

CURRICULUM VITAE

NAME: Esther Eisenberg, MD, MPH

EDUCATION:

September 1969- June 1972	State University of New York at Stony Brook, Stony Brook, New York
July 1972- June 1973	BA, City University of New York, Queens College, Flushing, New York Major area of study - English
July 1973- June 1976	MD, Albert Einstein College of Medicine, Bronx, NY 10461; Major area of study - Medicine
July 1976- June 1980	Residency in Obstetrics and Gynecology Department of Obstetrics and Gynecology, Tufts University School of Medicine, Boston, MA 02111
January- February 1979	Special Fellowship (2-month elective) Reproductive Endocrinology, Columbia University of Physicians and Surgeons, New York, NY (Preceptor: Dr. Ralph Jewelewicz)
July 1980- June 1982	Fellowship in Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Pennsylvania Hospital, University of Pennsylvania School of Medicine, Philadelphia, PA 19107
January- June 1981	Laboratory Instruction in Microvascular Surgery Pennsylvania Hospital, Philadelphia, PA
September- June 1981	Statistics for Health Professionals Wharton School, University of Pennsylvania, Philadelphia, PA
September 1998- May 2000	Master of Public Health, Vanderbilt University, Nashville, TN
January – May 2019	National Institutes of Health Senior Leadership Program

**LICENSURE AND
CERTIFICATION:**

Licenses:

Massachusetts	1977	Medical 41398
Pennsylvania	1980	Medical 023953E
Tennessee	1992	Medical 022089 (current)
California	2020	Medical (current)

Specialty Certification:

Diplomate, National Board of Medical Examiners 1976
Diplomate, American Board of Obstetrics and Gynecology 1983

Diplomate, Division of Reproductive Endocrinology, American Board of Obstetrics and Gynecology 1987
Voluntary Recertification in Obstetrics and Gynecology and Reproductive Endocrinology, ABOG -current

Certificate, Ethical and Regulatory Aspects of Clinical Research, National Institutes of Health, November 2016

ACADEMIC APPOINTMENTS:

July 1977-June 1980	Tufts University School of Medicine, Boston, MA Assistant Instructor, Department of OB/GYN
July 1980-June 1982	University of Pennsylvania School of Medicine, Philadelphia, PA Lecturer, Department of Obstetrics and Gynecology
July 1982-June 1990	University of Pennsylvania School of Medicine, Philadelphia, PA Assistant Professor of Obstetrics and Gynecology
July 1991-December 1991	University of Pennsylvania School of Medicine, Philadelphia, PA Clinical Assistant Professor of Obstetrics and Gynecology
January 1992-June 1996	Vanderbilt University School of Medicine, Nashville, TN Assistant Professor of Obstetrics and Gynecology
July 1996- June 2002	Vanderbilt University School of Medicine, Nashville, TN Associate Professor of Obstetrics & Gynecology
July 2002-December 2014	Vanderbilt University School of Medicine, Nashville, TN Professor of Obstetrics and Gynecology
March 2015-present	Vanderbilt University School of Medicine, Nashville, TN Professor Emerita of Obstetrics and Gynecology
December 2014-present	Fertility and Infertility Branch <i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Behavior, Division of Extramural Research, NIH Medical Officer, Fertility and Infertility Branch, Program Director of Reproductive Medicine and Infertility Program

HOSPITAL APPOINTMENTS

July 1979- June 1980	Administrative Chief Resident, Department of Obstetrics and Gynecology Tufts Affiliated Hospitals, Boston, MA
July 1982- June 1984	Staff Physician, Department of Obstetrics & Gynecology Pennsylvania Hospital, Philadelphia, PA
July 1984- June 1987	Assistant Obstetrician and Gynecologist Pennsylvania Hospital, Philadelphia, PA

July 1987- June 1991	Associate Obstetrician and Gynecologist Pennsylvania Hospital, Philadelphia, PA
July 1982-December 1986	Director, In Vitro Fertilization Program Pennsylvania Hospital, Philadelphia, PA
July 1984-December 1991	Head, Section on Reproductive Endocrinology Department of Obstetrics and Gynecology Philadelphia, PA
January 1992-November 2014	Staff Physician, Department Obstetrics & Gynecology Vanderbilt University Hospital
January 1992-December 2000	Consultant Staff - Baptist Hospital, Nashville, TN
July 1994-December 2010	Consultant Staff - Veteran's Administration Medical Center, Nashville, TN
January 1993-June 1998	Medical Director, In Vitro Fertilization Program, Vanderbilt University Medical Center, Nashville, TN
April 1992-December 2014	Medical Director, Therapeutic Donor Insemination Program, Vanderbilt University Medical Center, Nashville, TN
January 1994-December 1997	Physician Manager, Vanderbilt Center for Reproductive Medicine The Vanderbilt Clinic, Nashville, TN
January 1994-June 1996	Vanderbilt University Medical Center, Nashville, TN Acting Director, Division of Reproductive Endocrinology and Infertility, Department of Obstetrics & Gynecology
July 1996-December 2014	Vanderbilt University Medical Center, Director, Division of Reproductive Endocrinology & Infertility, Department of Obstetrics & Gynecology

PROFESSIONAL ORGANIZATIONS

- Fellow, American College of Obstetrics & Gynecology
- American Society for Reproductive Medicine
- The Endocrine Society
- Society of Reproductive Endocrinology and Infertility
- Society for Reproductive Investigation

ACADEMIC OR PROFESSIONAL HONORS

1969-1973	New York State Regents Scholar
1981-1982	ACOG/Mead Johnson Clinical Research Fellowship
2001-03	APGO/Mead Johnson Program for Postmenopausal Women Award

Eisenberg/page 4

- 1994 American Fertility Society First Prize Video Award
Sonohysterography: A Technique for the evaluation of the endometrial cavity. A Cullinan, AC Fleischer, J Vasquez, E Eisenberg, DM Kepple, An Arnold. San Antonio, TX.
- 1994 American Fertility Society Third Place Prize Poster Winner
Role of Matrix Metalloproteinases in the Establishment of Ectopic Sites of Human Endometrium in the Nude Mouse. KG Osteen, KL Bruner, E Eisenberg, JM Vasquez, F Gorstein. San Antonio, TX.
- 1996 President's Prize Paper, District VII ACOG, New Orleans, LA, July 1996
- 2007 First Prize, Best Resident Research Paper, Vanderbilt University Department of Obstetrics and Gynecology.
Dion D, Scott T, Eisenberg E. Changes in HRT Recommendations since the WHI Study
- 1998 Recognized as one of Nashville's "Top Docs", Nashville Life Magazine 10/98
- 2008-2014 Best Doctors in America recognized annually
- 2011 Selected by Peers as one of US News Top Doctors (Reproductive Endocrinology and Infertility)
- 2006-14 America's Top Obstetricians and Gynecologists recognized annually
- 2008 Award for Collaborative Excellence, Vanderbilt University Medical Center, Dept of Obstetrics and Gynecology
- 2009 Barbara Eck Menning Founders Award
National award presented annually to an individual or group who has demonstrated leadership in the field of infertility or infertility resolution. Awarded to Reproductive Sciences Branch, Center for Population Research, NICHD, NIH
- 2012 ASRM Service Milestone Award for 20 years of service to ASRM
- 2013 ASRM/IFFS 2013 Scientific Prize Paper award for research: "Effect of letrozole versus clomiphene on live birth in women with anovulatory infertility due to polycystic ovary syndrome (PCOS): a randomized double-blind multi-center trial" – NIH/NICHD Reproductive Medicine Network
- 2014 Finalist for Prize Paper session at ASRM Annual Meeting
- 2015 National Institutes of Health Merit Award for outstanding service in developing and implementing the NICHD Data and Specimen Hub
- 2015 National Institutes of Health Award of Merit for exceptional leadership as Project Scientist of the Reproductive Medicine Network
- 2016 NICHD Merit Award as member of Clinical Trials Stewardship Working Group
- 2016 National Center for Environmental Health/Agency for Toxic Substances and Disease Registry Award for Excellence in Partnering for successful efforts to increase awareness on the importance of lab standardization programs

2017	ASRM Women's Council Distinguished Service Award
2017	NICHD Outstanding Mentor Award
2014-2018	Certificate of appreciation and recognition of contributions to the work of the College as Member of the CDRP-Gynecology, ACOG
2018	Clinical Trials Operations Workgroup (CTOW) Recognition Letter for outstanding contribution as member of the Randomization and Delivering Interventions Subcommittee
2018	Reviewer of the Year, Fertility and Sterility
2018	ASRM Suheil J. Muasher, MD Distinguished Service Award as member of Fertility and Infertility Branch of NICHD
2018	NICHD Merit Award for Reproductive Medicine Network
2018	NICHD Collaboration Award, Opioid Initiatives Working Group
2019	NIH Director's Award as member of the NICHD Impact Analysis Working Group
2019	NICHD Merit Award, Maternal Mortality Working Group
2019	NICHD Merit Award, Clinical Trials Risk Review Committee

PROFESSIONAL SERVICE and ACTIVITIES

Vanderbilt University Medical Center

1991- 2014 Educational, training and administrative committees for Department of Obstetrics and Gynecology
Mentor to faculty, residents, and students at Vanderbilt University School of Medicine, and rotating students on elective, clinical preceptor for endocrinology fellows at VUMC
Developed curriculum and Course Director of Sexuality and Reproductive Health Elective (2000-2012), Reproductive Endocrinology and Infertility elective (1998-2014)
Developed curriculum (12 lectures) on Menopause and Reproductive Aging

American Society for Reproductive Medicine

1994-2016 Member, Sessions Management Committee, American Society of Reproductive Medicine
1997-2016 Member, Abstract Review Committee, ASRM (1997-present); Poster Prize Committee ASRM
General Program Chair for Year 2000 ASRM meeting; Member, Poster Judging Committee, ASRM Annual Meeting, October 2005-2007
2008-2018 Member, Editorial Board, Fertility and Sterility
-Ad hoc Reviewer, Human Reproduction, Obstetrics and Gynecology, American Journal of Obstetrics and Gynecology, European Journal of Obstetrics & Gynecology and Reproductive Biology, American Society of Law, Medicine & Ethics, Mayo Clinical Proceedings, Evidence-based Obstetrics & Gynecology, American Journal of Epidemiology, Up-To-Date; Ad hoc reviewer of manuscripts, Johns Hopkins Press Health Division

- 2016- present Liaison to ASRM-NICHD CREST Program-mentorship of junior investigators on clinical research in reproductive endocrinology and infertility
- National Institutes of Health
- 1998-2008 Reviewer, Scientific Review Panel for NIH/NICHD Multiple Special Study Sections
- 2008-2018 Project Scientist, NICHD Cooperative Reproductive Medicine Network
- 2010-present Representative of NICHD, PATH-Partnership Towards Accurate Testing of Hormones, Endocrine Society
- 2016-present NICHD Coordinator of the Clinical Research/Reproductive Scientist Training (CREST) Program
- 2013-2016 Member, Data and Safety Monitoring Board, PCOS_Act Clinical Trial. JAMA 2017;317(24):2502-14
- American College of Obstetricians and Gynecologists
- 2010-present ACOG Committee work: Member, Committee on Gynecologic Practice (2010-2013), Gynecology Document Review Committee (2013-2017), Patient Education Review Panel (2017-present)
- 2013 Consultant to National Board of Medical Examiners - NSMLE Step 2 Standard Setting Committee
- North American Menopause Society
- 2005-2007 Member, Professional Education Committee, North American Menopause Society (NAMS)
-Special Task Force on Advertising, NAMS; Member, Research Committee, NAMS; Abstract Review Committee
- 2010 Reviewer, HHS-Office of Public Health and Science, Embryo Donation/Adoption Program Review
- 2010 Scientific Program Committee and Abstract Review Committee, Society for Gynecologic Investigation
Member, Infertility Research Working Group of CDC Infertility National Action Plan
- 2008 Reviewer, The Netherlands Organisation for Health Research and Development (ZonMw)
- 2009 Reviewer, Grant application Association for International Cancer Research, United Kingdom-Long-term outcomes of Assisted Reproductive Technologies
- 2012-2016 Member, Data and Safety Monitoring Committee, PCOS-ACT Clinical Trial
- 2019 Federal ex officio member, Maternal Infant Health Quality Improvement Committee

Planning and Organizing Committees for NICHD Workshops

Is Fecundity Changing? September 2015 See Smarr MM, Sapra KJ, Gemmill et al. Is Human fecundity changing? A discussion of research and data gaps precluding us from having an answer. Hum Reprod, 2017: pp 1-6

NICHD Workshop on Research Opportunities in Health Systems Partnerships, Bethesda, MD, May 2016

NICHD/ASRM Workshop on Advancing Science and Practice to Improve Access to Reproductive Care, Salt Lake City, Utah, October 2016

Co-chair for NICHD Workshop on Maternal Mortality: Future Research Directions, May 2-3, 2019

Co-lead on NICHD contract to National Academy of Sciences, Engineering and Medicine on Birth Settings In America-Outcomes, Quality, Access, and Choice. Pre-published February 6, 2020.

Funding Initiatives Developed

2016 Led initiative development of 'Characterization of the Adolescent Reproductive Transition', PA 16-314 R01 Research Project Grant, PA-16-315, R21 Exploratory Development Grant, PA-16-316, R03, Small Grant Program. <https://grants.nih.gov/grants/guide/pa-files/PA-16-314.html>

2017 Developed NICHD RFA SBIR initiative for Point of Care Technologies in reproduction and high-risk obstetrics and pediatrics

2018 Conceived and led the transition of the NICHD Cooperative Reproductive Medicine Network from a cooperative program (including Project Scientist from NICHD on Steering Committee) to an Investigator-initiated Linked-R01 Multisite Clinical Trial Program, Consortium for Infertility and Reproductive Medicine (ConFIRM)

2019 Led initiative development of 'Technologies to Advance Precision Medicine Diagnosis and Treatment of Infertility, Reproductive Tract and Gynecologic Disorders Affecting Fertility (R43/R44 Clinical Trial Optional)' <https://grants.nih.gov/grants/guide/rfa-files/RFA-HD-20-010.html>

Public Service Education Seminars

"Assisted Reproductive Techniques", "Age-related Infertility and Recurrent Miscarriage", Women's Health Seminar, Vanderbilt University Medical Center, Nashville, TN, October 3, 1992

"Evaluation of Infertility", RESOLVE, Nashville, TN, May 12, 1992

"Endometriosis", Infertility", "Osteoporosis and Cardiovascular Risks of Estrogen Deficiency", Women's Health/Infertility Seminar, Vanderbilt University Medical Center, Nashville, TN, February 25, 1993

"Osteoporosis and Cardiovascular Risks of Estrogen Deficiency", Women's Health/Infertility Seminar, Vanderbilt University Medical Center, Nashville, TN, June 24, 1993.

"IVF: Advances and New Developments," Women's Health/Infertility Seminar, Vanderbilt University Medical Center, Nashville, TN, December 12, 1994

"Infertility", Women's Health Series, Margaret Cuninggim Women's Center, Nashville, TN, April 19, 1995.

Panelist, Medical Resources for Girl's Symposium, Today's Girls in Tomorrow's World, Harpeth Hall School, Nashville, TN, March 1-2, 1996

Speaker, for Resolve, Understanding Statistics Related to Assisted Reproductive Technologies, Nashville, TN, September, 1996; New Developments in Infertility Treatment, January 1998

9. Faculty, Adult Education Series, University School of Nashville, Topic "Menopause Is It Hot or Is It Me?" 2/1997, 2/1998, 2/1999

Guest Appearance on Channel 5 Morning Line news program regarding reproduction and fertility research, January 1998

Interviewed and quoted by Woman's Day, Parents, Redbook, Vogue (2019) New York Times(2019) and Wall Street Journal(2016)

Guest Appearances on Nashville Channel 2 Morning Program regarding Osteoporosis in Women, October 1999.

Guest Appearance on Nashville Channel 5 Medical Monday Open Line Program on Menopause, June 18, 2001; Program on Endometriosis 7/23/01, and Talk of the Town interview 11/20/01; interview 9/22/03 on hormone replacement therapy, 1/9/04 to discuss hysterectomy

Guest Editorial in The Tennessean on Long-acting Contraception for women. 6/2009.

Interviewed by Channel 5 News regarding Adverse Consequences of HRC hormone treatment.12/2011

LECTURES BY INVITATION

1. Reproductive Effects of in Utero Diethylstilbestrol Exposure. Grand Rounds, Department of OB/GYN, Lankenau Hospital, Philadelphia, Pennsylvania, August 19, 1987
2. In vitro Fertilization and Gamete Intra-fallopian Transfer: A Conference on Infertility, Thomas Jefferson University, Philadelphia, PA, October 10, 1987
3. Estrogen Replacement Therapy, Central New York Academy of Medicine, Utica, NY, October 28, 1987
4. DES and Reproductive Effects. OB/GYN Section Central New York Academy of Medicine, Utica, NY, October 28, 1987
5. Secondary Amenorrhea and Related Menstrual Disorders. Professional Staff Conference U.S. Army Medical Department, Fort Dix, NJ, March 23, 1988
6. Cardiovascular Effects of the Menopause Poughkeepsie, NY, October 19, 1988
7. Cardiovascular Effects of the Menopause, Albany, NY, November 2, 1988
8. Reproductive Options (Ova Donation) for Turner's Syndrome, Hahnemann University Hospital, Philadelphia, PA, June 24, 1989
9. Controversial Issues Related to Menopause, Grand Rounds, Dept. of Medicine, Medical College of Pennsylvania Philadelphia, PA, July 6, 1989
10. Hormonal Replacement Therapy in the Menopause, Grand Rounds, Dept. OB/GYN, Woodhull Hospital, Brooklyn, NY, July 7, 1989
11. Lasers In Infertility, Pennsylvania Hospital Women's Health Care Conference, Grand Cayman, British West Indies, February 18, 1990
12. Old Problems/New Directions: Recent Innovations in GYN Infertility Practice, PA Hospital Women's Health Care Conference, Grand Cayman, BWI, February 18, 1990
13. Cardiovascular Changes in Menopause, Grand Rounds, St. Agnes Hospital Philadelphia, PA, March 28, 1990
14. Osteoporosis in Relation to Menopause, Bedford County Medical Society, Bedford, PA, May 17, 1990
15. Osteoporosis-Prevention and Treatment, Grand Rounds, St Joseph's Hospital, Chicago. Hospital, Chicago, IL, June 20, 1990
16. Infertility in the Older Woman, Round Table-The American Fertility Society, Washington, DC, October 15, 1990
17. Induction of Ovulation, Department OB/GYN, Geisinger Medical Center, Danville, PA, November 14, 1990
18. Reproductive Problems in the Older Woman, OB/GYN Grand Rounds, Grady Memorial Hospital, Emory Medical School, Atlanta, GA, November 19, 1990
19. Hip Fracture: Osteoporosis, Nashua Memorial Hospital, NH, November 29, 1990
20. Infertility in the Older Woman, Grand Rounds, University of Maryland School of Medicine, Baltimore, MD, December 7, 1990
21. Infertility in the Older Woman - Round Table, American Fertility Society, Orlando, FL, October 21, 1991.
22. The Menopause, OB/GYN Rounds, Good Samaritan Hospital, Lebanon, PA, December 11, 1991
23. In Vitro Fertilization, an Overview and Update, OB/GYN Grand Rounds, Hahnemann University Hospital, Philadelphia, PA, January 24, 1992
24. Infertility in the Older Woman, Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, March 28, 1992
25. Unexplained Infertility - Evaluation and Treatment, - OB/GYN Conference, Clarksville Memorial Hospital, Clarksville, TN, May 29, 1992
26. Age-Associated Infertility and Reproductive Failure, Ob/Gyn Conference, Baptist Hospital, Nashville, TN, June 17, 1992
27. New Methods of Assessing Luteal Dysfunction, American Fertility Society, Round Table, New Orleans, LA, November 2, 1992

28. Osteoporosis - A Preventable Tragedy, Ob/Gyn Grand Rounds, Medical College of Georgia, Augusta, GA, January 7, 1993
29. Recurrent Pregnancy Loss, Physician Practicum, Vanderbilt University Medical Center, Nashville, TN, March 5, 1993
30. Diagnosis and Treatment of Male Infertility, Physician Practicum, Vanderbilt University Medical Center, Nashville, TN, April 16, 1993
31. Recurrent Pregnancy Loss", Mountain Update in Women's Health - Reproductive Endocrinology and Infertility, Johnson City, TN, April 23, 1993
32. Management of Recurrent Abortion, The Stork Club Vanderbilt Ob/Gyn Society 5th Reunion, Opryland Hotel, Nashville, TN, April 24, 1993
33. Menopausal Issues, Spring Update for Women's Health, Co-sponsored by Emory University Regional Training Center for Family Planning, Nashville, TN, May 21, 1993
34. Current Reproductive Health Issues for Clinicians, Nashville, TN, May 21, 1993.
35. Postmenopausal Replacement Therapy: Rationale, Risk Factors and Follow Up, 1993 Family Medicine/Primary Care Update, Vanderbilt University Medical Center, Nashville, TN, June 18, 1993
36. Infertility, Ob/Gyn Grand Rounds, Bowling Green Medical Center, Bowling Green, KY, September 21, 1993
37. Recurrent Miscarriages, AWHONN District VII Conference, Nashville, TN, September 21, 1993.
38. Infertility and New Assisted Reproductive Technologies, Endocrinology Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, October 5, 1993
39. Evaluation and Treatment of Infertility in the Older Woman, Round Table, American Fertility Society, Montreal, Canada, October 14, 1993
40. Menopause-Risks and Benefits of Hormone Replacement, Vanderbilt University Medical Center Postgraduate Course, New Developments in Gynecology, October 30, 1993
41. Menopause-Hormone Replacement Therapy: An Overview, Virginia Beach Family Practice Meeting, Virginia Beach, VA, November 9, 1993
42. Estrogen Replacement Therapy, Ob/Gyn Grand Rounds, D.C. General Hospital, Washington, D.C., January 26, 1994
43. Assisted Reproductive Technology and Male Infertility, 5th Annual WF Bernell James Ob/Gyn Symposium, Meharry Medical College, Nashville, TN, February 13, 1994
44. New Assisted Reproductive Technologies, Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, March 30, 1994
45. General Management of Infertility, Medical Conference, Bedford County General Hospital, Shelbyville, TN, August 11, 1994
46. Utility of Transvaginal Ultrasound in Reproductive Gynecologic Practice, Round Table, American Fertility Society, San Antonio, TX, November 7, 1994
47. New Developments in Continuous Hormone Replacement, Symposium on Primary Care Medicine for Ob/Gyn, Baptist Center for Medical Education, Nashville, TN, April 28, 1995
48. Update on Birth Control, 12th Annual Family Medicine/Primary Care Update, Vanderbilt University Medical Center, Nashville, TN, May 18-21, 1995
49. The Problem Post Menopausal Patient, 7th Annual Lonnie S. Burnett Vanderbilt Ob/Gyn Society, Nashville, TN, June 16, 1995
50. Management of Post-reproductive Problems, Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, September 13, 1995
51. Hypermenorrhea: Diagnosis, Evaluation and Medical Management, ACOG District VII Annual Meeting, Opryland Hotel, Nashville, TN, September 18, 1995
52. Ultrasound in Reproductive Gynecologic Practice, Round Table, American Society of Reproductive Medicine, Seattle, WA, November 11, 1995
53. Hormone Replacement Therapy and the Older Woman, Satellite Symposium at the 1996 Annual Meeting of the American Geriatrics Society, Chicago, IL, May 2, 1996

54. Hormonal Replacement in the Postmenopausal Period, 13th Annual Family Medicine/Primary Care Update, Vanderbilt University Medical Center, Nashville, TN, May 18, 1996
55. Osteoporosis: ERT vs. Biphosphonates, 8th Annual Lonnie S. Burnett Vanderbilt Ob/Gyn Society Meeting, Amelia Island, FL, June 8, 1996
56. Hysteroscopic Surgery in Reproductive Endocrinology and Infertility, American Society for Reproductive Medicine, Boston, MA, November 6, 1996
57. Management of Hysteroscopic Complications. Ob-Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, November 20, 1996
58. Infertility. Harton Regional Medical Center, Tullahoma, TN, January 30, 1997
59. Menopause: New Developments 1997. Ob/Gyn Grand Rounds, Meharry Medical College, School of Medicine, Nashville, TN, April 7, 1997
60. Menopause Management. 14th Annual Family Medicine Primary Care Update. Vanderbilt University Medical Center, Nashville, TN, May 17, 1997
61. Assisted Reproductive Techniques: The Present and the Future. 1997 Lonnie S. Burnett Vanderbilt Ob-Gyn Society Meeting. Vanderbilt University Medical Center, Nashville, TN, June 13, 1997
62. Update on Menopause Management. Stark County Ob/Gyn Society. Canton, OH, November 19, 1997
63. Contraceptive Update. 15th Annual Family Medicine Primary Care Update, Vanderbilt University Medical Center, Nashville, TN, May 16, 1998
64. Medical Management of Endometriosis. 10th Annual Lonnie S. Burnett Society Meeting, Lake Lanier, GA, June 20, 1998
65. Clinical Management of Endometriosis. Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, March 17, 1999
66. Progesterone Use in Hormone Replacement, Nashville, TN, April 23, 1999
67. Assisted Reproductive Technologies. National Association of Neonatal Nurses, Nashville, TN, August 3, 1999
68. Osteoporosis: Same Old Song, Different Tune, New Therapies. The Arthritis Foundation, Nashville, TN, September 10, 1999
69. Options for Prevention and Treatment of Osteoporosis, Round Table, American Society of Reproductive Medicine, Toronto, Canada, September 28, 1999
70. Discussant of Prize Paper for Society of Reproductive Endocrinology at ASRM Meeting, Toronto, Canada. September 30, 1999
71. Menopausal Hormone Replacement Therapy, Ob/Gyn Grand Rounds, Albert Einstein Medical Center, Philadelphia, PA, March 1, 2000
72. Dysfunctional Uterine Bleeding, A Clinical Perspective, Endocrinology Grand Rounds, Vanderbilt University Medical Center, Nashville, TN May 9, 2000
73. Evidence-Based Therapy of Menopausal Osteoporosis, Medicine Grand Rounds, Carroway Medical Center, Birmingham, AL, May 16, 2000
74. Update on Osteoporosis CME program, Nashville, TN June 8, 2000
75. New Developments in Menopausal HRT, Lonnie S. Burnett Vanderbilt Ob/Gyn Society, Amelia Island, FL, June 22, 2000
76. Menopause, Hormone Replacement Therapy and Alternatives, Sixth Annual Women's Health Forum, Anderson, SC, August 26, 2000
77. Prevention and Treatment of Osteoporosis, Round Table, American Society of Reproductive Medicine, San Diego, CA, October 23, 2000
78. Hormone Replacement Therapy: Perception and Reality, Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, March 28, 2001
79. Women's Health: A Comprehensive Approach Conference, Menopausal Hormone Replacement, and Osteoporosis. East Tennessee State University, Johnson City, TN, April 20, 2001

80. Faculty, 2001 Lonnie S. Burnett Vanderbilt OB/GYN Society. Clinical program in Reproductive Endocrinology, Nashville, TN, June 9, 2001
81. Dysfunctional Uterine Bleeding. Medical Education Resources CME program. Banff, Canada. August 9, 2001
82. Practical Considerations in Hormone Replacement Therapy. American GYN Club, 2001 Annual Meeting, Nashville, TN October 6, 2001
83. New Developments in Osteoporosis. Round Table, American Society of Reproductive Medicine, Orlando, FL October 22, 2001
84. Menopausal Hormone Replacement Therapy: An Overview. Obstetric and Gynecology Grand Rounds, Murfreesboro Veterans Affairs Medical Center, Murfreesboro, TN, February 8, 2002
85. Practical Considerations for Menopausal Therapy. Obstetrics and Gynecology Grand Rounds, University of Tennessee Medical Center, Knoxville, TN, March 8, 2002
86. Perimenopause. Primary Care Update, Vanderbilt University Medical Center, Nashville, TN, May 19, 2002
87. Hormone Replacement Therapy and Prevention: A Debate. East Tennessee State University, Johnson City, TN, September 26, 2002
88. Update on Hormone Replacement Therapy: Round Table Discussion, Thomas E. Brittingham Society-2002 Reunion, Vanderbilt University Medical Center, Nashville, TN October 25, 2002
89. The WHI Study: Impact on Osteoporosis. Bone Club CME, Western Baptist Hospital, Paducah, KY, February 27, 2003
90. HRT Revisited 2003: A Paradigm Shift. Medical Grand Rounds, Jennie Stuart Medical Center, Hopkinsville, KY, March 5, 2003
91. Overview of WHI: Implications for HRT. Obstetrics and Gynecology Grand Rounds, Vanderbilt University, Nashville, TN, March 7, 2003
92. SERMs: An Overview. Obstetrics and Gynecology Grand Rounds, University of Louisville, Louisville, KY, March 12, 2003
93. The Impact of the Women's Health Initiative on Osteoporosis, 31 Annual AAPA Conference, New Orleans LA May 26, 2003
94. Diabetes and Menopause. Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN November 21, 2003
95. Faculty, Challenges in Gynecology, CME program sponsored by Symposia Medicus, New York, NY December 19-21, 2003
96. Diabetes and Menopause. Ob/Gyn Grand Rounds, Meharry Medical Center, Nashville, TN. March 4, 2004
97. The Women's Health Initiative: A clinical perspective. Primary Care Update, Vanderbilt University, Nashville, TN, May 20, 2004
98. What's a Woman to do? Choices for Postmenopausal Osteoporosis. Osteoporosis: Practical Cases for the Office Practitioner. Vanderbilt University Medical Center, Nashville, TN 7/30/04
99. Clinical implications of WHI. Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN, 11/19/04
100. New Developments in Contraception. Lonnie Burnett Society, Vanderbilt University Medical Center, Nashville TN, October 2005
101. Menopause Management. 2006 Annual Meeting American Psychiatric Association, Toronto, ON 5/21/06
102. Ethics in Research Seminar. Stem Cell Research: The Korean Debacle. Vanderbilt University Medical Center, June 2006
103. Polycystic Ovarian Syndrome: Clinical Evaluation and Management. Gateway Medical Center Ob/Gyn Grand Rounds, Clarksville, TN May 2007
104. Discussant-Abstract O-123, Assessment of Antimullerian Hormone levels in Prepubertal Children undergoing Gonadotoxic Chemotherapy; 63rd American Society of Reproductive Medicine. Washington DC, 10/16/07
105. Discussant. Emphasis Forum III Vanderbilt University School of Medicine, April 22, 2008
106. Hormonal Contraception. Miami Ob/Gyn Society. President's Guest Lecturer. Miami, FL, October 2008
107. Menopause Management: Postmenopausal Hormone Therapy. University of Tennessee Medical Center at Memphis, Memphis, TN 1/9/09

108. Infertility: Time is of the Essence 2011. Ob/Gyn Grand Rounds, Wayne State University Medical Center, Detroit, MI March 1 2011
109. Menopause Management. Vanderbilt Health Williamson Lecture Series CME. Cool Springs, TN 6/2/11
110. CREST Symposium. Panel member. American Society of Reproductive Medicine, Orlando, FL 10/19/11
111. Evaluation and treatment of dermatologic manifestations of Hyperandrogenism and PCOS. Dermatology Grand Rounds. Vanderbilt University Medical Center, 9/29/13
112. Polycystic Ovary Syndrome: Characteristics and Outcomes of an Infertility Treatment Trial. Ob/Gyn Grand Rounds, Vanderbilt University Medical Center, Nashville, TN 11/15/13
113. Contemporary Management of Polycystic Ovary Syndrome. South Central Obstetrics and Gynecologic Society, Nashville, TN 5/2/14
114. An Evidence Based Approach to Management of Infertility. Grand Rounds. Georgia Regents University, Augusta, GA 4/1/15
115. Navigating the NIH. New Investigator Career Development Forum, 63rd Annual Meeting of Society of Reproductive Investigation, Montreal Canada, March 2016
116. Discussant, Fertility Status and Overall Health NICHD-CDC Workshop, Bethesda, MD, April 2016
116. Reproductive Medicine Network Update, Fertility and Infertility Branch Director's Meeting, NICHD, Bethesda Maryland, May 2016
117. On-line Presentation--NICHD: Taking Aim at Endometriosis- Videocast April 2015.
<https://www.nichd.nih.gov/news/profiles/KnowNICHD/eisenberg/Pages/default.aspx>
118. Society of Reproductive Investigation seminar- The NICHD Cooperative Reproductive Medicine Network: From Concept to Clinical Practice, Paris, France March 2019.
119. Meet the NICHD Program Directors, Presentation at The Endocrine Society, 2016-2020 annually.

RESEARCH:

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| 1993 | Principal Investigator, ICI Pharmaceuticals Group, "A Multi center Trial Comparing 3.6 mg ZOLADEX Therapy with or Without Hormone Replacement Therapy for the Treatment of Endometriosis". |
| 1994 | Co-Investigator, Evaluation of the Safety and Effectiveness of HAL-F Bioresorbable Membrane in Limiting Postoperative Adhesion Formation to Serosal Tissue (Genzyme). |
| 1994 | Co-Investigator, Evaluation of Safety and Efficacy of Metrodin HP Administrated by Subcutaneous Route to WHO Group II Anovulatory Infertile Women (Serono). |
| 1999-2000 | Co-investigator, Parke-Davis Research, BELLES Study, a multi-center trial beyond endorsed lipid lowering with EBCT scanning. |
| 2001-02 | Principal Investigator APGO/MEAD Johnson Program for Postmenopausal Women, Development of a curriculum combining menopause and epidemiologic concepts for Ob/Gyn residency training. Award: \$15,000. |
| 2003-05 | Investigation of Hot Flashes among women treated for prevention of osteoporosis with raloxifene |
| 2008-present | Project Scientist of the Reproductive Medicine Network, Fertility and Infertility Branch, NICHD |
| 2011-2014 | Co-Investigator on NIA Grant (Paul Newhouse, MD Principal Investigator) |

- 1 RO1 ES014942-04 Osteen (PI); 9/1/06-6/30/11, NIH/NIEHS
Dioxin Exposure and the Invasive Pathogenesis of Endometriosis
This project will more closely examine the potential role of TCDD in the pathogenesis of endometriosis, particularly about developing an understanding of the inflammatory-like effects of this toxin.
Role: Co-Investigator
- R01 HD055648-03 Osteen (PI); 5/1/07-3/31/12, NIH/NICHD
Loss of Complement-Protective CD55 Expression in Endometriosis
The goals of this project are to examine regulation of endometrial CD-55 expression in women with endometriosis and determine whether altered regulation of this protein plays an immunological role in the pathogenesis of this disease.
Role: Co-Investigator
- U54 HD052668-03 Taylor (PI)/ NICHD Osteen (subcontract); 4/1/07-3/31/12, NIH/
Center for Endometrial Biology and Endometriosis-Consortium
The major goals of project 3 within the SCCPRR center grant (at Yale University School of Medicine) is to examine whether a chronic pattern of epithelial dominant cell-cell communication within the eutopic endometrium of women with endometriosis acts to reduce progesterone-mediated tissue maturation and whether epithelial-derived factors promote the invasive capacity of human endometrial tissues in a chimeric model of endometriosis. Our chimeric model of endometriosis will also be offered as a core service to other projects with the Yale SCCPRR.
Role: Co-Investigator
- U54 HD37321 Osteen (PI); 4/15/99-3/31/05, NIH/NICHD
Uterine Biology and the Pathophysiology of Endometriosis
This project investigated the regulation of MMPs by progesterone and progesterone-mediated factors in the establishment and progression of endometriosis.
Role: Consultant
- G7041337 Osteen (PI); 12/15/97-12/14/02, Environmental Protection Agency
Dioxin and Steroid Regulation in an Endometriosis Model
TCDD (dioxin) has been linked to the development of endometriosis. The studies in this grant focused on the ability of TCDD to disrupt progesterone action in vitro and in a nude mouse model of endometriosis.
Role: Consultant
- HOPE Study Eisenberg (PI); 1995-1998, Wyeth-Ayerst Research
A prospective, double-blind randomized study of the safety and efficacy of lower doses of Premarin and Medroxyprogesterone acetate in postmenopausal women (HOPE study)
Role: Principal Investigator at Vanderbilt site

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