

Curriculum Vitae

1/2020

Kurt Thomas Barnhart, M.D., M.S.C.E.

Office Address: University of Pennsylvania Medical Center
 Division of Reproductive Endocrinology and Infertility
 3701 Market Street, Suite 800
 Philadelphia, PA 19104-5509

Education: 1984 B.S. Tufts University (Biology)
 1988 M.D. Mount Sinai School of Medicine
 1998 M.S.C.E. University of Pennsylvania (Clinical Epidemiology and Biostatistics)

Postgraduate Training and Fellowship Appointments:

7/88-6/92 Intern and Resident
 Departments of Medicine and Obstetrics and Gynecology,
 Hospital of the University of Pennsylvania, Philadelphia, PA

7/92-6/93 Rockefeller Foundation Social Science Research Fellow
 Placement: Department of Obstetrics and Gynecology
 University of Chile School of Medicine, Santiago, Chile

7/93-6/95 Fellowship, Reproductive Endocrinology and Infertility
 Hospital of the University of Pennsylvania, Philadelphia, PA

Military Service: None

Faculty Appointments:

1993 - 1997 Instructor, Department Obstetrics and Gynecology,
 University of Pennsylvania School of Medicine

1997 - 2004 Assistant Professor, Department of Obstetrics and
 Gynecology University of Pennsylvania School of Medicine

2000 - 2004 Assistant Professor, Department of Epidemiology
 University of Pennsylvania School of Medicine

2004 -2010 Associate Professor, Department of Obstetrics and
 Gynecology University of Pennsylvania School of Medicine

2004 -2010 Associate Professor, Department of Epidemiology
 University of Pennsylvania School of Medicine

2010 - 2011 Professor, Department of Obstetrics and Gynecology
 University of Pennsylvania School of Medicine

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| 2010 - | Professor, Department of Epidemiology
University of Pennsylvania School of Medicine |
| 2011 - | The William Shippen, Jr. Professor of Obstetrics and
Gynecology, University of Pennsylvania School of
Medicine |

Hospital and Administrative Appointments:

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| 1995- | Attending Physician, Hospital of the University of Pennsylvania |
| 1997- | Director, Reproductive Research Unit, Division of Reproductive
Endocrinology and Infertility, Hospital of the University of Pennsylvania |
| 2002- | Associate Director, Division of Reproductive Endocrinology and
Infertility, Hospital of the University of University of Pennsylvania |
| 2003-08 | Director of Donor Egg/Embryo Program, University of Pennsylvania |
| 2006- | Director, Women's Health Clinical Research Center, Department of
Obstetrics and Gynecology, University of Pennsylvania |
| 2007-2011 | Director, Resident Research, Department of Obstetrics and Gynecology,
University of Pennsylvania |

Other Appointments:

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| 1998- | Senior Scholar, Center for Clinical Epidemiology and Biostatistics,
University of Pennsylvania School of Medicine |
| 2000- | Member, Biomedical Graduate Studies (BGS),
University of Pennsylvania School of Medicine |
| 2008-2013 | Assistant Dean for Clinical Research Operations,
University of Pennsylvania School of Medicine |
| 2013- | Vice Chair for Clinical Research, Dept. of Ob/Gyn |

Specialty Certification:

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| 1996 | Board Certified, American Board of Obstetrics and Gynecology,
General Obstetrics and Gynecology |
| 1999 | Board Certified, American Board of Obstetrics and Gynecology,
Reproductive Endocrinology and Infertility |

Licensures: Pennsylvania MD-043019-L

Awards and Honors and Membership in Honorary Societies:

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| 1988 | Alpha Omega Alpha |
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- 1992 Mead Johnson Young Investigator Travel Award, American College of Obstetricians and Gynecologists, Las Vegas. NV
- 1992 Second Prize, Philip Williams Prize Paper Award, District III ACOG: *The Prompt Diagnosis of Ectopic Pregnancy in an Emergency Department Setting*
- 1995 Philadelphia Area Reproductive Endocrine Society (PARES). Outstanding Original Research Award: 2nd Place: *Is Medical Management of Interstitial Pregnancies Safe?*
- 1995 Co-recipient, Wyeth ACOG Section Award for Community Service District III. Co-founder of PROGRESS (Pennsylvania Residents in Obstetrics and Gynecology Reaching out to Educate Students)
- 1995 The University of Pennsylvania Volunteer in Public Service (VIPS) Award, In recognition of contribution to PROGRESS
- 1996 Bristol Myers Squibb Clinical Research Award
- 1997 McCabe Fund Pilot Project Award Winner
- 1999 Berlex Foundation Scholar
- 2001 Daniel J Mishell, Jr, MD Clinical Research Award (Inaugural Recipient)
- 2002 American Society of Reproductive Medicine (58th Annual Meeting) Program Prize Paper Award: *Molecular Diagnosis of Ectopic Pregnancy.*
- 2003 American Society of Reproductive Medicine (59th Annual Meeting) Program Prize Paper Award: *β hCG Doubling Time in Early Gestation in Symptomatic Patients with an Intrauterine Pregnancy: The Curves Redefined*
- 2006 The Leonard Berwick Memorial Teaching Award, University of Pennsylvania School of Medicine
- 2010 Excellence in Teaching Epidemiology Award for the 2008-09 Academic Year
- 2016- 2020 Philadelphia Magazine Top Docs
- 2019 American Society of Reproductive Medicine (76th Annual Meeting) Program Prize Paper Award: *Higher Incidence of Postpartum Complications in Women with Polycystic Ovary Syndrome*

Memberships in Professional and Scientific Societies:

International Societies:

World Academy of Art and Science (1997-2000)

National Societies:

- American Society for Reproductive Medicine (ASRM)
 - Secretary, Contraception Special Interest Group (1997 - 2000)
 - Chairman, Contraception Special Interest Group (2000 – 2003)
 - Member, Membership Development Planning Committee (2001 – 2002)
 - Member, Membership Committee (2004 - 2006)
 - Member, Practice Committee (2004 – 2010)
 - Member, CME Committee (2012-2015)
 - Member, Executive Board (2013-2015)
 - Chair, Scientific Program Committee (2015)
 - Member, Research Task Force (2016)
- American College of Obstetricians and Gynecologists (ACOG)
 - Chairman, Junior Fellow College Advisory Council (1997)
 - Member, Executive Board (1997-98)
 - Member, Health Care Commission (1998-99)

Member, Presidential Task Force on Graduate Medical Education (1999 - 2001)
 Member, Presidential Task Force for Nominations (1999-2001)
 Member, Grievance Committee (2000-2002)
 Member, Committee on Health Care for Underserved Women (2001 – 2002)
 Vice Chair, Committee on Health Care for Underserved Women (2002 – 2003)
 Member, National Committee for Nominations (2002 – 2003)
 Chair, Committee on Health Care for Underserved Women (2004 – 2006)
 Member, Advisory Panel for the Task Force for Women with Disabilities (2004 – 2006)

Member, Presidential Task Force on Committees (2005-2006)
 Member, Scientific Program Committee (2007-2010)
 Member, Scientific Program Committee (2012-2015)
 Member, Long-Acting Reversible Contraception Advisory Panel (2012- 2019)
 ACOG District III Assistant Secretary (2016-2019)
 ACOG District III Secretary (2019 -)

Society of Reproductive Endocrinology and Infertility (SREI)
 Executive Board Member (2005 – 2008)
 President (2013-14)

Association of Reproductive Healthcare Professionals (ARHP)
 Executive Board Member (2005 – 2009)

Local Societies:

Philadelphia Obstetrical Society
 Government Relations Liaison (1999- Present)
 Presidential Advisory Committee on Program (1999-2002)

American College of Obstetricians and Gynecologists Pennsylvania District III
 Chairman, Task Force on Junior Fellow Elections (2000-2001)
 Advisory Council Member: Junior Fellow Advisor (2001-2005)
 Secretary (2006-2008)
 Treasurer (2008-2010)
 Vice Chair (2011-2013)
 Chair (2013-2016)

Pennsylvania Medical Society
 Specialty Leadership Cabinet (2013-)

Editorial Positions:

2005-2011	Associate Editor, Pharmacoepidemiology and Drug Safety
2003-2012	Editorial Board, Menopausal Medicine
2005-2009	Editorial Board, Fertility and Sterility
2009-2015	Associate Editor, Fertility and Sterility
2015 – Current	New Media and Video Editor, Fertility and Sterility

Ad Hoc Reviewer for:

American Journal of Obstetrics and Gynecology
Annals of Internal Medicine
Biology of Reproduction
Contraception
Endocrinology Reviews
Fertility and Sterility
Human Reproduction
JAMA
Journal of the American Geriatrics Society
Journal Clinical Epidemiology
Journal of Steroid Biochemistry
Journal of Women's Health
The Lancet
Life Science
Molecular Biology
New England Journal of Medicine
Obstetrics and Gynecology
Pharmacoepidemiology and Drug Safety
Steroids
Ultrasound in Obstetrics & Gynecology
Southern Medical Journal (special emphasis: evidence based medicine)

2011

NIH Review

2000 NIH study section for review of RFA 00-005 (Evaluation of acceptance of topical microbicides)
2002 NIH study section for review of U54 HD044315 (Minority partnership program project in reproduction)
2002 NIH study section 202PRC-Reproductive Sciences Sub Committee Meeting
2003-07 NIH study section: Reproduction, Andrology and Gynecology (RAGGS)
2004 Study section, RFP NIAID-NIH-DAIDS-04-04 "Microbicide Design and Development Teams"
2004 - Selection and Steering Committee: NIH Clinical Research/Reproductive Scientist Training Program (CREST)
2004 Centers for Disease Control and Prevention, Special Emphasis Panel, National Center for Chronic Disease Prevention and Health Promotion, RFA DP05-010, Reproductive Health Research
2006 NICHD Loan Repayment Program
2008 FDA Orphan Product Development Grant Review
2009 Grants for the American Recovery and Reinvestment Act (ARRA)
2012-15 NIH/NICHD Institutional T-32 Review
2016 NIH Senior Scientist Review for the New Innovator Award (NIA)
2017- NIH Infectious Diseases, Reproductive Health, Asthma and Pulmonary Conditions Study Section (IRAP)

Data Safety Monitoring Boards

WHO Levonorgestral Periocoital Study
Chair of DSMB, AbbVie Elagolix Phase III Trials (Fibroids and endometriosis)

International review

- 2006 Review for: The Netherlands Organization for Health Research and Development.
“Studies on the diagnosis and treatment of tubal pathology in subfertile couples”
- 2011 Review for: The Kingdom of Saudi Arabia Research Foundation
- 2013 Ph.D. Thesis Review Committee, University of Amsterdam, The Netherlands

National meeting review

- 1995 Ad Hoc Reviewer, American College of Emergency Physicians
ACEP Committee Opinion on a Clinical Policy on Vaginal Bleeding
- 1999-2006 Abstract Review Committee, American Society of Reproductive Medicine,
Contraceptive Special Interest Group (Chair 2002 and 2006)
- 2002- Abstract Review Committee, Society of Gynecologic Investigation
- 2003- Abstract Review Committee, American Society of Reproductive Medicine,
Society of Reproductive Endocrinologists
- 2004- Abstract Review Committee, American College of Obstetricians and Gynecologists

Academic and Institutional Committees:

- 2000 – present Medical Education Committee, Center for Clinical Epidemiology and
Biostatistics
- 2000 – 2007 Admissions Committee for Masters in Clinical Epidemiology,
Center for Clinical Epidemiology and Biostatistics
- 2000- 2002 Liaison for Student Research,
Center for Clinical Epidemiology and Biostatistics
- 2002 – present Ob/Gyn Resident Research Committee
- 2002 – 2006 Women’s Health Service Line Advisory Group,
Department of Obstetrics and Gynecology
- 2003 Faculty Search and Recruitment Committee,
Department of Obstetrics and Gynecology
- 2004-2005 Public Health Special Interest Task Force,
Center for Clinical Epidemiology and Biostatistics
- 2005 EPI Faculty Recruitment Committee,
Center for Clinical Epidemiology and Biostatistics
- 2005 Chair, Faculty Search Committee, Division of Reproductive Endocrinology and
Infertility, Department of Obstetrics and Gynecology
- 2005 Member, Search Committee for Director of Center for Research in Reproduction
and Woman’s Health
- 2005-2006 University of Pennsylvania School of Medicine Review Committee
Department of Emergency Medicine-2005
- 2005- 2006 Member, Committee on Appointments and Promotions,
Center for Clinical Epidemiology and Biostatistics
- 2005- present Member, Committee on Appointments and Promotions,
Department of Obstetrics and Gynecology
- 2006- present Faculty: The Robert Wood Johnson Clinical Scholars Program
University of Pennsylvania
- 2006 – 2008 Member, Executive Committee for Clinical Research Advisory Committee
(CRAC)
- 2008 - 2011 Chair, Clinical Research Advisory Committee (CRAC)
- 2007 - 2010 Hearing Board for the Student Disciplinary System and the Code of Academic
Integrity, University of Pennsylvania

2008-2014	Internal Advisory Board, Institute for Translational Medicine and Therapeutics (ITMAT), University of Pennsylvania School of Medicine
2010	Member, Search Committee, Chair of the Department of Dermatology
2009 -2012	Conflict of Interest Committee, University of Pennsylvania
2013-	Chair, Conflict of Interest Committee, University of Pennsylvania
2013-	Human Research Advisory Committee (HRAC), University of Pennsylvania

Major Teaching and Clinical Teaching Responsibilities:

Lecturer, Module I – Endocrinology and Reproduction
 Preceptor, OG 200 Students (1996 - 2005)
 Staff Physician
 Obstetrics service (1996 – 1999)
 Gynecology Service (1996 – present)
 Conference for OB/GYN Residents (1999-present)
 “Diagnosis and Management of Ectopic Pregnancy”
 Clinical Evaluative Sciences, Workshop Leader (1998 – 2003)
 Mentor; Tutorial in Epidemiologic Research EP 610 (1999 – present)
 Lecturer, Reproductive Epidemiology EP 646 (1999 – 2002)
 Course Director. Reproductive Epidemiology EP 646 (2003 – present)
 Faculty, Protocol Development EP 626 (2004 – present)

Lectures by Invitation:

May 2001	Clinical Seminar: “The conservative management of Ectopic Pregnancy”. 49 th Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, Chicago, IL
June 2001	“Alternatives to Hormone Replacement Therapy”. Dinner symposia, Cherry Hill, NJ.
July 2001	“DHEA replacement and Muscle Strength”. 15 th Annual Symposium on the Long-Term Effects of Estrogen Deprivation. Bermuda
August 2001	“Career Planning Clinical Research”. Society for Reproductive Endocrinology and Infertility Fellows Retreat, Aspen, CO.
August 2001	“Epidemiological Methods: The New Tool in Reproductive Research”. Society for Reproductive Endocrinology and Infertility Fellows Retreat, Aspen, CO.
August 2001	“Research Support: From Where Does the Money Come?” Panel Discussion. Society for Reproductive Endocrinology and Infertility Fellows Retreat, Aspen, CO.
October 2001	Roundtable Discussion Leader: The Utilization of DHEA (Sulfate) in Aging Women. 57 th Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL.
October 2001	“The Management of the Unusual Ectopic Pregnancy”. Roundtable Discussion Leader, 57 th Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL.

October 2001	DHEAS as Androgen Replacement. Menopause Mini-Symposia, 57 th Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL.
October 2001	Evidence for and Against Estrogen Replacement Therapy. Clinical Seminar, 57 th Annual Meeting of the American Society for Reproductive Medicine, Orlando, FL
November 2001	“Diagnosis and Medical Management of Ectopic Pregnancy”. Grand Rounds, Department of Obstetrics and Gynecology. Temple University, Philadelphia PA
November 2001	“Evidence for and Against Estrogen Replacement Therapy”. Grand Rounds, Department of Obstetrics and Gynecology, Temple University, Philadelphia PA
December 2001	“Advances in Contraceptive Medicine”. Grand Rounds, Department of Obstetrics and Gynecology, St. Luke’s Hospital, Bethlehem, PA
December 2001	“Advances in Contraceptive Medicine”. Grand Rounds, Department of Obstetrics and Gynecology, Lehigh Valley Hospital, Lehigh, PA
December 2001	“Efficient Diagnosis and Treatment of Ectopic Pregnancy”. Grand Round, Department of Obstetrics and Gynecology, Duke University, Raleigh, NC
January 2002	“The in Vivo Distribution of Topical Microbicides”. NIH Reverse site visit for Preclinical development of Microbicides, Washington, DC
February 2002	“Contemporary Management of Ectopic Pregnancy”. Progress in Ob/Gyn 2002 for Physicians and Nurses, The Bruce A Harris Symposium, Department of Obstetrics and Gynecology, The University of Alabama, Birmingham, AL
February 2002	“Contraceptive Update”. Progress in Ob/Gyn 2002 for Physicians and Nurses, The Bruce A Harris Symposium, Department of Obstetrics and Gynecology, The University of Alabama, Birmingham, AL
March 2002	“HRT and Cardiovascular Disease: Communicating the Facts”. Current and Emerging Trends in HRT: A Speakers Update, Wyeth-Ayerst Pharmaceuticals, San Francisco, CA
April 2002	“New Contraceptive Options”. Annual Semmelweis-Waters Obstetrical and Gynecological Conference, Academy of Medicine of New Jersey & UMDNJ Medical School, Iselin, NJ.
May 2002	“The Conservative Management of Ectopic Pregnancy” Clinical seminar, 50 th Annual Clinical meeting of the American College of Obstetricians and Gynecologists, Los Angeles, CA
May 2002	“Non-Invasive Imaging of the Spread of Microbicides.” Microbicides Conference, Antwerp, Belgium.
July 2002	“Contraceptive Update.” Dinner Symposia, Medford, NJ

July 2002	“Rational Management of Ectopic Pregnancy”. The Charles B. Hammond, MD Symposium, Department of Obstetrics and Gynecology, Duke University, Durham, NC
October 2002	“The Need and Development of Microbicides”. 58 th Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA
October 2002	“Molecular Contraception”. 58 th Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA
October 2002	Course Instructor, Pharmacia Faculty Forum, American Society for Reproductive Medicine, Seattle, WA
October 2002	“Molecular Contraception”. Cincinnati Obstetrics & Gynecology Society, Cincinnati, OH.
October 2002	“The Need and Development of New Microbicides”. Grand Rounds, Department of Obstetrics & Gynecology, University of Cincinnati, Cincinnati, OH
March 2003	“The Rational Management of Ectopic Pregnancy”. Grand Rounds, Department of Obstetrics & Gynecology, University of Colorado Health Sciences Center, Denver CO
April 2003	“The Rational Management of Ectopic Pregnancy. Grand Rounds, Department of Obstetrics & Gynecology, Eastern Carolina University, Greenville, NC.
April 2003	“The Conservative Management of Ectopic Pregnancy” Clinical seminar, 51 st Annual Clinical meeting of the American College of Obstetricians and Gynecologists, New Orleans, LA
April 2003	Clinical seminar: “Ectopic Pregnancy” 40 th Annual Clinical meeting of the Association of Reproductive Health Professionals (ARHP) San Diego, CA
May 2003	“Scientific Interpretation Skills (101) Hormone Replacement Therapy as an Example” Departments of Family Practice and Internal Medicine Combined Grand Rounds, Montgomery Hospital, Norristown, PA
May 2003	“Alternative Delivery Systems for Family Planning”. Grand Rounds, Department of Obstetrics and Gynecology, Riverside Regional Medical Center, Riverside, VA
July 2003	1) “Management of Ectopic Pregnancy and Miscarriage” 2) “Development of Microbicides” and 3) “Advances in Human Reproduction” International Conference for Obstetrics, Gynecology and Human Reproduction, Lima, Peru
July 2003	“Clinical Development of C31G” Institute of Medicine: New Frontiers in Contraceptive Research International Symposium. National Academy of Science, Washington DC

Nov. 2003	“Reproductive Endocrinology and Infertility”, Faculty for Satellite Post Graduate Course World Congress of Obstetrics and Gynecology (FIGO), Santiago, Chile.
August 2003	“Scientific Interpretation Skills (101) Hormone Replacement Therapy as an Example” Department of Obstetrics & Gynecology, Grand Rounds, Abington Memorial Hospital, Abington, PA
August 2003	“Efficient Diagnosis and Treatment of Ectopic Pregnancy”. Grand Rounds, Department of Obstetrics and Gynecology, University of Southern California, Los Angeles CA
August 2003	“The Need and Development of New Microbicides”. Grand Rounds, Department of Obstetrics & Gynecology, Duke University, Raleigh, NC
Sept. 2003	“Scientific Interpretation Skills (101) Hormone Replacement Therapy as an Example” Department of Obstetrics & Gynecology, Grand Rounds, Drexel University, Philadelphia, PA
October 2003	“Nonsurgical Diagnosis and Treatment of Ectopic Pregnancy”. Grand Rounds, Department of Obstetrics and Gynecology, University of Miami, Miami, FL
December 2003	“Molecular Contraception” Grand Rounds, Department of Obstetrics and Gynecology, University of Alabama, Birmingham AL
March 2004	“Contemporary Management of Ectopic Pregnancy”. Annual Semmelweis-Waters Obstetrical and Gynecological Conference, Academy of Medicine of New Jersey & UMDNJ New Jersey Medical School, NJ
September 2004	“Future Methods of Family Planning” 41 st Annual Clinical meeting of the Association of Reproductive Health Professionals (ARHP) Washington DC
October 2004	Roundtable Discussion Leader: “Understanding Statistics used in Clinical Studies”. 59 th Annual Meeting of the American Society for Reproductive Medicine, Philadelphia, PA
October 2004	Reviewer’s Workshop: Overview of Statistical Analysis. 59 th Annual Meeting of the American Society for Reproductive Medicine, Philadelphia, PA
October 2004	ASRM Consumer Program Gynecology-Contraception. 59 th Annual Meeting of the American Society for Reproductive Medicine, Philadelphia, PA
October 2004	Faculty, Postgraduate Course, “Statistics through Contraceptive Examples” 59 th Annual Meeting of the American Society for Reproductive Medicine, Philadelphia, PA
October 2004	Faculty, Clinical Seminar: “The evidence-based infertility evaluation.” 59 th Annual Meeting of the American Society for Reproductive Medicine, Philadelphia, PA

October 2005	Annual Meeting of the American Society for Reproductive Medicine, Montreal Canada. Post Graduate Chair: <i>Epidemiological Methods in Clinical Reproductive Research</i>
May 2006	ISMRM 14 th Scientific Meeting and Exhibition: Use of MRI to quantify intra-vaginal gel distribution in human subjects: preliminary analysis of the candidate gel formulation for the Cyanovirin-N trial, Seattle, WA
September 2006	“Microbicide Update: What’s new, what’s next” Annual meeting of the Association of Reproductive Professionals (ARPH), San Diego, CA
October 2006	Annual Meeting of the American Society for Reproductive Medicine, Chair Invited Symposia: My IUD Caused My Infertility: A Mock Trial
February 2007	Vail Obstetrics and Gynecology Conference, University of Colorado School of Medicine, Vail, CO “Medical Management of Ectopic Pregnancy” “Medical Management of Miscarriage” “Microbicides and Contraception” “Breakfast with the Professors” “Pitfalls in the Diagnosis of Women at Risk for Early Pregnancy Loss”
April 2007	“Biomarkers for Ectopic Pregnancy,” Grand Rounds, Department of Obstetrics and Gynecology, University of Miami, Miami, FL.
April 2007	“Biomarkers for Ectopic Pregnancy,” Grand Rounds, Department of Obstetrics and Gynecology, University of Southern California, Los Angeles, CA
May 2007	“Clinical Indicators for Success of Misoprostol Treatment after Early Pregnancy Failure.” Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, San Diego, CA
June 2007	“Rational Approach to Ectopic Pregnancy.” Grand Rounds, Department of Obstetrics and Gynecology, Lancaster General Hospital, Lancaster, PA
October 2007	“Update on Male Contraception.” Invited Symposia, Annual Meeting of the American Society for Reproductive Medicine, Washington DC
Feb. 2008	Expert Panel Member for the NICHD Advisory Council, Contraception and Reproductive Health Branch Review, Rockville, MD
Feb. 2008	“Ectopic Pregnancy.” Grand Rounds “New Developments in Contraception.” Resident Lecture Department of Obstetrics and Gynecology, St. Joseph’s Mercy Hospital, Ypsilanti, MI

Feb. 2008	“Adverse Perinatal Outcomes and Assisted Reproductive Technologies; Don’t Throw the Baby Out with the Bathwater.” Contraceptive Reproductive Health Branch Meeting, National Institutes of Health and Child Development, Rockville, MD
March 2008	“Randomized Clinical Trials: Advantages and Disadvantages of a Gold Standard.” Oral Presentation at the 55 th Annual Meeting of the Society for Gynecologic Investigation, San Diego, CA, March 2008.
May 2008	ACOG Annual Clinical Meeting, New Orleans, LA
May 2008	“New Developments in Contraception: The Single-Rod Implant” Grand Rounds, Department of Obstetrics and Gynecology, Chester County Hospital, West Chester, PA “Ectopic Pregnancy”
August 2008	18 th World Congress on Ultrasound in Ob/Gyn, Chicago, IL “Early Pregnancy: Pregnancy of Unknown Location and Ectopic Pregnancy”
August 2008	Association of Reproductive Health Professionals Visiting Faculty Program, Verona, NJ “New Developments in Contraception: The Single-Rod Implant”
Sept. 2008	Association of Reproductive Health Professionals Visiting Faculty Program, Virginia Department of Health, Richmond, VA “New Developments in Contraception: The Single-Rod Implant”
October 2008	Grand Rounds, Department of Obstetrics and Gynecology, St. Peter’s University Hospital, New Brunswick, NJ “Rational Diagnosis of Ectopic Pregnancy”
October 2008	Annual Meeting of the American Society for Reproductive Medicine, San Francisco CA. Invited symposium “Mock FDA Hearing for a new Contraceptive Ear plug”
October 2008	Annual Meeting of the American Society for Reproductive Medicine, San Francisco CA, Round table discussant “Diagnosis and management of Ectopic pregnancy”
October 2008	Annual Meeting of the American Society for Reproductive Medicine, San Francisco CA, Invited Symposia, “Selecting an Effective, Safe and Convenient Contraception Regimen”
March 2009	“Assisted Reproductive Technologies and Perinatal Morbidity: Don’t Throw the Baby Out with the Bath Water” Philadelphia Area Reproductive Endocrine Society Meeting (PARES), Philadelphia, PA
May 2009	“The Rational Diagnosis of Ectopic Pregnancy” Grand Rounds, Albert Einstein Medical Center, Philadelphia, PA
July 2009	“How I Get Paid in Academic Medicine” “Strategies for Funding to Launch an Academic Career” Society for Reproductive Endocrinology and Infertility Fellows Retreat,

Park City, UT

- Sept. 2009 “Randomized Clinical Trials: Advantages and Disadvantages of a Gold Standard”
Grand Rounds, Department of Obstetrics and Gynecology, University of Pennsylvania
- Sept. 2009 “Lessons Learned from Combining UK and USA Data for the Management of Pregnancies of Unknown Location”
19th World Congress on Ultrasound in Obstetrics and Gynecology, Hamburg, Germany
- Jan. 2010 “Rational Approach to Ectopic Pregnancy”
Grand Rounds, Department of Obstetrics and Gynecology, University of South Carolina, Columbia, SC
- Jan. 2010 “Childhood Outcomes after IVF: Don’t Throw the Baby Out with the Bath Water”
Grand Rounds, Department of Obstetrics and Gynecology, University of North Carolina, Chapel Hill, NC
- May 2010 “The Rational Diagnosis of Ectopic Pregnancy”
Grand Rounds, Ohio State University Medical Center, Columbus, OH
- June 2010 “The Rational Diagnosis of Ectopic Pregnancy”
Sam Seeds Research Day, University of Cincinnati, Cincinnati, OH
- Sept. 2010 “Non-Hormonal Methods of Contraception”
20th World Congress on Fertility and Sterility, Munich, Germany
- October 2010 “Rational Diagnosis of Women at Risk for Ectopic Pregnancy”
Grand Rounds, University of Vermont, Burlington, VT
- Nov. 2010 “The Rational Diagnosis of Ectopic Pregnancy”
Drexel University College of Medicine, Philadelphia PA
- Nov. 2010 “What Other Information is Critical for Moving Forward to Address Obesity and Contraceptive Effectiveness of COCs and POPs? Eunice Kennedy Shriver NICHD Workshop, Obesity and Oral Contraception: What Do We Know and Need to Know? Bethesda, MD
- Nov. 2010 “Cancer Risk (Endometrial, Breast, Ovary) in women with polycystic ovary syndrome”
ASRM/ESHRE 3rd PCOS Consensus Workshop: Women’s Health Aspects
Amsterdam, The Netherlands
- Jan. 2011 “Epidemiology of Male and Female Reproductive Disorders and Impact on Fertility Regulation and Population Growth”
Eunice Kennedy Shriver NICHD Vision Workshop, Bethesda, MD
- April 2011 “Genetics of Endometriosis in the U.S.”
The First Korea-US Infertility Workshop
KNIH, Osong, Korea

May 2011	“Pregnancy of Unknown Location” The Greater Toronto Area Reproductive Medicine Rounds, Toronto, Canada
August 2011	“Reproductive Vision” “How I Get Paid in Academic Medicine” SREI Fellows Retreat, Park City, UT
October 2011	“Dolore pelvico e sterilita: Nuove frontiere nella terapia dell’endometriosi” (Pelvic pain and infertility: New frontiers in the treatment of endometriosis) Museo Dell’Ara Pacis, Roma, Italy
October 2011	“Endometriosis-induced effects on oocytes and embryos” ESHRE Campus Symposium, Rome, Italy
November 2011	“Assisted Reproductive Technologies and Perinatal Morbidity: Interrogating the Association”, The New England Fertility Society, Boston, MA
February 2012	“Perinatal Outcomes of Assisted Reproductive Technologies” “Correct and Efficient Diagnosis of Early Pregnancy” “Epidemiology of Reproduction” University of Innsbruck, Innsbruck, Austria
March 2012	“Perinatal Outcome and ART Techniques” “Epidemiology of Reproduction” ASRM / ESHRE Meeting, Cortina d’Ampezzo, Italy
March 2012	“Assisted Reproductive Technologies and Perinatal Morbidity: Interrogating the Association” Philadelphia Area Reproductive Endocrine Society Meeting Philadelphia, PA
April 2012	“Rational Diagnosis of Ectopic Pregnancy”, Grand Rounds, University of South Florida, Tampa, FL
May 2012	“Diagnosis and Management of Early Pregnancy Loss: The North American Perspective” Easley Symposium, Resident Research Day Greenville Hospital System, University Medical Center, Greenville, SC
August 2012	“Reproductive Vision” “How I Get Paid in Academic Medicine” SREI Fellows Retreat, Park City, UT
September 2012	“ART as a Risk Factor for Thrombosis” Mechanistic Perspectives on Hormone-Induced Thrombosis in Women Working Group, The NIH-NHLBI Working Group, Bethesda, MD
December 2012	“Endometrial and Other Cancers”

The NIH Office of Disease Prevention Workshop on Polycystic Ovary Syndrome,
Bethesda, MD

February 2013	Acupuncture & IVF: Improves Success or Placebo Effect? Fertility & Sterility Journal Club Live!™ Platform Event.
March 2013	“Early Pregnancy Failure: Beware of the Pitfalls of Modern Management” Grand Rounds, Department of Obstetrics and Gynecology, Brigham & Women’s Hospital, Boston, MA
March 2013	“When is a Pregnancy Nonviable: New Rules?” Division of Reproductive Endocrinology and Infertility Seminar Series, Brigham & Women’s Hospital, Boston, MA
April 2013	“Beta hCG in Early Pregnancy” Department of Obstetrics and Gynecology Grand Rounds Cooper University Hospital, Camden, NJ
April 2013	“Pregnancy of Unknown Location: The Pitfalls of Modern Management” Center for Reproductive Medicine, Cornell University New York, NY
July 2013	Acupuncture & IVF: Improves Success or Placebo Effect? Fertility & Sterility Journal Club Live!™
October 2013	“Case Approach to a Woman with a Pregnancy of Unknown Location” Keynote Speaker, Challenging Topics in Obstetrics & Gynecology University of Chicago, Chicago, IL
October 2013	“Consensus Statement on Ectopic Pregnancy: Role of D&C in the Diagnosis of Ectopic Pregnancy” Masterclass for Young Scientists, University of Amsterdam, The Netherlands
January 2014	“The Rational Diagnosis of Pregnancy of Unknown Location” Grand Rounds, Stanford University, Stanford, CA
February 2014	“The Rational Diagnosis of Pregnancy of Unknown Location” Grand Rounds, Lehigh Valley Hospital, Allentown, PA
March 2014	“ART and Perinatal Morbidity” “Contemporary Diagnosis and Management of Ectopic Pregnancy” Pacific Coast Reproductive Society Meeting, Indian Wells, CA
April 2014	“The Rational Diagnosis of Pregnancy of Unknown Location” Grand Rounds, Georgia Regents University, Augusta, GA
June 2014	“Pregnancy of Uncertain Location” 6 th Annual Philadelphia Prenatal Conference, Philadelphia, PA

September 2014	“The Rational Diagnosis of Pregnancy of Unknown Location” Grand Rounds, Hershey Medical Center, Hershey, PA
September 2014	“Management of Pregnancy of Unknown Location” Grand Rounds, Charlotte Health System, Charlotte, NC
January 2015	“Reproduction Affects Health and Health Affects Reproduction” Grand Rounds, Virtua Hospital, Voorhees, NJ
January 2015	“ACT or Not” Grand Rounds, University of California, San Francisco, San Francisco, CA
January 2015	“Current Clinical Trials in the Management of Abnormal Pregnancy: How Penn Investigators Are Advancing the Care of Early Complications in Reproduction” Grand Rounds, Dept. of Ob/Gyn, University of Pennsylvania, Philadelphia, PA
January 2015	“Rational Approach to Pregnancy of Unknown Location” Grand Rounds, Pennsylvania Hospital, Philadelphia, PA
January 2015	“Childhood Outcomes after IVF: Interrogating the Association” Grand Rounds, Christiana Care Health System, Newark, DE
February 2015	“The Rational Diagnosis of Pregnancy of Unknown Location” Grand Rounds, Dept. of Ob/Gyn, Baystate Medical Center, Springfield, MA
March 2015	“All Embryos Should Be Cryopreserved Prior to Transfer: Debate” The Best of ESHRE and ASRM, New York, NY
June 2015	“The Rational Diagnosis of Pregnancy of Unknown Location” Grand Rounds, Dept. of Ob/Gyn, Capitol Health, Pennington, NJ
June 2015	“Childhood Outcomes after IVF: Interrogating the Association” Annual Cutting Edge conference, Dept. of Ob/Gyn, Monmouth Medical Center, Long Branch, NJ
September 2015	“An Ectopic Research Career” RSDP Research Retreat, Boulder, CO
September 2015	“Pregnancy of Unknown Location” AGOS Annual Meeting, Half Moon Bay, CA
January 2016	“Modern Management of Pregnancy of Unknown Location” Grand Rounds, Crozer Chester Medical Center, Upland, PA
April 2016	“Biomarkers. From Experimental Design to Clinical Translation: Why Is It So Difficult.” Keynote Lecture, The 3 rd Biomarkers Meeting, Valencia, Spain
April 2016	“Fertility as a Window to Health” Keynote Lecture, Fertility Status and Overall Health Workshop,

The NICHD, Bethesda, MD

- May 2016 “Efficacy, safety, and acceptability of Acidform (Amphora™) and nonoxynol-9 contraceptive vaginal gels”
ACOG Annual Clinical Meeting, Washington, DC
- November 2016 “The Rational Diagnosis of Pregnancy of Unknown Location”
Grand Rounds, Washington University, St. Louis, St. Louis, MO
- January 2017 “Ectopic Pregnancy”
Telemedicine Lecture to Medical Students and Residents
Dept. of Obstetrics and Gynecology, Hospital de Clínicas de Porto Alegre, Brazil
- January 2017 “Rational Approach to Women at Risk for Ectopic Pregnancy”
Grand Rounds, Pennsylvania Hospital, Philadelphia, PA
- April 2017 “IVF and Perinatal Outcomes”
Grand Rounds, Georgetown University, Washington, DC
- May 2017 “The Rational Diagnosis of Pregnancy of Unknown Location”
Brigham & Women’s Seminar Series, Boston, MA
- November 2017 “The Rational Diagnosis of Pregnancy of Unknown Location”
Grand Rounds, University of Colorado, Denver, Denver, CO
- January 2018 “Rational Approach to Women at Risk for Ectopic Pregnancy”
Grand Rounds, York Hospital, York, PA
- March 2018 “The Rational Approach to the Diagnosis of Ectopic Pregnancy”
Grand Rounds, Christiana Health System, Newark, DE
- May 2018 “Fertility as a Window to Long-Term Health”
Greater Toronto Area Reproductive Medicine Rounds, Toronto, Canada
- August 2018 “Pearls in Fertility as a Window to Long Term Health”
“Modern Ectopic Pregnancy Management”
Ob/Gyn Congress, San Juan, PR

Organizing Roles in Scientific Meetings:

- October 2001 Chairman and Moderator: Updates in Contraceptive Medicine
57th Annual Meeting of the American Society for Reproductive Medicine,
Orlando, FL
- October 2001 Co-Chairman and Moderator: Contraception concomitant session.
57th Annual Meeting of the American Society for Reproductive Medicine,
Orlando, FL.

October 2002	Chairman, Postgraduate Course, Contraceptive Medicine: New Methods, New Indications. 58 th Annual meeting of the American Society for Reproductive Medicine, Seattle, WA
October 2002	Chairman and Moderator: Clinical seminar: Contraceptive Medicine in an REI practice. 58 th Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA
October 2003	Co-Chairman and Moderator: Contraception concomitant session. 59 th Annual Meeting of the American Society for Reproductive Medicine, San Antonio, TX
September 2004	Clinical seminar and small group workshop, "Gynecologic Issues for Clinicians" 41 st Annual Clinical meeting of the Association of Reproductive Health Professionals (ARHP), Washington, DC
October 2004	Moderator: Reproductive Endocrinology & Infertility concomitant session 59 th Annual Meeting of the American Society for Reproductive Medicine, Philadelphia, PA
September 2006	The National Academies Public Workshop, Committee on Assessing the Medical Risks of Human Oocyte Donation for Stem Cell Research. Panel addressing: Ovarian Hyperstimulation Syndrome, Surgical Risks, and Anesthetic Risks, San Francisco, CA
October 2007	Organizer of "Contraception Day" Annual Meeting of the American Society for Reproductive Medicine, Washington, DC
May 2008	Moderator of Clinical Scientific Session: ACOG Annual Clinical Meeting, New Orleans, LA
Sept. 2009	Moderator of Clinical Scientific Session, Moderator of Oral Poster Session 19 th World Congress on Ultrasound in Obstetrics & Gynecology, Hamburg, Germany
October 2009	Discussant, Society for Reproductive Endocrinology and Infertility Research Abstract Session, American Society for Reproductive Medicine Meeting, Atlanta, GA
2009-2011	Scientific Program Committee Member, Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, San Francisco, CA
November 2010	Co-Directors and organizer: Eunice Kennedy Shriver NICHD Workshop, Obesity and Oral Contraception, Bethesda, MD
2011-2012	President and Co-Organizer, SREI Fellows Retreat, Park City, UT
2010-2012	"Mastering the Tools of Evidence for Practice" Postgraduate Course, Annual Clinical Meeting of the American College of Obstetricians and Gynecologists

Washington, DC 2011; San Diego, CA 2012; New Orleans, LA 2013

October 2012 American Society for Reproductive Medicine Annual Meeting, San Diego, CA
Program Planning Committee; SREI Program Chair
Interactive Session Chair: “A Nonviable Early Pregnancy, When and How Do
You Intervene?”

Bibliography:

Research Publications (peer reviewed):

- 1) **Barnhart KT**, Mennuti MT, Benjamin I, Jacobson S, Goodman D, Coutifaris C: The Prompt diagnosis of ectopic pregnancy in an Emergency Department setting. Obstet Gynecol 1994; 84: 1010-1015.
- 2) **Barnhart KT**, Furman I, Devoto L: Attitudes and Practices of couples regarding sexual relations during the menses and vaginal spotting. Contraception 1995; 51: 49-55.
- 3) Devoto L, Pommer R, **Barnhart KT**, Alba F, Sir T, Robinovich J, Coutinho E. Ovarian function in subjects using Uniplant. Contracept Fertil Sex 1995; Special n1 Suppl. Vol 23 s-32. OC 146.
- 4) Spandorfer S, **Barnhart KT**. Endometrial stripe thickness as a predictor for the diagnosis of ectopic pregnancy. Fertil Steril 1996; 66(3):474-477.
- 5) Spandorfer S, Menzin A, **Barnhart KT**, Pfeifer S. The use of frozen section diagnosis of endometrial curettings in the diagnosis of ectopic pregnancy. Am J Obstet Gynecol 1996; 175:604-5.
- 6) **Barnhart KT**, Devoto L, Pommer R, Sir-Pettermann T, Robinovic J, Segal S. Neuroendocrine Mechanism of Anovulation in Users of Contraceptive Subdermal Implant of Nomgestrol Acetate (Uniplant). Fertil Steril 1997; 67:250-5.
- 7) **Barnhart KT**, Pommer R, Furman I, Devoto L: Alterations in bleeding patterns in users of a 1 year subdermal contraceptive implant of nomgestrol acetate (Uniplant) did not influence sexual frequency, sexual desire, or sexual enjoyment. Fertil Steril 1997; 67:244-9.
- 8) Devoto L, Kohen P, **Barnhart KT**, Alba F, Pommer R, Retameles I, Coutinho E. Hormonal, endometrial histology, and ovarian ultrasound assessment during one year of nomgestrol acetate implant (Uniplant). Human Reprod 1997; 12:708-713.
- 9) **Barnhart KT**, Spandorfer S, Coutifaris C. Is the Medical Management of an Interstitial Pregnancy Safe? A report of three failed cases. J Reprod Med 1997; 8:521-524.
- 10) Spandorfer S, Sawin S, Benjamin I, **Barnhart KT**. Postoperative day 1 serum human chorionic gonadotropin level as a predictor of persistent ectopic pregnancy after conservative surgical management. Fertil Steril 1997; 68:430-4.
- 11) Troncoso JI, Alba FS, Rivera ML, Gamboa JG, Bastías S, **Barnhart KT**, Devoto L. Ecografía Transvaginal En Pacientes Post Histerectomizadas; Hallazgos Normales Y Patologicos. (Normal and Pathologic Transvaginal Ultrasound findings in Patients after Hysterectomy). Rev Chil Obstet Ginecol 1997; 62(5): 347-351
- 12) **Barnhart KT**, Osheroff J. We are over interpreting the predictive value of serum FSH. Fertil Steril 1999; 71:8-9.
- 13) **Barnhart KT**, Simhan H, Kamelle S. Diagnostic accuracy of ultrasound, above and below, the β hCG discriminatory zone. Obstet Gynecol 1999; 94(4):583-587.

- 14) **Barnhart KT**, Freeman E, Grisso JA, Rader D, Sammel M, Kapoor S, Nestler J. The Effect of Dehydroepiandrosterone supplementation to symptomatic perimenopausal women on serum endocrine profiles, lipid parameters, and health-related quality of life. J Clin Endocrinol Metab 1999; 84(11): 3896-3902.
- 15) Raymond EG, Creinin MD, **Barnhart KT**, Lovvorn AE, Rountree RW, Trussell J. Meclizine for prevention of nausea associated with use of emergency contraceptive pills: a randomized trial. Obstet Gynecol 2000; 95(2): 271-77.
- 16) Endres L, **Barnhart KT**. Spontaneous Second Trimester Uterine Rupture After Classical Cesarean Section. Obstet Gynecol 2000; 96(5[2]): 806-8.
- 17) Sawin S, Pilevsky N, Berlin J, **Barnhart KT**. Abdominal myomectomy as a safe alternative to hysterectomy for women with symptomatic uterine leiomyomas. J Am Obstet Gyn 2000; 183(6): 448-55.
- 18) Gracia C, **Barnhart KT**. Diagnosing Ectopic Pregnancy: A decision analysis comparing six diagnostic strategies. Obstet Gynecol 2001;97(3): 464-470.
- 19) **Barnhart KT**, Stolpen A, Pretorius ES, Malamud D. Distribution of a Spermicide Containing Nonoxynol – 9 in the Vaginal Canal and the Upper Female Reproductive Tract. Human Reprod 2001; 16(6): 1151-1154.
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- 21) **Barnhart KT**, Pretorius ES, Stolpen A, Malamud, D. Distribution of Topical Medication In The Human Vagina As Imaged By MRI. Fertil Steril 2001; 76(1): 189-195.
- 22) Strom BL, Schinnar R, Ziegler EE, **Barnhart KT**, Sammel M, Macones G, Stallings V, Hanson SA, Nelson SE. Follow-up Study of a Cohort Fed Soy-based Formula During Infancy. JAMA 2001; 286(7): 807 – 815.
- 23) Gracia CR, Brown HA, **Barnhart KT**. Prophylactic Methotrexate after Linear Salpingostomy: A Decision Analysis. Fertil Steril 2001; 76(6): 1191-5.
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- 25) **Barnhart KT**, Sammel M. The truth is out there: A guide to the pitfalls of interpreting evidence based medicine in studies of human reproduction. Fertil Steril 2002; 77(2): 223-228.
- 26) **Barnhart KT**, Dunsmoor-Su R, Coutifaris C. The Effect of Endometriosis on Early Human Reproduction. Fertil Steril 2002; 77(6): 1148-1155.
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- 30) Pretorius ES, Timbers K, Malamud D, **Barnhart KT**. Magnetic resonance imaging to determine the distribution of a vaginal gel: before, during and after both real and simulated intercourse. Contraception 2002; 66(6): 443-451.
- 31) Spandorfer DS, **Barnhart KT**. Role of Previous Ectopic Pregnancy in Altering the Presentation of Suspected Ectopic Pregnancy. J Reprod Med 2003; 48(3): 133-6.
- 32) Preti G, Wysocki CJ, **Barnhart KT**, Sondheimer SJ, Leyden JJ. Male Axillary Extracts Contain Pheromones that Affect Pulsatile Secretion of Luteinizing Hormone and Mood in Women Recipients. Biol Reprod 2003; 68: 2107-2113.
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- 35) **Barnhart KT**, Gracia CR, Reindl B, Wheeler JE. Usefulness of pipelle endometrial biopsy in the diagnosis of women at risk for ectopic pregnancy. Am J Obstet Gynecol 2003; 188(4): 906-909.
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- 61) Senapati S, Boudhar S, Sammel MD, Morse CV, **Barnhart KT**. The association of endometriosis and preterm delivery: An evaluation from the Society for Assisted Reproductive Technology (SART) database. Poster presentation at the American Society for Reproductive Medicine Meeting, October 2013, Boston, MA.
- 62) Senapati S, Sammel MD, Boudhar S, Morse CB, **Barnhart KT**. The impact of endometriosis on IVF: An evaluation using the Society of Assisted Reproductive Technologies (SART) Database. Oral Presentation at the American Society for Reproductive Medicine Meeting, October 2014, Honolulu, HI.
- 63) Moravek MB, **Barnhart KT**, Robins JC. A cost-effective analysis of methotrexate, D&C, or observation as initial approach to pregnancy of unknown location. Poster Presentation at the American Society for Reproductive Medicine Meeting, October 2014, Honolulu, HI.
- 64) **Barnhart KT**, Sammel MD, Singer A, Reid A, Taylor L, Senapati S. Don't Discriminate: Even a Discriminatory Zone as High as 4000 Can Result in Interruption of an IUP. Oral Presentation at the American Society for Reproductive Medicine Meeting, October 2015, Baltimore, MD.
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