

Curriculum Vitae
Kenneth Ward, M.D.

Education and Training:

Undergraduate: University of Florida, BS
Medical School: University of Florida College of Medicine, MD
Residency: University of Utah Affiliated Hospitals, Obstetrics and Gynecology and
George Washington University, Obstetrics and Gynecology
Fellowship: University of Utah Affiliated Hospitals, Maternal-Fetal Medicine and Medical
Genetics
Board Certification: National Board Diplomat, Medical Genetics, Obstetrics and Gynecology,
Maternal Fetal Medicine, and Molecular Genetics

Faculty Positions:

1988 Instructor, University of Utah
1990 Assistant Professor, University of Utah, Department of OB/GYN
1993 Adjunct Assistant Professor, University of Utah, Department of Human
Genetics
1993 Investigator, University of Utah, Eccles Program in Human Molecular Biology
and Genetics
1994 Associate Professor, University of Utah, Department of OB/GYN
1995 Adjunct Associate Professor, University of Utah, Department of Human
Genetics
1996 Chief, Division of Reproductive Genetics, University of Utah
1998 Professor, University of Utah, Department of OB/GYN
1999 Adjunct Professor, University of Utah, Department of Human Genetics
2003 Professor and Chair, University of Hawaii, Department of OB/GYN and
Women's Health

Biotechnology Experience:

1995 Founder and Molecular Genetics Consultant, Affiliated Genetics
1998 Founder and Chief Scientist, EmerGen, Inc.
2000 President/ Acting Chief Executive Officer, EmerGen, Inc.
2000 Director, EmerGen, Inc.
2001 Chair, Clinical/Scientific Advisory Board, EmerGen, Inc.
2003 Founder and Chairman of the Board, CSO, Axial Biotech, Inc.
2003 Founder and President, Taueret Laboratories, L.L.C.
2006 Founder and CEO, Juneau Biosciences, L.L.C.

Professional Committees:

- Mountain States Regional Genetics Services Network
- Advisory Committee, Pregnancy Risk Line, Utah Department of Health
- Genetics Advisory Committee, Utah Department of Health
- Member, Adverse Pregnancy Outcome Study Group
- North American Society for the Study of Hypertension in Pregnancy
- American College of Obstetricians and Gynecologists Committee on Genetics
- NIH Pregnancy and Neonatology (PN) Study Section
- American Board of Obstetrics & Gynecology Examiner in Obstetrics

Professional Societies:

- American Association for the Advancement of Science
- American College of Obstetrics and Gynecology, Fellow
- American College of Medical Genetics, Founding Fellow
- American Heart Association - Hypertension Interest Group
- American Institute of Ultrasound in Medicine
- American Medical Association
- American Society of Human Genetics
- American Society for Reproductive Medicine
- Association of Professors of Gynecology and Obstetrics
- APGO Medical Education Foundation
- International Society for the Study of Hypertension in Pregnancy
- Kennedy Institute of Bioethics
- North American Society for the Study of Hypertension in Pregnancy, Board of Directors
- Society for Gynecologic Investigation
- Society for the Investigation of Early Pregnancy Loss
- Society of Perinatal Obstetricians
- Society of Maternal-Fetal Medicine
- Utah Medical Association

Recent Publications:

- Ward K, Ogilvie J, Argyle V, Nelson L, Meade M, Braun J, Chettier R. 2009. Polygenic inheritance of adolescent idiopathic scoliosis: A study of extended families in Utah. *American Journal of Medical Genetics*.
- Ward K, Lindheimer M. 2009. Genetic Factors in the Etiology of Preeclampsia/Eclampsia. In: Lindheimer M, Roberts J, Cunningham F, eds. *Chesley's Hypertensive Disorders in Pregnancy*. Third ed. London: Academic Press. p 51-72.
- Ward K. 2008. Genetic factors in common obstetric disorders. *Clin Obstet Gynecol* 51(1):74-83.
- Ward K. 2008. Searching for genetic factors underlying pre-eclampsia: recent progress and persistent challenges. *Minerva Ginecol* 60(5):399-419.
- Zhang XQ, Craven C, Nelson L, Varner MW, Ward KJ. 2007. Placental abruption is more frequent in women with the angiotensinogen Thr235 mutation. *Placenta* 28(7):616-9.
- Braun J, Nelson L, Ogilvie J, Ward K. 2007. Twelve DNA Markers Accurately Assess Risk of Progression in AIS. *Scoliosis Research Society 42nd Annual Meeting*. Edinburgh, Scotland.
- Braun J, Nelson L, Ogilvie J, Ward K. 2007. Genetics and Etiologies. 1st International Congress of Early Onset Scoliosis and the Growing Spine. Madrid, Spain.
- Ward K, Argyle V., Meade M., Nelson, L. The Heritability of Preterm Delivery. *Obstet Gynecol*. 2005 Dec;106(6):1235-9.
- Ogilvie J, Braun J, Argyle V, Nelson L, Meade M, Ward K. The Search for Idiopathic Scoliosis Genes. *Spine*, 2006 Mar 15;31(6):679-81.
- Elliott CG, Glissmeyer E, Havlena G, Carlquist J, McKinney J, Rich S, McGoon M, Scholand M, Kim M, Jensen R, Schmidt J, Ward K. Relationship of BMPR2 Mutations to Vasoreactivity in Pulmonary Arterial Hypertension (PAH). *Circulation* 2006 May 30;113(21):2509-15.
- Allsopp R, Shimoda J, Easa D, Ward K. Long Telomeres in the Mature Human Placenta. *Placenta*, 2006 Jun 22; PMID: 1680646031.
- Ward K. Microarray Technology in Obstetrics and Gynecology: A Guide for Clinicians. *Am J Obstet Gynecol*, 2006 Aug;195(2)364-72.
- Shomaker TS, Ward K: Microarray Technology in Biomedical Research. *Hawaii Med J*.

2006 Sep;65(9):253-6.

- Bleyl SB, Botto LD, Carey JC, Young LP, Bamshad MJ, Leppert MF, Ward K: Analysis of a Scottish Founder Effect Narrows the TAPVR-1 Gene Interval to Chromosome 4q12. *Am J Med Genet A*, 2006 Nov 1;140(21):2368-73.
- Zhang XQ, Craven C, Nelson L, Varner MW, Ward KJ. Placental Abruption Is More Frequent in Women with the Angiotensinogen Thr235 Mutation. *Placenta* 2006 Nov 17;[Epub ahead of print] PMID: 17116328.
- Morgan T, Rohrwasser A, Zhao L, Hillas E, Cheng T, Ward K, Lalouel JM: Hypervolemia of Pregnancy is Not Maintained in Transgenic Mice Chronically Overexpressing Angiotensinogen. *Am J Obstet Gynecol*, 2006 Dec;195(6):1700-6.
- Bernstein I, Flaherty K, Kristensen E, Ward K, Angiotensinogen Genotype and Severe Fetal Heart Rate Decelerations Following Intrapartum Spinal Analgesia Submitted *American Journal of Obstetrics and Gynecology* 2005.
- Ward K: Sonographic Indications for Molecular Genetic Testing. *Donald School Journal of Ultrasound in Obstetrics and Gynecology*, October-December 2007;1(4):7-17.
- Ward K, Ogilvie J, Argyle V, Nelson L, Meade M and Braun J. Polygenic Inheritance of Adolescent Idiopathic Scoliosis: A Study of Extended Families in Utah, *Am J Med Genet*, 2009.
- Ward K, Demystifying the Genetic Test for Scoliosis. *Roundtables in Spine Surgery Volume 2 –Number 3- 2008*
- Ward K, Searching for genetic factors underlying preeclampsia: Recent progress and persistent challenges. Submitted *Minerva Ginecologica* 2008.