-6, 2014.
9. **Amelia P. Bailey**, Luca Lancerotto, Chad Gridley, Dennis P. Orgill, Hiep Nguyen, Elena Pescarini, Gianluigi Lago, Antonio R. Gargiulo. Greater surgical precision of a flexible carbon dioxide laser fiber compared to monopolar electrosurgery in porcine myometrium. *Journal of Minimally Invasive Gynecology*, 21(6):1103-9, 2014.
10. Paul R. Brezina, William H. Kutteh, **Amelia P. Bailey**, Jianchi Ding, Raymond W. Ke. Preimplantation Genetic Screening: Pitfalls and Opportunities. *OI Genetics* 2(1):2, 2014.
11. **Amelia P. Bailey**, Leah K. Hawkins, Stacey A. Missmer, Katharine F. Correia, Elena H. Yanushpolsky. Effect of body mass index on in vitro fertilization outcomes in women with polycystic ovary syndrome. *American Journal of Obstetrics & Gynecology* 211(2):163.e1-6, 2014.
12. **Amelia P. Bailey**, Katharine F. Correia, Stacey A. Missmer, Antonio R. Gargiulo. Attitudes of minimally invasive reproductive and gynecologic surgeons toward various energy sources. *Journal of Minimally Invasive Gynecology* 20(6):S142, 2013.
13. Souzana Choussein, Serene Srouji, **Amelia P. Bailey**, Antonio R. Gargiulo. Coaxial robot-assisted single-incision laparoscopic (RA-SIL) myomectomy and adenomyomectomy: technique and outcomes. *Fertility and Sterility* 100 (3):S399, 2013.
14. Antonio R. Gargiulo, **Amelia P. Bailey**, Serene S. Srouji. Robot-assisted single incision laparoscopic myomectomy: Initial report and technique. *Journal of Robotic Surgery* 7(2):137-42, 2013.
15. **Amelia P. Bailey**, Katharine F. Correia, Stacey A. Missmer, Antonio R. Gargiulo. Energy source preferences of minimally invasive reproductive and gynecologic surgeons. *Fertility and Sterility* 100(3):S398, 2013.
16. **Amelia P. Bailey**. Carbon dioxide laser fiber exhibits higher incising efficiency than monopolar electrocautery in a porcine model. *Journal of Minimally Invasive Gynecology* 20(6):S47, 2013.
17. **Amelia P. Bailey**, Katharine F. Correia, Stacey A. Missmer, Antonio R. Gargiulo. Current opinions of minimally invasive reproductive and gynecologic surgeons toward robotic surgery. *Fertility and Sterility* 100(3):P868, 2013.

18. **Amelia P. Bailey**, Amy K. Schutt, Robert Carey, J. Fritz Angle, Susan C. Modesitt. Hyperandrogenism of ovarian etiology: utilizing differential vein sampling for diagnosis. *Obstetrics & Gynecology* 120(2):476-9, 2012.
19. Lisa Pastore, Patricia Dougherty, **Amelia P. Bailey**, Allan Goldfarb. Beta-endorphin levels in PCOS women: relationship with insulin metabolism. *Journal of Endocrinology and Metabolism* 2(1):11-20, 2012.
20. Antonio R. Gargiulo, **Amelia P. Bailey**, Serene S. Srouji. Single Incision Robotic Myomectomy. *Journal of Minimally Invasive Gynecology* 19(6):S108, 2012.
21. Dale W. Stovall, **Amelia P. Bailey**, Lisa M. Pastore. Assessment of insulin resistance and impaired glucose tolerance in lean women with polycystic ovary syndrome. *Journal of Women's Health* 20(1):37-43, 2011.
22. **Amelia P. Bailey**, Amy K. Schutt, Dale W. Stovall. Feasibility of an animal model research project during residency in obstetrics and gynecology. *Journal of Minimally Invasive Gynecology* 17(6):S70, 2010.
23. **Amelia P. Bailey**, Mixon M. Darracott. Loop electrosurgical excision procedure with an intrauterine device in place. *American Journal of Obstetrics & Gynecology* 203(3):291.e1-3, 2010.
24. **Amelia P. Bailey**, Amy K. Schutt, Susan C. Modesitt. Florid endometriosis in a postmenopausal female. *Fertility and Sterility* 94(7):2769.e1-4, 2010.
25. **Amelia P. Bailey**, Jennifer L. Young, Elisabeth Nigrini, and Susan C. Modesitt. Anomalous vasculature in Mayer-Rokitansky-Kuster-Hauser syndrome. *Fertility and Sterility* 94(1):350, 2010.
26. **Amelia P. Bailey**, Dale W. Stovall, Amy K. Schutt, Susan C. Modesitt. Postmenopausal Endometriosis. *Postgraduate Obstetrics and Gynecology* 30(11):1-6, 2010.
27. **Amelia P. Bailey**, Amy K. Schutt, Dale W. Stovall. Pedicled omental flaps and autologous free omental grafts in the pelvis survive and do not increase adhesion formation in an animal model. *Fertility and Sterility* 94(4), 2010.
28. Christopher D. Williams, Lisa M. Pastore, Wendy B. Shelly, **Amelia P. Bailey**, Dana C. Baras, Bruce G. Bateman. A randomized, placebo-controlled study of the influence of instant-release metformin on response to clomiphene citrate and time to conception in polycystic ovary syndrome. *Fertility and Sterility* 92(3), 2009.
29. Jian-Wei Gu, Emily Young, ZJ Pan, KB Tucker, Megan Shparago, M Huang, **Amelia P. Bailey**. Long-term high salt diet causes hypertension and alters renal cytokine gene expression profiles in Sprague-Dawley rats. *Beijing Da Xue Xue Bao* 41(5):505-15, 2009.
30. Dale W. Stovall, **Amelia P. Bailey**, Lisa M. Pastore. Identification of insulin resistance and impaired glucose intolerance in lean women with polycystic ovary syndrome. *Fertility and Sterility* 92(3), 2009.
31. Jian-Wei Gu, R. Davis Manning, Jr., Emily Young, Megan Shparago, Brandi Sartin, **Amelia Purser Bailey**. Vascular endothelial growth factor receptor inhibitor enhances dietary salt-induced hypertension in Sprague-Dawley rats. *American Journal of Physiology- Regulatory, Integrative and Comparative Physiology* 297(1):R142-8, 2009.
32. James N. Martin, Jr., **Amelia P. Bailey**, Jonathan F. Rehberg, Michelle T. Owens, Sharon Dixon Keiser, Warren L. May. Thrombotic thrombocytopenic purpura in 166 pregnancies: 1955-2006. *American Journal of Obstetrics & Gynecology* 199(2):98-104, 2008.
33. Jian-Wei Gu, **Amelia P. Bailey**, Wei Tan, Megan Shparago, Emily Young. Long-term high salt diet causes hypertension and decreases renal expression of vascular endothelial growth factor in Sprague-Dawley rats. *Journal of the American Society of Hypertension* 2(4):275-85, 2008.
34. Wei Tan, **Amelia P. Bailey**, Megan Shparago, Brandi Busby, Jordan Covington, James W. Johnson, Emily Young, Jian-Wei Gu. Chronic alcohol consumption stimulates VEGF expression, tumor angiogenesis and progression of melanoma in mice. *Cancer Biology and Therapy* 6(8):1211-7, 2007.

35. **Amelia Purser Bailey**, Megan Shparago, Jian-Wei Gu. Exercise increases soluble vascular endothelial growth factor receptor-1 (sFlt-1) in circulation of healthy volunteers. *Medical Science Monitor* 12(2):CR45-50, 2006.
36. Jian-Wei Gu, Niu Tian, Megan Shparago, Wei Tan, **Amelia Purser Bailey**, R. Davis Manning, Jr. Renal NF $\kappa$ B activation and TNF $\alpha$  upregulation correlate with salt-sensitive hypertension in Dahl salt-sensitive (SS) rats. *American Journal of Physiology: Regulatory, Integrative and Comparative Physiology* 291(6):R1817-24, 2006.
37. Jian-Wei Gu, Megan Shparago, Wei Tan, **Amelia Purser Bailey**. Tissue endostatin correlates inversely with capillary network in rat heart and skeletal muscles. *Angiogenesis* 9(2):93-9, 2006.
38. Jian-Wei Gu, **Amelia Purser Bailey**, Amanda Sartin, Ian Makey, Ann L. Brady. Ethanol stimulates tumor progression and expression of vascular endothelial growth factor in chick embryos. *Cancer* 103(2):422-31, 2005.
39. **Amelia P. Bailey**, Elizabeth S. Ginsburg. Options for fertility preservation in female cancer patients. *U.S. Obstetrics and Gynecology* (In Press).

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#### BOOK CHAPTERS

1. **Amelia P. Bailey**, Serene S. Srouji, Antonio R. Gargiulo, authors. Robotic Myomectomy. In N. Kohli, J. Miklos (Eds.), *Surgical Atlas of Gynecology*, First edition (In press).
2. William H. Kutteh, Carolyn R. Jaslow, Paul R. Brezina, Raymond W. Ke, **Amelia P. Bailey**, Mary D. Stephenson, authors. Recurrent Pregnancy Loss: A new strategy for evaluation based on genetic testing. In M. Munro and V. Gomel (Eds.), *Reconstructive and Reproductive Surgery in Gynecology*, Second edition, 2019.
3. **Amelia P. Bailey**. Chapter 4. Mullerian Agenesis, contributing editor. In D. Lebovic, J. Gordon, R. Taylor (Eds.), *Reproductive Endocrinology & Infertility*, Second edition, 2013.
4. **Amelia P. Bailey**. Chapter 5. Septate Uterus, contributing editor. In D. Lebovic, J. Gordon, R. Taylor (Eds.), *Reproductive Endocrinology & Infertility*, Second edition, 2013.
5. **Amelia P. Bailey**, Elizabeth S. Ginsburg, authors. Chapter 2. Fertility Preservation Options for Females. In G.P. Quinn, S.T. Vadaparampil (Eds.), *Reproductive Health and Cancer in Adolescents and Young Adults*, First edition, 2012.

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#### ORAL PRESENTATIONS: NATIONAL AND INTERNATIONAL

1. "Body mass index in polycystic ovary syndrome patients undergoing in vitro fertilization". Polycystic Ovarian Syndrome Conference, Seattle, Washington, November 2015.
2. "Physician-Scientist Transitions: How to take those next steps". New England Journal of Medicine Career Center Conversations, online, August 2015.
3. "A survey of current practices in the surgical treatment of endometriosis and fibroids". AAGL Annual Meeting, Vancouver, BC, November 2014.
4. "A Fellow's Perspective of Robot-Assisted Reproductive Surgery". Faculty, Society for Reproductive Endocrinology and Infertility's Fellow Robot Boot Camp, Celebration, FL, January 2014.
5. "Single Incision Robotic Myomectomy". AAGL Annual Meeting Video Session, Las Vegas, Nevada, November 2012.
6. "Excellence in Innovation: Tips for the Transition from Training to Practice", Moderator of four-person panel. AAGL Annual Meeting, Las Vegas, Nevada, November 2012.
7. "Robotic Surgery in Gynecology". ASRM Annual Meeting Roundtable Lecturer, San Diego, California, October 2012.
8. "Single Incision Robotic Myomectomy". ASRM Annual Meeting Video Session, San Diego, California, October 2012.
9. "Robot-Assisted Laparoscopic Myomectomy". First assist, ASRM Annual Meeting Telesurgery, San Diego, California, October 2012.

10. "Effects of BMI on outcomes within a cohort of polycystic ovary syndrome patients undergoing in vitro fertilization". ASRM Annual Meeting, San Diego, California, October 2012.
11. "Feasibility of an animal model research project during residency in obstetrics and gynecology". AAGL Annual Meeting, Las Vegas, Nevada, November 2010.
12. "Pedicled omental flaps and autologous free omental grafts in the pelvis survive and do not increase adhesion formation in an animal model". ASRM Annual Meeting, Denver, Colorado, October 2010.
13. "Exercise increases soluble vascular endothelial growth factor receptor-1 (sFlt-1) in circulation of healthy volunteers". Plenary Talk, American Physiological Society Featured Topic, Experimental Biology Annual Meeting/XXXV International Congress of Physiological Sciences, San Diego, California, April 2005.

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**ORAL PRESENTATIONS: LOCAL (SELECTED)**

1. "Basic Reproductive Anatomy". Fertility Associates of Memphis Nursing Education Series, Memphis, Tennessee, February 2015.
2. "Basic Surgical Interventions". Fertility Associates of Memphis Nursing Education Series, Memphis, Tennessee, February 2015.
3. "Infertility Surgery". Fertility Associates of Memphis Patient Education Series, Memphis, Tennessee, May 2015.
4. "Embryology". Fertility Associates of Memphis Nursing Education Series, Memphis, Tennessee, June 2015.
5. "Oocyte and Embryo Cryopreservation". Fertility Associates of Memphis Nursing Education Series, Memphis, Tennessee, June 2015.
6. "Ovarian Reserve Testing". Fertility Associates of Memphis Nursing Education Series, Memphis, Tennessee, October 2015.
7. "Maternal Age-Related Pregnancy and Miscarriage Rates". Fertility Associates of Memphis Nursing Education Series, Memphis, Tennessee, October 2015.
8. "Reproductive Endocrinology and Infertility CREOG Review". Resident Didactic Series, Department of Obstetrics & Gynecology, Brigham and Women's Hospital, January 2012, January 2013, and January 2014.
9. "Polycystic Ovary Syndrome". Course Lecture, Epidemiology 269: Epidemiological Research in Obstetrics and Gynecology, Harvard School of Public Health, December 2013.
10. "Improving Quality in Health Care". Reproductive Endocrinology & Infertility Speaker Series, Brigham and Women's Hospital, November 2013.
11. "Ectopic Pregnancy". Resident Didactic Series, Department of Obstetrics & Gynecology, Brigham and Women's Hospital, June 2012.
12. "Basic Suturing Techniques". Brigham and Women's Hospital / Massachusetts General Hospital Obstetrics & Gynecology Orientation, June 2012.
13. "Ectopic and Other Abnormal Pregnancies". Center for Infertility and Reproductive Surgery Nurses' Retreat, December 2011, and Surgery Nurses in Practice Meeting, Brigham and Women's Hospital, March 2012.
14. "Passing the Torch: Administrative Chief Resident Orientation". Graduate Medical Education Seminar, University of Virginia Health System, March 2011.
15. "Pedicled omental flaps and autologous free omental grafts in the pelvis survive and do not increase adhesion formation in an animal model". Obstetrics & Gynecology Fellow and Resident Research Day, University of Virginia Health System, September 2010.
16. "First Trimester Bleeding". Resident and Medical Student Didactics, Department of Obstetrics & Gynecology, University of Virginia Health System, July 2010.
17. "Residency Basics". University of Virginia Health System Obstetrics & Gynecology Orientation, June 2010.

18. "Two Case Reports of Uterine Rupture: A Busy Night". Grand Rounds, Department of Obstetrics & Gynecology, Mercy Medical Center, Baltimore, Maryland, April 2008.
19. "A Case Report of Ectopic Pregnancy: Cornual versus Interstitial". Grand Rounds, Department of Obstetrics & Gynecology, Mercy Medical Center, Baltimore, Maryland, October 2007.
20. "Hypothenar Hammer Syndrome: Synopsis and Case Studies". Invited Lecturer, James Harvey Hendrix Lectureship, Department of Surgery, Division of Plastic & Reconstructive Surgery, University of Mississippi Medical Center, March 2006.
21. "Exercise increases soluble vascular endothelial growth factor receptor-1 (sFlt-1) in circulation of healthy volunteers". Departmental Seminar, Department of Physiology & Biophysics, University of Mississippi Medical Center, March 2005.
22. "Effects of sodium on blood pressure and renal cytokine gene expression profiles in normotensive rats". Deans' Summer Research Symposium, University of Mississippi School of Medicine, August 2004.
23. "The effects of conspecific facilitation on distress vocalizations and stress-induced analgesia in the Chick Social-Separation-Stress Procedure". Seminar, McDonnell-Barksdale Honors College, University of Mississippi, April 2002.

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#### POSTER PRESENTATIONS (SELECTED)

1. Jian-Wei Gu, Megan Shparago, Wei Tan, **Amelia P. Bailey**. The emerging role of VEGF in renal mechanisms of hypertension. American Society of Hypertension Annual Meeting, New York, New York, May 2006.
2. Wei Tan, Megan Shparago, **Amelia P. Bailey**, Jian-Wei Gu. Exercise training attenuates the progression of both atherosclerosis and hypertension in LDLR gene-knockout (-/-) mice. American Society of Hypertension Annual Meeting, New York, New York, May 2006.
3. **Amelia P. Bailey**, Jian-Wei Gu. High cholesterol diet induces hypertension, renal damage, and atherosclerosis in LDLR -/- mice. Experimental Biology Annual Meeting/XXXV International Congress of Physiological Sciences, San Diego, California, April 2005.
4. Jian-Wei Gu, **Amelia Purser Bailey**, Megan Shparago. Moderate alcohol intake decreases the protein levels of multiple pro-inflammatory factors in the kidneys of Sprague-Dawley rats. Experimental Biology Annual Meeting/XXXV International Congress of Physiological Sciences, San Diego, California, April 2005.

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#### PROFESSIONAL ACTIVITIES

Scientific Journal Reviewer (Human Reproduction; American Journal of Obstetrics and Gynecology; Gynecologic and Obstetric Investigation)

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#### OTHER CURRENT RESEARCH INTERESTS

- 2012-present Endometrioma and follicular fluid inflammatory signaling networks and their impact on IVF outcome. Brigham and Women's Hospital, Department of Obstetrics & Gynecology, Principal Investigator: Stacey Missmer.
- 2011-present Novel analysis of cell and cytokine networks in the peritoneal fluid of adolescent and pediatric endometriosis. Collaboration among Children's Hospital Boston Department of Gynecology, Brigham and Women's Hospital Department of Obstetrics & Gynecology, and Massachusetts Institute of Technology Department of Biological Engineering, Principal Investigators: Dr. Marc Laufer (CHB, BWH) and Dr. Linda Griffith (MIT).

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#### OTHER PROFESSIONAL INTERESTS

Improving Quality in Health Care utilizing Patient-Centered Care and Time-Driven Activity-Based Costing

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#### COMMUNITY SERVICE (SELECTED)

2009-2012 Author of patient educational material: 5 informational documents and 4 questionnaires  
2005 Hurricane Katrina Mobile Clinic, Jackson, Mississippi  
2001-2002 Mississippi Special Olympics (Team Coach)  
2001-2002 Young Life (Mentored high school students)  
1998-2002 Aid to the Blind / Service for Sight (Organized multiple fundraising and service activities)

Updated: April 19, 2019