

Curriculum Vitae

David Howard, MD PhD
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Education

Postdoctoral Fellowship, Perinatal Epidemiology University of North Carolina-Chapel Hill, Chapel Hill, NC 09/2005 - 8/2006

Ph.D., Johns Hopkins Bloomberg School of Public Health, Baltimore, MD (Completed PhD as part of the Medical Scientist Training Program) 08/2002 - 11/2005

Residency, Obstetrics and Gynecology, University of Missouri-Kansas, Kansas City, MO 07/2010 - 06/2013

Internship, Obstetrics and Gynecology, New York Presbyterian Hospital/Weill Cornell Medical Center, Manhattan, NY 06/2009 – 06/2010

M.D., Johns Hopkins University School of Medicine, Baltimore, MD (Completed M.D. as part of Medical Scientist Training Program) 09/2001 - 05/2009

B.A. in Psychology, Johns Hopkins University, Baltimore, MD 09/1997 - 05/2001

Current Administrative Position

Director of Research 07/2016 - present
WellHealth Quality Care/Las Vegas Minimally Invasive Surgery
Las Vegas, NV

Professional Experience

Attending Physician 07/2016 - present
WellHealth Quality Care/Las Vegas Minimally Invasive Surgery
Las Vegas, NV

Attending Physician 12/2014 - 06/2016
Joint Base Langley-Eustis
Hampton, VA

Attending Physician 05/2014 - 12/2014
David Grant Medical Center, Travis AFB
Fairfield, CA

Attending Physician 10/2013 - 05/2014
Naval Medical Center Portsmouth
Norfolk, VA

Academic Appointments

1. Clinical Assistant Professor, Obstetrics and Gynecology, University of Nevada Las Vegas 07/2017-present
2. Associate Graduate Faculty, School of Community Health Sciences, University of Nevada Las Vegas 07/2017-present
3. Associate Graduate Faculty, Department of Sociology, University of Nevada Las Vegas 07/2017-present
4. Graduate Medical Education Faculty, Sunrise HCA consortium residency program, Obstetrics and Gynecology 11/2017-present

Other Positions and Employment

Research Assistant, Division of Social and Behavioral Health Sciences (Department of Health Policy at Johns Hopkins Bloomberg School of Public Health), Baltimore, MD. 06/2004 - 06/2005

Research Assistant, Center for Outcomes Research (Children's Hospital of Philadelphia), Philadelphia, PA. 6/2001 – 5/2009

Research Assistant, Division of Cardiology at Johns Hopkins Hospital, Baltimore, MD. 09/2001 - 05/2005
08/1998 - 05/1999

Summer Research Fellow, University of Pennsylvania Department of Biomedical Graduate Studies, Philadelphia, PA. 06/2000 - 08/2000

Summer Research Fellow, Division of Biological Sciences at Harvard University School of Public Health, Baltimore, MD. 06/1999 - 08/1999

Research Assistant, Johns Hopkins University, Baltimore, MD. 09/1999 – 06/2000

Certification and Licensure

Nevada State License, active 2016
Missouri State License, active 2013

Professional Memberships and Activities

American Congress of Obstetricians and Gynecologists, Junior Fellow in Practice 2013-present
American Association of Gynecologic Laparoscopists, member 2015-present

Honors and Awards

Top 10% of Reviewers for 2017, Obstetrics and Gynecology (The Green Journal) 2017
Top 10% of Reviewers for 2016, Obstetrics and Gynecology (The Green Journal) 2016
Top 10% of Reviewers for 2015, Obstetrics and Gynecology (The Green Journal) 2015
James A. Thorp M.D. Excellence in Research Award Recipient, Saint Luke’s Hospital (in Kansas City, MO) 2012
Robert Dyar Award Recipient, Johns Hopkins Bloomberg School of Public Health (Department of Epidemiology) 2004
Phi Beta Kappa Inductee 2001
Golden Key National Honor Society Inductee 2000

Committee Assignments and Administrative Services

N/A

Educational Activities

Role/Activity	Responsibilities	Title/Course	Location	Student Type	Dates
Course developer	Developed a CME accredited research methods course	How to do a research project	N/A. Course is an online course	Resident Physicians	4/2018-present
Curriculum committee member	Participated in developing Epidemiology and Biostatistics curriculum for the incoming and new 1 st year medical school class	“Analytics in Medicine”	University of Nevada, Las Vegas School of Medicine	Medical	2/2017-9/2017
Lecture Given	Developed lecture Gave lecture	“Pregnancy of unknown location”	Eastern Virginia Medical School	Obstetrics and Gynecology Residents	08/2014 – 05/2015
Lectures Given	Developed lecture series Gave regular lectures	“How to do a research project”	Naval Medical Center Portsmouth	Obstetrics and Gynecology Residents	08/2013 – 05/2014
Lectures Given	Developed lecture series Gave regular lectures	“How to do a research project”	University of Missouri-Kansas City	Obstetrics and Gynecology Residents	08/2011 - 05/2012

Lectures Given	Developed lecture series Gave regular lectures	"How to do a research project"	University of Nevada Las Vegas	Obstetrics and Gynecology Residents	08/2017 - present
Graduate Teaching Assistant	Aided in instruction of courses	"Observational Epidemiology"	Johns Hopkins Bloomberg School of Public Health	Graduate	10/2004 - 12/2004
Graduate Teaching Assistant	Aided in instruction of courses	"Cell Physiology"	Johns Hopkins Bloomberg School of Public Health	Graduate/ Medical	09/2004 - 10/2004
Graduate Teaching Assistant	Aided in instruction of courses	"Introductory Epidemiology"	Johns Hopkins Bloomberg School of Public Health	Graduate	07/2003 - 05/2004
Graduate Teaching Assistant	Aided in instruction of courses	"Methods and Applications of Cohort Studies"	Johns Hopkins Bloomberg School of Public Health	Graduate	01/2004 - 03/2004
Graduate Teaching Assistant	Aided in instruction of courses	"Observational Epidemiology"	Johns Hopkins Department of Mathematical Sciences	Graduate	09/1999 - 06/2003

Clinical Activities (if applicable)

N/A

Grants and Contract Awards

Past Grant Support

Title	Granting Agency/#	Award Total (Total/ Indirect Costs)	Role	Date
Medical Scientist Training Program				2001

Editorial Board Appointments or Serving on Boards

N/A

Manuscript Reviewer

Scientific Reviewer, Clinical Investigation Facility, 60 th MDG, Travis AFB	05/2014-12/2014
Scientific Reviewer, Journal of Pediatric and Adolescent Gynecology	04/2015-present
Scientific Reviewer, Maternal and Child Health Journal	06/2010-present
Scientific Reviewer, Obstetrics and Gynecology (The Green Journal)	05/2015-present
Scientific Reviewer, Cleveland Clinic Journal of Medicine	02/2016-present

Publications

Books

- "How to do a research project" (Editor: Rachel Chimits), Independently published through Amazon.com
December 18, 2016, ISBN-10: 1520174802

Peer-Reviewed Publications

- Felker GM, Thompson RE, Hare JM, Hruban RH, Clemetson DE, **Howard DL**, Baughman KL, Kasper EK. *Underlying causes and long-term survival in patients with initially unexplained cardiomyopathy.* N Engl J Med. 2000 Apr 13; 342(15):1077-84. (Number of times cited 733)

2. Ardehali H, Qasim A, Cappola T, **Howard D**, Hruban R, Hare JM, Baughman KL, Kasper EK. *Endomyocardial biopsy plays a role in diagnosing patients with unexplained cardiomyopathy*. Am Heart J. 2004 May; 147(5): 919-23. (Number of times cited 70)
3. Mandelker DL, Yamashita K, Tokumaru Y, Mimori K, **Howard DL**, Tanaka Y, Carvalho AL, Jiang WW, Park HL, Kim MS, Osada M, Mori M, Sidransky D. *PGP9.5 promoter methylation is an independent prognostic factor for esophageal squamous cell carcinoma*. Cancer Res. 2005 Jun 1; 65(11):4963-8. (Number of times cited 90)
4. Brandt JS, Downing AC, **Howard DL**, Kofinas JD, Chasen ST. *Citation classics in obstetrics and gynecology: the 100 most frequently cited journal articles in the last 50 years*. Am J Obstet Gynecol. 2010 Oct; 203(4): 355.e1-7. (Number of times cited 74)
5. Ardehali H, **Howard DL**, Hariri A, Qasim A, Hare JM, Baughman KL, Kasper EK. *A positive endomyocardial biopsy result for sarcoid is associated with poor prognosis in patients with initially unexplained cardiomyopathy*. Am Heart J. 2005 Sep; 150(3):459-63. (Number of times cited 73)
6. Seifert HA, **Howard DL**, Silber JH, Jobes DR. *Female gender increases the risk of death during hospitalization for pediatric cardiac surgery*. J Thorac Cardiovasc Surg. 2007 Mar; 133(3):668-75. Erratum in: J Thorac Cardiovasc Surg. 2007 Aug; 134(2):333-4. (Number of times cited 31)
7. Murphy DJ, **Howard D**, Muriithi A, Mendez-Tellez P, Sevransky J, Shanholtz C, Netzer G, Pronovost PJ, Needham DM. *Red blood cell transfusion practices in acute lung injury: what do patient factors contribute?* Crit Care Med. 2009 Jun; 37(6):1935-40. (Number of times cited 10)
8. **Howard DL**, Silber JH, Jobes DR. *Do regulations limiting residents' work hours affect patient mortality?* J Gen Intern Med. 2004 Jan; 19(1):1-7. Erratum in: J Gen Intern Med. 2004 Feb; 19(2):204. Silber, Jeffery H [corrected to Silber, Jeffrey H]. (Number of times cited 2)
9. **Howard DL**, Latkin CA. *A bridge over troubled waters: factors associated with non-injection drug users having injection drug-using sex partners*. J Acquir Immune Defic Syndr. 2006 Jul; 42(3):325-30. (Number of times cited 18)
10. **Howard DL**, Marshall SS, Kaufman JS, Savitz DA. *Variations in low birth weight and preterm delivery among blacks in relation to ancestry and nativity: New York City, 1998-2002*. Pediatrics. 2006 Nov; 118(5):e1399-405. (Number of times cited 60)
11. **David L Howard**, Donna Strobino, Susan Sherman, Rosa Crum. *Within the Correctional Setting (Prisons), Is There an Association Between the Quantity of Prenatal Care and Infant Birthweight?* Paediatric and Perinatal Epidemiology. 2008 Jul; 22(4):369-78. (Number of times cited 7)
12. **David L Howard**, Donna Strobino, Susan Sherman, Rosa Crum. *Timing of incarceration during pregnancy and birth outcomes: Exploring racial differences*. Matern Child Health J. 2009 Jul; 13(4):457-66. Epub 2008 Jun 17. (Number of times cited 8)
13. **Howard DL**, Strobino D, Sherman SG, Crum RM. *Maternal Incarceration During Pregnancy and Infant Birthweight*. Matern Child Health J. 2011 May; 15(4):478-486. (Number of times cited 3)
14. **Howard DL**, Christenson PJ, Strickland JL. *Use of intraoperative fluoroscopy during laparotomy to identify fragments of retained Essure microinserts: case report*. J Minim Invasive Gynecol. 2012 Sep; 19(5):667-70. (Number of times cited 8)
15. **Howard DL**, Wall J, Strickland JL. *Physician Attitudes Toward Over the Counter Availability for Oral Contraceptives*. Matern Child Health J. 2013 Dec; 17(10):1737-43. (Number of times cited 4)
16. **Howard DL**, Wall J, Strickland JL. *What are the factors predictive of hysterosalpingogram compliance after female sterilization by the Essure procedure in a publicly insured population?* Matern Child Health J. 2013 Dec; 17(10):1760-7. (Number of times cited 8)
17. **Howard DL**, Wayman R, Strickland JL. *Satisfaction with and Intention to Continue Depo-Provera Versus the Mirena IUD among Post-Partum Adolescents through 12 Months of Follow-Up*. J Pediatr Adolesc Gynecol. 2013 Dec; 26(6):358-65. (Number of times cited 9)

18. **Howard DL**, Soulli B, Johnson N, Cooper S. *Women's Understanding of the Term "Pap Smear": A Comparison of Spanish-Speaking and English-Speaking Women [Abstract]*. *Obstet Gynecol*. 2015 May; 125 Suppl 1:3S. (Number of times cited 1)
19. **Howard DL**, Hunter J, Hostetter S, Johnson N, Cooper S, Malnar G. *Women's understanding of the term 'Pap smear.'* *Matern Child Health J*. 2015 Jul; 19(7):1455-63. (Number of times cited 6)
20. **Howard DL**, Soulli B, Johnson N, Cooper S. *Women's Understanding of the Term 'Pap smear': A Comparison of Spanish-Speaking Versus English-Speaking Women*. *Matern Child Health J*. 2016 Nov; 20(11):2336-2347. (Number of times cited 1)
21. **Howard DL**. Risk Factors and Outcomes for Conversion to Laparotomy of Laparoscopic Hysterectomy in Benign Gynecology. *Obstet Gynecol*. 2017 Apr;129(4):751-752. (Number of times cited 6)
22. **Howard DL**. Bariatric Surgery or Intensive Medical Therapy for Diabetes after 5 Years. *N Engl J Med*. 2017 May 18;376(20):1996. (Number of times cited 5)
23. **Howard DL**, Beasley LM. Pregnant with a perforated levonorgestrel intrauterine system and visible threads at the cervical os. *BMJ Case Rep*. 2017 May 22; 2017.
24. Gutierrez MM, Pedroso JD, Volker KW, **Howard DL**, McCarus SD. *The McCarus-Volker ForniSee®: A Novel Trans-illuminating Colpotomy Device and Uterine Manipulator for Use in Conventional and Robotic-Assisted Laparoscopic Hysterectomy*. *Surgical Technology International*. 2017 Jul 25; 30:191-196. (Number of times cited 2)
25. Pedroso JD, Gutierrez MM, Volker KW, **Howard DL**. *Thermal Effect of J-Plasma® Energy in a Porcine Tissue Model: Implications for Minimally Invasive Surgery*. *Surg Technol Int*. 2017 Jul 25;30:19-24. (Number of times cited 1)
26. **Howard DL**. Where do I fit? *Am J Obstet Gynecol*. 2017 Oct;217(4):485-486.
27. **Howard DL**, Ford A, Ceballos S, Volker KW. Temporal trends in the uptake and continuation of the etonogestrel implant in a large private practice setting. *J Womens Health (Larchmt)*. 2017 Oct 4. Epub ahead of print
28. **Howard DL**, McGlynn A, Greer JA. Complications of Sling Surgery for Stress Urinary Incontinence Among Female Military Beneficiaries. *J. Womens Health (Larchmt)*. 2018 Jan 10. Epub ahead of print
29. **Howard DL**, McGlynn A, Greer JA. Military Surgeon Volume and Stress Incontinence Surgery Complications: a Retrospective Cohort Study. *J Minim Invasive Gynecol*. July-Aug 2018.
30. Parks, Barnhart, Kurt T, **Howard, David L**. Trends in the Management of Nonviable Pregnancies of Unknown Location in the United States. (In Press, *Gynecologic and Obstetric Investigation* 2018-Jun-06).

Published abstracts

1. **D. Howard**, A. Ford, S. Ceballos, K. Volker. "Temporal Trends in the Uptake of the Etonogestrel Implant in a Large Private Practice Setting." *J Minim Invasive Gynecol* 24(7): S181.
2. **D. Howard**, A. Ford, S. Ceballos, K. Volker. "The Incidence of Mechanical Complications of Intrauterine Devices in the United States." *J Minim Invasive Gynecol* 24(7): S182.
3. **D. Howard**, A. Ford, S. Ceballos, K. Volker "Temporal Trends in the Insertion to Removal Interval for LARCs in a Diverse Private-Practice Patient Population." *J Minim Invasive Gynecol* 24(7): S180-S181.
4. Parks M, Barnhart K, **Howard D**. Uterine Curettage Versus Presumptive Methotrexate for Non-Viable Pregnancy of Unknown Location [33H]. *Obstetrics & Gynecology*. 2017;129:91S.
5. Parks MA, Barnhart KT, **Howard DL**. Is There a Consensus Regarding Management of a Pregnancy of Unknown Location? [23C]. *Obstetrics & Gynecology*. 2016;127:32S.
6. **Howard DL**, Soulli B, Johnson N, Cooper S. *Women's Understanding of the Term "Pap Smear": A Comparison of Spanish-Speaking and English-Speaking Women [Abstract]*. *Obstet Gynecol*. 2015 May; 125 Suppl 1:3S.

Articles Under Review for Publication

1. Choosing embryo donation for economic and not biological reasons: a case report. David L Howard and Joseph R Thomas. (Under review, Obstetrics and Gynecology)
2. Intrauterine Pressure During Hysteroscopic Morcellation: A comparison of three commercially available devices. Erica Stockwell and David L Howard. (Under review, Journal of Minimally Invasive Gynecology)

Current IRB Approved Studies

1. Is there an association between surgeon volume and complications after sling placement for stress urinary incontinence? [Role=Co-Principal Investigator; Site=Naval Medical Center Portsmouth; Status: manuscripts in press]
2. The Las Vegas LARC Discontinuation study. [Role=Co-Investigator. Site=WellHealth Quality Care. Status: complete]
3. Fibroid Health literacy Study [Role= Co-Investigator, site=WellHealth Quality Care, Status=data collection]
4. The Hospital compare study [Role=Co-investigator, site=University of Nevada Las Vegas, Status=participant recruitment]

Abstracts and Presentations

Oral presentations

National/International Meetings

1. **“Women’s understanding of the term “Pap smear”: a comparison of Spanish speaking versus English speaking women.”**
Howard DL, Soulli B, Johnson N, Cooper S. Presented as an oral presentation at the 2015 Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists (May 2-6, San Francisco, CA).
2. **“Satisfaction with and Intention to Continue Depo-Provera Versus the Mirena IUD among Post-Partum Adolescents through 12 Months of Follow-Up.”**
Howard DL, Wayman R, Strickland JL. Presented as an oral presentation at the 2013 Annual meeting of the American Society for Reproductive Medicine (October 12-17, Boston, MA).
3. **“Positive endomyocardial biopsy for sarcoid is associated with a poor prognosis in patients with initially unexplained cardiomyopathy.”**
Ardehali, H, Thompson R, Howard, D.L, Qasim, A, Baughman, K, Kasper, E.K. Presented by co-author Edward Kasper at the 2003 American Heart Association Scientific Sessions 2003 (November 9-12, Orlando, FL).
4. **“Incarceration during pregnancy and birth outcomes”**
Howard David L, Strobino Donna, Sherman Susan, Crum Rosa M. Presented as an oral presentation by first author at the 2005 Maternal and Child Health Epidemiology Conference (Miami, FL).
5. **“Dyslipidemia during pregnancy and preterm delivery”**
Anna Maria Siega-Riz, David Howard, David Savitz, John Thorpe. Presented by first author at the 2006 Annual Meeting of the Society for Pediatric and Perinatal Epidemiology (Seattle, WA).

Regional Meetings

6. **“Association between military surgeon volume and complications after sling placement for stress urinary incontinence”** Howard, McGlynn, Greer. Presented as oral presentation at 2016 Armed Forces District Meeting (September 18-21, Orlando, Florida)

Posters

National/International Meetings

7. **Women's Health Literacy Regarding the Hysterectomy Procedure and Uterine Fibroids.** Howard, Gopal, Stockwell, Pedroso, Brotherton, Volker. Accepted for Oral poster presentation at 2018 Annual Scientific Meeting of the Society of Gynecologic Surgeons, (March 11-14, Orlando, FL).

8. **A Systematic Review of Case Reports of Organ Damage secondary to Intrauterine Device Perforation,** Evans, Choi, Ogurek, Tran, **Howard**. Accepted for poster presentation at 2018 Annual Scientific Meeting of the Society of Gynecologic Surgeons, (March 11-14, Orlando, FL).
9. **Developing a Visual Aid to Improve Women’s Knowledge of Hysterectomy,** Stockwell, Gopal, Pedroso, Brotherton, Volker, Hodges, **Howard**. Poster presentation at The 46th AAGL Global Congress of Minimally Invasive Gynecology (November 12-17, 2017)
10. **The Incidence of Mechanical Complications of Intrauterine Devices in the United States,** **Howard**, Ford, Ceballos, Volker. Poster presentation at The 46th AAGL Global Congress of Minimally Invasive Gynecology (November 12-17, 2017)
11. **Temporal Trends in the Insertion to Removal Interval for LARCs in a Diverse Private-Practice Patient Population,** **Howard**, Ford, Ceballos, Volker. Poster presentation at The 46th AAGL Global Congress of Minimally Invasive Gynecology (November 12-17, 2017)
12. **Temporal trends in the uptake of the etonogestrel implant in a large private practice setting** **Howard**, Ford, Ceballos, Volker. Poster presentation at The 46th AAGL Global Congress of Minimally Invasive Gynecology (November 12-17, 2017)
13. **Complications of Sling Surgery for Stress Urinary Incontinence among Female Military Beneficiaries.** **Howard**, McGlynn, Greer. Presented at the 42nd Annual Meeting of the International Urogynecological Association 2017 (June 20-24, Vancouver, Canada)
14. **“Is there a consensus regarding the management of pregnancy of unknown location?”** Parks M, Barnhart K, **Howard DL**. Presented at the 2016 Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists (May 14-17, Washington D.C.).
15. **“Uterine curettage versus presumptive methotrexate for non-viable pregnancy of unknown location.”** 2017 Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists (May 6-9, San Diego, CA).

Other Creative Products

N/A

Patents and Technology Transfer

1. The IU-Cam. (The Intrauterine CAMera). Provisional Patent filed 06/02/2016
2. Articulating Laparoscopic Assist Devices . Provisional Patent filed 06/27/2017

Professional Development

Internship, Obstetrics and Gynecology, New York Presbyterian Hospital/Weill Cornell Medical Center, Manhattan, NY 06/2009 – 06/2010

Community Service

Community Instructor, Department of Obstetrics and Gynecology, Eastern Virginia Medical School 08/2014 – 09/2016