

# WAKE FOREST SCHOOL OF MEDICINE

## CURRICULUM VITAE

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ADDRESS:

BUSINESS: Department of Anesthesiology  
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EDUCATION:

1985-1989 University of Kansas School of Medicine  
Kansas City, Kansas  
M.D.

1984 Wichita State University  
Wichita, Kansas  
(Non-degree)

1979-1983 Kansas State University  
Manhattan, Kansas  
B.A. (Conferred May 1984)

1979-1983 Manhattan Christian College  
Manhattan, Kansas  
(Non-degree)

POSTDOCTORAL TRAINING:

1992-1993 Fellowship-CA-III  
Obstetric Anesthesia  
Department of Anesthesia  
St. Luke's Hospital  
University of Missouri at Kansas City  
Kansas City, Missouri

1990-1993 Residency  
Department of Anesthesia  
St. Luke's Hospital  
University of Missouri at Kansas City  
Kansas City, Missouri

1989-1990 Internship  
Department of Obstetrics and Gynecology  
St. Luke's Hospital  
University of Missouri at Kansas City  
Kansas City, Missouri

PROFESSIONAL LICENSURE:

1994	North Carolina #94-00119
1992	Missouri #MD101200 (inactive)

SPECIALTY CERTIFICATION:

2014	Maintenance of Certification in Anesthesiology
2009	Recertification (certificate #24805) American Board of Anesthesiology
2001-Present	Advanced Cardiac Life Support (ACLS) Provider
2001-Present	Clinical Research Investigator/Coordinator Certificate Program
1999-2010	Newborn Resuscitation Program (Instructor Certification)
1994	Board Certified American Board of Anesthesiology
1990	Diplomate National Board of Medical Examiners

EMPLOYMENT:

ACADEMIC APPOINTMENTS:

July 2008-Present	Professor of Anesthesiology/Obstetric Anesthesia Department of Anesthesiology Wake Forest School of Medicine Winston-Salem, North Carolina
July 2001-June 2008	Associate Professor of Anesthesiology/Obstetric Anesthesia Department of Anesthesiology Wake Forest University School of Medicine Winston-Salem, North Carolina
July 1995-June 2001	Assistant Professor of Anesthesiology/Obstetric Anesthesia Department of Anesthesiology Wake Forest University School of Medicine Winston-Salem, North Carolina
Feb. 1994-June 1995	Instructor Department of Anesthesiology Bowman Gray School of Medicine of Wake Forest University Winston-Salem, North Carolina

EMPLOYMENT: (Continued)

PROFESSIONAL EXPERIENCE:

1993-1994	Research Associate Department of Biological Sciences University of Missouri at Kansas City Kansas City, Missouri
July-August 1985 June-August 1986	Cancer Data Service University of Kansas School of Medicine Kansas City, Kansas

ADMINISTRATIVE SERVICE:

INSTITUTIONAL SERVICE:

2015-Present	Office of Global Health Faculty Affiliate, Wake Forest School of Medicine
2009-Present	Maya Angelou Center for Health Equity Faculty Affiliate, Wake Forest School of Medicine
2006-2007	Women's Health Center of Excellence Liaison to the Department of Anesthesiology
2002-2005	Course Director, Health Care for the Underserved WFU Medical Student Elective Course
1995-2002	International Health Affairs Advisory

DEPARTMENTAL SERVICE:

2016-present	Global Health Committee
2016-present	Research Committee
2008-present	Promotions Committee
2002-2004	Co-Director of Clinical Research
2001-2002	Anesthesia Department Research Committee
1998-2000	Finance Committee
1995-1998	Faculty Recruitment Committee
1994-1995	Capital Equipment Committee

EXTRAMURAL APPOINTMENTS AND SERVICE:

AFFILIATION:

2014-Present	Medical Director of Global Health Novant Health Maya Angelou Women's Health and Wellness Center
2001-Present	Kybele, Inc. Founder and President 501(c)(3) organization to promote safe childbirth worldwide through educational partnerships <a href="http://www.kybeleworldwide.org">www.kybeleworldwide.org</a> .
1994-Present	Novant Health - Forsyth Medical Center Division of Obstetric Anesthesia 3333 Silas Creek Parkway Winston-Salem, North Carolina 27103

EDITORIAL-JOURNAL REVIEWER:

2017-Present	Reviewer, <i>BMC Pregnancy and Childbirth</i>
2004-Present	Reviewer, <i>International Journal of Obstetric Anesthesia</i>
2001-Present	Reviewer, <i>Anesthesia and Analgesia</i>
2000-Present	Reviewer, <i>Regional Anesthesia and Pain Medicine</i> Reviewer, <i>Anesthesiology</i>

NATIONAL COMMITTEES:

2007-2011	American Society of Anesthesiology ASA Global Humanitarian Outreach Committee
2004-Present	Society of Obstetric Anesthesiology and Perinatology Founding Chair, International Outreach Committee
2000-2006	Society for Obstetric Anesthesia and Perinatology Education Committee

INTERNATIONAL COMMITTEES:

2012-present	World Federation Societies of Anesthesia Advisory Committee
2005-2012	World Federation Societies of Anesthesia Committee on Obstetric Anesthesia
2000-2004	The Turkish Society of Anesthesia and Reanimation Subcommittee on Obstetric Anesthesia

EXTRAMURAL APPOINTMENTS AND SERVICE: (Continued)

INTERNATIONAL MEDICAL SERVICES:

01/26/16-02/06/16	Coordinator, Kybele educational program to Ghana
04/04/15-04/11/15	Coordinator, Kybele educational program to Ghana
01/19/15-02/06/15	Coordinator, Kybele educational program to Ghana
09/22/14-10/03/14	Coordinator, Kybele educational program to Ghana.
05/19/14-05/31/14	Coordinator, Kybele educational program to Ghana.
03/22/14-03/29/14	Coordinator, Kybele educational program to Ghana.
01/14/14-01/22/14	Coordinator, Kybele educational program to Ghana.
09/21/13-10/05/13	Coordinator, Kybele educational program to Ghana.
05/20/13-06/01/13	Coordinator, Kybele educational program to Ghana.
01/19/13-02/01/13	Coordinator, Kybele educational program to Ghana.
05/22/12-06/02/12	Coordinator, Kybele educational program to Ghana.
01/28/12-02/05/12	Coordinator, Kybele educational program to Ghana.
09/24/11-10/07/11	Coordinator, Kybele educational program to Ghana.
05/21/11-06/02/10	Coordinator, Kybele educational program to Ghana.
09/22/10-10/02/10	Coordinator, Kybele educational program to Ghana.
04/24/10-05/05/10	Coordinator, Kybele educational program to Ghana.
01/20/10-01/31/10	Coordinator, Kybele educational program to Ghana.
09/16/09-09/27/09	Coordinator, Kybele educational program to Ghana.
05/24/09-05/31/09	Coordinator, Kybele educational program to Ghana.
04/04/09-04/11/09	Coordinator, Kybele educational program to Turkey.
09/20/08-09/28/08	Coordinator, Kybele educational program to Ghana.
03/07/08-03/17/08	Kybele site visit to Ghana to assess program development.
04/27/07-05/02/07	Participant, Kybele medical education program to Brazil
01/27/07-02/09/07	Coordinator, Kybele medical education program to Ghana. A 5 year program commenced between Kybele and the Ghana Health Service to reduce maternal and neonatal mortality.

EXTRAMURAL APPOINTMENTS AND SERVICE: (Continued)

INTERNATIONAL MEDICAL SERVICES:

09/09/06-09/23/06	Coordinator, Kybele medical education program to the Republic of Georgia and Armenia. Twelve doctors from 4 countries worked in 19 hospitals and gave 3 CME courses.
01/18/06-01/28/06	Coordinator, Kybele medical education to Ghana. Twelve medical volunteers from 3 countries participated in a CME and clinical training program in 3 hospitals in Accra, Ghana.
09/19/05-10/02/05	Coordinator, Kybele medical education program to Croatia. Fourteen doctors from 6 countries participated in a CME and clinical training program to teach obstetric anesthesia in 9 Croatian and 1 Slovenian hospital.
09/18/04-10/01/04	Coordinator, Kybele medical education program to Turkey. Eight physicians from 4 countries participated in a program to teach obstetric anesthesia in 9 Turkish university hospitals.
June 2003	Kybele site visit to Ghana (WFU Faculty Foreign Travel Award). Neonatal Resuscitation workshops were taught at Korle Bu Teaching Hospital Accra, Ghana and Komfo-Anokye Teaching Hospital Kumasi, Ghana
February 1996	Medical volunteer. Anesthesia services were provided at Umtata General Hospital, Umtata, South Africa
August 1993	Medical volunteer, Health Volunteers Overseas. Anesthesia services were provided at St. Jude Hospital, St. Lucia, West Indies
August 1992	Medical volunteer and Spanish course participant. Hospital General Department of Anesthesia, San Jose, Costa Rica

PROFESSIONAL MEMBERSHIPS:

2016-Present	International Association for the Study of Pain
2009-2011	International Anesthesia Research Society
1998-Present	Obstetric Anaesthetists' Association
1998-Present	Fulbright Association
1994-Present	North Carolina Society of Anesthesiologists
1993-Present	Society for Obstetric Anesthesia and Perinatology
1992-Present	American Society of Anesthesiologists
1992-Present	Health Volunteers Overseas

HONORS AND AWARDS:

November 2016	Atlee Lecturer, Department of Obstetrics and Gynecology, Dalhousie University, Halifax, Canada
November 2015	First Annual Dr. Keith Crocker Memorial Lecturer, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Saskatchewan, Saskatoon, Canada
October 2015	Nicholas M. Greene Award for Outstanding Humanitarian Contribution, American Society of Anesthesiologists, October 26, 2015
October 2012-2016	Best Doctors in America 2013, 2014, 2015, 2016
April 2013	Patient Safety Award and Zuspan Award Society for Obstetric Anesthesiology and Perinatology Annual Meeting, San Juan, PR, April 27, 2013
March 2013	2012 Human Relations Award 28 <sup>th</sup> Annual Community Service Awards Winston-Salem Chronicle
September 2012	Global Women's Health Award Maya Angelou Center for Women's Health and Wellness Forsyth Medical Center, Winston-Salem, NC
June 2012	Gates Grand Challenge 2012: Saving Lives at Birth One of 50 finalists from over 500 submissions
April 2011	Best Paper Award Recipient (2 <sup>nd</sup> Place Award) Society for Obstetric Anesthesiology and Perinatology Annual Meeting, Lake Las Vegas, NV, April 16, 2011
June 2010	3 <sup>rd</sup> class of Career Development for Women Leaders WFSOM Women's Health Center of Excellence
March 2010	International Anesthesia Research Society Innovation in Teaching Award \$15,000
May 2009	YWCA 2009 Women of Vision Award
May 2009	Society for Obstetric Anesthesia and Perinatology 2009 Teacher of the Year Award
2006-2009, 2003	Consumer Research Council of America
2008	University of Kansas Early Career Achievement in Medicine Award (received October 4, 2008)
April 2007	Harold R. Griffith Memorial Lecturer, McGill University, Montreal, Canada (\$1000)

HONORS AND AWARDS: (Continued)

2004	International Health Professional of the Year International Biographical Centre, Cambridge, England
March 2003	Wake Forest Faculty Foreign Travel Award (\$1500)
2001	National Registry of Who's Who
August 1998	Fulbright Scholarship to Turkey, Grant extension
August 1997	Fulbright Scholarship Senior Lecturer to Uludag University, Bursa, Turkey
August 1996	Outstanding Obstetrical Anesthesia Faculty Bowman Gray School of Medicine Nurse Anesthesia Graduating Class of 1996
March 1993	Honorable Mention: The effect of oral-transdermal clonidine on postoperative morphine sulfate requirements Midwest Anesthesia Resident's Conference
June 1993	First Place Award (\$1000): Glycyl-L-Glutamine ( $\beta$ -Endorphin-30-31) inhibits the central cardiorespiratory effects of $\beta$ -Endorphin-1-31 St. Luke's Hospital House Staff Research Day

GRANT FUNDING:

2017	USAID-Systems for Health Innovation Grant. Strengthening the Referral System in Ghana. \$228,955 (10/26/16)
2016	Society for Obstetric Anesthesiology and Perinatology: \$10,000 grant Kybele
2015	Novant Health Maya Angelou Women's Health and Wellness Center (\$15,000 director hours; \$15,000 Kybele program support)
2012-2015	Obstetric Anaesthetists' Association: \$18,000 (\$4,500 per year) grant to Kybele
2015	Society for Obstetric Anesthesiology and Perinatology: \$10,000 grant Kybele
2014	Novant Health Maya Angelou Women's Health and Wellness Center (\$15,000 director hours; \$15,000 Kybele program support)
2014	Society for Obstetric Anesthesiology and Perinatology: \$10,000 grant Kybele
2014	International Association for the Study of Pain: \$10,000 grant (Ghana, Armenia, and Serbia Kybele global health programs)



GRANT FUNDING: (Continued)

09/2013	Making Every Baby Count Initiative, Kybele sub-recipient \$2.125 million grant (4 year), to improve newborn survival in Ghana
05/2012	Kybele-USAID Collaboration: A Strategy to Strengthen the Obstetric Referral Processes that lead to Ridge Regional Hospital, Greater Accra Region (\$410,000)
2011	Raised \$127,660 in grants/donations for Kybele
05/2011	Kybele-USAID-Ghana International Women's Club-Ridge Regional Hospital, Accra, Ghana – A project to refurbish and equip a new obstetric operating theatre (\$830,000) – Inaugurated by the First Lady of Ghana, March 1, 2012
11/13/09	International Association for the Study of Pain: \$20,000 grant to Kybele
10/02/09	The Lacy Foundation: \$10,000 grant to Kybele
08/12/09	The Obstetric Anaesthetists' Association: \$4,800 grant to Kybele
06/05/09	Foundation for Purposeful Living: \$2,500 grant to Kybele
04/22/09	Indigo-Orb: \$5,000 grant to Kybele for International Traveling Scholars
12/01/08	Society for Obstetric Anesthesia and Perinatology: \$5,000 grant to Kybele
02/11/08	International Association for the Study of Pain: \$20,000 grant to Kybele
09/14/07	The Lacy Foundation: \$10,000 grant to Kybele
08/17/07	Society for Obstetric Anesthesia and Perinatology: \$5,000 grant to Kybele
08/0707	The Obstetric Anaesthetists' Association: Two year \$60,000 grant to Kybele
03/09/07	Foundation for Purposeful Living: \$2,000 grant to Kybele
01/11/07	B. Braun: \$5,000 grant to Kybele
07/17/06	Society for Obstetric Anesthesia and Perinatology: \$5,000 grant to Kybele
08/16/05	B. Braun: \$1,500 grant to Kybele
07/28/05	Society for Obstetric Anesthesia and Perinatology: \$2,000 grant to Kybele

GRANT FUNDING: (Continued)

11/05/04	World Federation Societies of Anesthesia: \$2,450 grant to Kybele
9/09/04	Baxter, International Foundation: \$5,000 grant to Kybele
8/19/04	B. Braun: \$1,500 grant to Kybele
2004	STTR Phase I: 1 R41 DA018029-01, \$100,000 Collaborator; Pharmacotherapy for Opiate Addiction and Toxicity.
08/97-06/99	Fulbright Teaching Grant, \$50,000: To Develop a Curriculum for Obstetric Anesthesia Education in Turkey.

BIBLIOGRAPHY:

JOURNAL ARTICLES:

Potisek MG, Hatch DM, Atito-Narh E, Agudogo J, Olufolabi AJ, Rieker M, Muir HA, Owen MD. Where are they now? Evolution of a nurse anesthesia training school in Ghana and a survey of graduates. *Frontiers in Public Health* 2017 Apr 13 (5). doi; 10.3389/pubh.2017.00078.

Srofenyoh EK, Kassebaum NJ, Goodman DM, Olufolabi AJ, Owen MD. Measuring the impact of a quality improvement collaboration to decrease maternal mortality in a Ghanaian regional hospital. *Int J Gynaecol Obstet.* 2016 Apr 15. pii: S0020-7292(16)30086-8. doi: 10.1016/j.ijgo.2015.11.026.

Owen MD. So easy, So hard. *Anesthesiology* 2016;125(1):251-2.

Ramaswamy R, Kallam B, Kopic D, Pujic B, Owen MD. Global health partnerships: building multinational collaborations to achieve lasting improvements in maternal and neonatal health. *Globalization and Health* 2016;12:22 <http://dx.doi.org/10.1186/s12992-016-0159-7>

Hatch DM, Atito-Narh E, Herschmiller EJ, Olufolabi AJ, Owen MD. Refractory status epilepticus after inadvertent intrathecal injection of tranexamic acid treated by magnesium sulfate. *Int J Obstet Anesth* 2016;26:71-5.

Ramaswamy R, Iracane S, Srofenyoh E, Bryce F, Floyd L, Kassam B, Olufolabi A, Van Zeyl R, Owen M. Transforming maternal and neonatal outcomes in tertiary hospitals in Ghana: An integrated approach for systems change. *J Obstet Gynaecol Can* 2015;37(10):905-14.

Onuoha O, Ramaswamy R, Srofenyoh E, Kim S, Owen M. The effects of resource improvement on decision-to-delivery times for cesarean deliveries in a Ghanaian regional hospital. *Int J Gynaecol Obstet* 2015;130(3):274-8.

Olufolabi AJ, Atito-Narh E, Eshun M, Ross VH, Muir HA, Owen MD. Teaching neuraxial anesthesia techniques for obstetric care in a Ghanaian referral hospital: Achievements and obstacles. *Anesth Analg* 2015;120:1317-22. (Accompanying editorial *Anesth Analg* 2015;120:1179-81)

Kodali BS, Jagannathan DK, Owen MD. Establishing an obstetric neuraxial service in low-resource areas. *Int J Obstet Anesth* 2014;23:267-73.

## BIBLIOGRAPHY:

### JOURNAL ARTICLES:

Ninidze N, Bodin S, Ivester T, Councilman L, Clyne B, Owen M. The impact of clinical education and quality improvement methods on obstetric anesthesia practices in the Rep. of Georgia. *Int J Gynecol Obstet* 2013;120:296-300.

Srofenyoh E, Ivester T, Engmann C, Olufolabi A, Bookman L, Owen M. Advancing obstetric and neonatal care in a regional hospital in Ghana via continuous quality improvement. *Int J Gynecol Obstet* 2012;116:17-21.

Bookman L, Engmann C, Srofenyoh E, Enweronu-Laryea C, Owen M, Randolph G, Price W, Barker P. Educational impact of a hospital-based neonatal resuscitation program in Ghana. *Resuscitation* 2010;81:1180-2.

Engmann C, Olufolabi A, Srofenyoh E, Owen M. Multidisciplinary team partnerships to improve maternal and neonatal outcomes: The Kybele experience. *International Anesthesia Clinics* 2010; 48(2):109-122.

Ross VH, Pan PH, Owen MD, Seid MH, Harris L, Clyne BB, Voltaire M, Eisenach JE. Neostigmine decreases bupivacaine use by patient controlled epidural analgesia during labor in a double blind randomized controlled study. *Anesth Analg* 2009;109(2):524-31 (accompanying editorial).

Kopic D, Sedensky M, Owen M. The impact of a teaching program on obstetric anesthesia practices in Croatia. *International Journal of Obstetric Anesthesia* 2009;18:4-9 (accompanying editorial).

Thomas JT, Pan PH, Harris LC, Owen MD, D'Angelo R. Dural puncture with a 27-gauge Whitacre needle as part of a combined spinal-epidural technique does not improve labor epidural catheter function. *Anesthesiology* 2005;103:1046-51.

Savona MR, Jacobsen MD, James R, Owen MD. Ultraviolet radiation and the risks of cutaneous malignant melanoma and non-melanoma skin cancer: Perceptions and behaviors of Danish and American Adolescents. *European Journal of Cancer Prevention* 2005;14(1):57-62.

Pan PH, Bogard TD, Owen MD. Incidences and characteristics of failures in obstetric neuraxial analgesia and anesthesia: A retrospective analysis of 19,259 deliveries. *International Journal of Obstetric Anesthesia* 2004;13(4):227-33.

Owen MD, Gautier P, Hood DD. Can ropivacaine and levobupivacaine be used as a test dose during regional anesthesia? *Anesthesiology* 2004;100:922-5.

Kaya FN, Sahin S, Owen MD, Eisenach JC. Epidural neostigmine produces analgesia but also sedation in women after cesarean delivery. *Anesthesiology* 2004;100:381-385.

Sahin S, Owen M. Obstetric analgesia and anaesthesia in Turkey and in the world. *Turk Anaest Rean Cemiy Mecm* 2002;30:52-59.

Owen MD, Poss MJ, Dean LS, Harper MA. Prolonged intravenous remifentanyl infusion for labor analgesia. *Anesth Analg* 2002;94:918-919.

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JOURNAL ARTICLES:

Owen MD, Thomas JA, Smith T, Harris LC, D'Angelo R. Ropivacaine 0.075% and bupivacaine 0.075% with fentanyl 2 µg/mL are equivalent for labor epidural analgesia. *Anesth Analg* 2002;94:179-183.

Owen MD, Unal CB, Callahan MF, Trivedi K, York C, Millington WR. Glycyl-glutamine inhibits the respiratory depression, but not the antinociception, produced by morphine. *Am J Physiol Regulatory Integrative Comp Physiol* 2000;279:1944-1948.

Owen MD, Dean LS. Ropivacaine. *Exp Opin Pharmacother* 2000;1:325-336.

Owen MD, Ririe D. The role of international experience in residency training. *Am J Anesthesiol* 2000;27:45-47.

Owen MD, Özsaraç Ö, Sahin S, Uçkunkaya N, Kaplan N, Maunaci I. Low-dose clonidine and neostigmine prolong the duration of intrathecal bupivacaine-fentanyl for labor analgesia. *Anesthesiology* 2000;92:361-366.

Meister G, D'Angelo R, Owen M, Nelson K, Gaver R. A comparison of epidural analgesia with 0.125% ropivacaine with fentanyl versus 0.125% bupivacaine with fentanyl during labor. *Anesth Analg* 2000;90:632-637.

Owen MD, D'Angelo R, Gerancher JC, Thompson JM, Foss ML, Babb JD, Eisenach JC. 0.125% ropivacaine is similar to 0.125% bupivacaine for labor analgesia using patient-controlled epidural infusion. *Anesth Analg* 1998;86:527-531.

Owen MD, Gürün MS, Zaloga GP, Millington WR. Glycyl-L-glutamine [ $\beta$ -endorphin<sub>-30-31</sub>] attenuates hemorrhagic hypotension in conscious rats. *Amer J Physiology* 1997;273(S Pt2):R1598-1606.

Owen MD, Fibuch EE, McQuillan R, Millington WR. Postoperative analgesia using a low-dose oral-transdermal clonidine combination: lack of clinical efficacy. *J Clin Anesth* 1997;9:8-14.

Unal CB, Owen MD, Millington WR. Cyclo(Gly-Gln) inhibits the cardiorespiratory depression produced by  $\Xi$ -endorphin and morphine. *Brain Res* 1997;747:52-59.

Gürün MS, Leinbach R, Moore L, Lee C-S, Owen MD, Eisenach JC. Studies on the safety of glucose and paraben-containing neostigmine for intrathecal administration. *Anesth Analg* 1997;85(2):317-323.

Owen MD, Stiles MM, Opper, SE, McNitt JD, Fibuch EE. Autonomic hyperreflexia in a pregnant paraplegic patient. *Reg Anesth* 1994;19:415-417.

Unal CB, Owen MD, Millington WR.  $\beta$ -Endorphin-induced cardiorespiratory depression is inhibited by glycyl-L-glutamine, a dipeptide derived from  $\beta$ -endorphin processing. *J Pharmacol Exp Ther* 1994;271:952-958.

Holmes F, Borek D, Owen-Kummer M, Hassanein R, Fishback J, Behbehani A, Baker A, Holmes G. Anal cancer in women. *Gastroenterology* 1988;95:107-111.

Perchellet JP, Posey TD, Owen MD. Comparison of the inhibitory effects of diverse amino acids and amino acid analogs on 12-0-tetradecanoylphorbol-13-acetate-induced ornithine decarboxylase activity in isolated epidermal cells. *Biochemica et Biophysica Acta* 1985;844:182-192.

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JOURNAL ARTICLES:

Perchellet JP, Owen MD, Posey TD, Orken DK, Schneider BA. Inhibitory effects of glutathione level-raising agents and D-alpha-tocopherol on ornithine decarboxylase induction and mouse skin tumor promotion by 12-O-tetradecanoylphorbol-13-acetate. *Carcinogenesis* 1985;6:567-573.

BOOK CHAPTERS AND INVITED PUBLICATIONS:

Owen M, Akinc H. Planning a Mission, Fundraising and Building a Team. The Role of Anesthesiology in Global Health: A Comprehensive Guide, 1<sup>st</sup> edition, Eds. Ram Roth, Elizabeth A.M. Frost, Clifford Gevirtz, Carrie L.H. Atcheson, Springer International Publishing, Switzerland 2015 pages 59-84. DOI 10.1007/978-3-319-09423-6\_5

Muir H, Owen M. Global Perspective on Obstetric Anesthesia. In: Suresh M, Segal S, Preston R (eds.) *Shnider & Levinson's Anesthesia for Obstetrics, 5<sup>th</sup> Edition*. 2013, 750-64.

Rittrof R, Magoma M, Filippi V, Owen MD. Global Issues in Maternal Health. In: Powrie R, Greene MF, Camann W (eds.) *DeSwiet's Textbook of Obstetric Medicine* 2010, 599-605.  
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Owen MD. Gebelikte maternal fizyolojik değişiklikler. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 23-28.

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Owen MD. Sezaryende genel anestezi. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 109-116.

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Owen MD. Gebelikte diabet. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 145-154.

Owen MD. Gebelik ve obezite. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 155-162.

Owen MD. Kanamali obstetric hastada anestezi. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 191-202.

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Owen, MD. Birth stories from the other side of the stirrups! In: Camann W, Alexander KJ (eds.) *Easy Labor: Every Woman's Guide to Choosing Less Pain and More Joy During Delivery*. New York: Random House, Inc., 2006, pp. 264-8.

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Owen MD, Şahin Ş. Obstetric anaesthesia practices in Turkey. In: Reynolds F (ed.) *Regional Analgesia in Obstetrics: A Millennium Update*. London: Springer Verlag, 2000, pp. 59-64.

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Şahin Ş, Owen MD (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Bursa, Turkey: Nobel & Güneş Tip Kitabevi 2006.

MISCELLANEOUS:

McQueen K, Dubowitz G, Newton M, Owen M, Roche A. Academic Partnerships: The future of Global Humanitarian Outreach. *American Society of Anesthesiology Newsletter* 2011;75(9): 60-3.

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Baysinger CL, Velickovic I, Palmer C, Pujic B, Braveman F, Owen M. Process Change and Anesthesia Trainee Instruction Improve Obstetric Anesthesia Care in a Serbian Obstetric Hospital: A Report of an On-going International Collaboration. SOAP 49<sup>th</sup> Annual Meeting, Bellevue, WA, May13, 2017 (poster presentation) SAT-12.

Pujic B, Velickovic I, Baysinger C, Braveman F, Palmer C, Owen M. Neuraxial and Narcotic Analgesia for Labor; Effects of Administrative Mandates on Availability and Use in a Serbian Obstetric Hospital. SOAP 49<sup>th</sup> Annual Meeting, Bellevue, WA, May12, 2017 (poster presentation) T-55.

Owen MD, Goodman DM, Pfeiffer E, Ramaswamy R, Olufolabi A, Tetteh C, Srofenyoh EK. The Impact of a Triage System Designed to Reduce Waiting Time and Prioritize Care for High-Risk Obstetric Patients in a Ghanaian Regional Hospital. Consortium of Universities for Global Health, 8<sup>th</sup> Annual Conference, Washington, DC, April 7-9, 2017 (Poster presentation) 2.025\_HHR.

Goodman D, Ramaswamy R, Jeuland M, Srofenyoh E, Engmann C, Olufolabi A, Owen M. Evaluating the Cost-Effectiveness of an Integrated Program to Reduce Maternal and Neonatal Mortality in Ghana. Consortium of Universities for Global Health, 8<sup>th</sup> Annual Conference, Washington, DC, April 7-9, 2017 (Poster presentation) 2.016\_WOM.

Baysinger C, Pujic B, Serafin J, Shotwell M, Owen M, Velickovic I. Individual anesthesiologist use of regional anesthesia for cesarean delivery in a Serbian obstetric hospital. American Society of Anesthesiology Annual Meeting, Chicago, IL, October 24, 2016 (poster presentation) A3024.

Bamber A, Washburn L, Owen M, Lambeth C. Improving hand hygiene among physicians and nurses in the NICU in Armenia through a multimodal hand hygiene strategy. International Health Conference 2016, King's College London, England June 20-22, 2016 (poster presentation).

Brathwaite KP, Owen M, Kamath-Rayne B, Moyer L. Resuscitation training and neonatal outcomes at a referral hospital in Ghana. Pediatric Academic Societies Meeting, Baltimore, MD, April 30-May 3 2016 (Poster presentation) Pub#:2842.350.

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Hatch DM, Potisek MG, Brennan K, Atito-Narh E, Olufolabi A, Owen M. Where are they now? A survey of the graduates of nurse anesthesia training school at Ridge Regional Hospital in Ghana. SOAP 48<sup>th</sup> Annual Meeting. Boston, MA, May 18-22, 2016 (Poster presentation) Abstract SA-39.

Pujic B, Owen M, Baysinger C, Shotwell MS, Serafin J, Velickovic I. The influence of an international teaching program on the use of neuraxial analgesia for labor and regional anesthesia for cesarean delivery in a Serbian obstetric hospital. SOAP 48<sup>th</sup> Annual Meeting. Boston, MA, May 18-22, 2016 (Poster presentation) Abstract SA-40.

PRESENTATIONS AT PROFESSIONAL MEETINGS: (Continued)

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Hatch D, Owen M, Herschmiller E, Atito-Narh E, Olufolabi A. Novel use of Magnesium to treat Refractory Status Epilepticus after accidental intrathecal injection of tranexamic acid. SOAP 47<sup>th</sup> Annual Meeting, Colorado Springs, CO, May 13-17, 2015 (Poster presentation) Abstract S-16.

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Onuoha O, Srofenyoh E, Ramaswamy R, Ahiapokpor E, Owen M. The Effect of Resource Improvement on the Decision-to-Delivery and Post-Anesthesia Care Unit Time Intervals in a Low-Resource Setting. Society for Obstetric Anesthesiology and Perinatology 45<sup>th</sup> Annual Meeting, San Juan, Puerto Rico, April, 2013. Abstract #F36 (Poster - SOAP/Kybele International Outreach Grant)

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Misa VS, Pan PH, Owen MD. Comparison of visual analog pain scale (VAPS) and verbal numeric rating scale (VNRS) for pain assessment during labor analgesia. *Anesthesiology* 2005;103:A572 (poster)

Ross VH, Pan PH, Owen MD, Seid MH, Eisenach JC. Open label comparison of epidural neostigmine in parturients undergoing elective cesarean section. *Anesthesiology* 2005;103:A581 (poster)

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Pan PH, Bogard T, Owen MD, Beck C. Labor epidural catheter-in-situ for postpartum tubal ligation surgery – A revisit. Society of Obstetric Anesthesia and Perinatology 36<sup>th</sup> Annual Scientific Meeting, Ft. Myers, FL, May 2004.

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Kutsal RM, Sahin S, Owen DM, Kelebek N, Kaplan N. Spinal anesthesia for cesarean section with different volumes of bupivacaine. *Int Monit Reg Anaesth Pain Ther* 2001;13:62 (poster)

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Smith T, Thomas JA, Owen MD, Harris LC, D'Angelo R. 0.075% Epidural ropivacaine and bupivacaine produce indistinguishable labor analgesia. *Anesthesiology* 2000;93:A1066 (poster)

PRESENTATIONS AT PROFESSIONAL MEETINGS: (Continued)

Owen MD, Sahin S. Obstetric anesthesia in Turkey. *Anesthesiology* 2000;Suppl:A54 (poster)

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Meister G, Owen M, D'Angelo R, Gaver R. Ropivacaine/Fentanyl provides equivalent epidural analgesia with less motor block than bupivacaine/fentanyl. *Anesthesiology* 1998;Suppl (oral presentation)

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D'Angelo R, Goldstein MJ, Gerancher JC, Owen MD. A comparison of bolus droperidol, metoclopramide, ondansetron and propofol on post operative nausea and vomiting following outpatient laparoscopic surgery. *Anesthesiology* 1997;87:A50.

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Owen MD, Fowler LT, Miller RJ. Morphine analgesia is not inhibited by Glycyl-L-Glutamine, a  $\beta$ -endorphin derived dipeptide. Society for Obstetric Anesthesia and Perinatology 29<sup>th</sup> Annual Meeting, Bermuda 1997 (poster).

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Owen MD, Unal CB, Millington WR. Morphine-induced cardiorespiratory depression is inhibited by the  $\beta$ -endorphin-derived peptide, glycyl-L-glutamine (Gly-gln) and cyclo (Gly-gln). *FASEB J* 1995;9(3):245 (poster)

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Owen MD, Unal CB. Peripheral administration of cyclic glycyl-glutamine inhibits opioid-induced cardiorespiratory depression. *Anesthesiology* 1995;83:A685 (oral presentation)

## PRESENTATIONS AT PROFESSIONAL MEETINGS: (Continued)

Owen-Kummer MD, Unal CB, Fibuch EE, Millington WR. Glycyl-L-glutamine inhibits the central hypotensive effects of  $\beta$ -endorphin-1-31. *Anesthesiology* 1993;79(Suppl 3A):A696 (oral presentation at the Midwest Anesthesia Resident's Conference, March 1993) Columbia, MO.

Unal CB, Owen-Kummer MD, Millington WR. Inhibition of  $\beta$ -endorphin-1-31 induced hypotension by glycyl-L-glutamine. *Soc Neurosci* 1993;19(pt 2):1160(A478.3) (poster)

Owen-Kummer MD, McQuillan RJ, Millington WR, Fibuch EE. The effect of oral-transdermal clonidine on postoperative morphine sulfate requirements. Midwest Anesthesia Resident's Conference (awarded honorable mention), March 1993, Columbia, MO.

## EXHIBITS/AWARDS AT SCIENTIFIC MEETINGS:

Watercolor painting:

- "Croak-ette Anyone," Viewer's Choice Award, First Place Award, American Society of Anesthesiologists, Annual Meeting Art Exhibit, New Orleans, Louisiana, October 2001.
- "Wild Sunflowers," Second Place Award, American Society of Anesthesiologists, Annual Meeting Art Exhibit, Atlanta, Georgia, October 1995.
- "Fins in Fantasea," Second Place Award, American Society of Anesthesiologists, Annual Meeting Art Exhibit, New Orleans, Louisiana, October 1992.
- "Leaving Impressions," Cover *Missouri Medicine*, October 1992.

## INVITED PRESENTATIONS AND SEMINARS:

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|----------|---|
| 06/09/17 | 64 <sup>th</sup> Annual Meeting of the Japanese Society of Anesthesiology Annual Meeting, Kobe, Japan <ul style="list-style-type: none"><li>• Improving Childbirth Safety Worldwide: Where the is the "Will"...There is the Way</li></ul>   |
| 03/03/17 | 2017 Maya Angelou International Women's Health Summit: A State, National and Global Priority. Novant Health Conference Center, Winston-Salem, NC <ul style="list-style-type: none"><li>• International Maternal and Infant Mortality</li><li>• The Bridge Project: Learning Leadership through Global Service</li></ul> |
| 02/24/17 | Indoanesthesia - the 14 <sup>th</sup> Annual Meeting of the Indonesian Society of Obstetric Anesthesia, Bali, Indonesia <ul style="list-style-type: none"><li>• Breaking Down Barriers: Improving Childbirth Safety Worldwide Through Partnership and Empowerment</li></ul>   |
| 11/09/16 | Dr. H.B. Atlee Lecture, Department of Obstetrics and Gynecology, Dalhousie University, Halifax, Canada <ul style="list-style-type: none"><li>• Global health system strengthening: Strategies for improving maternal and newborn care</li></ul>   |
| 11/09/16 | Department of Anesthesiology and Department of Obstetrics and Gynecology, Combined Grand Rounds, Dalhousie University, Halifax, Canada <ul style="list-style-type: none"><li>• Improving Childbirth Safety through Education, Partnership and Empowerment</li></ul>   |

INVITED PRESENTATIONS AND SEMINARS: (Continued)

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| 10/12/16-10/17/16 | 9 <sup>th</sup> National Conference of the Association of Obstetric Anaesthesiologists, Mumbai, India <ul style="list-style-type: none"><li>• Where there is a Will, there is a Way...Neuraxial Analgesia with Minimal Resources</li><li>• Spinal labour analgesia: A Protocol for Low Resource Settings</li><li>• Improving Maternal Morbidity and Mortality in Low Resource Areas – Our Experience</li></ul> |
| 12/09/15          | Society for Obstetric Anesthesiology and OpenAnesthesia Virtual Grand Rounds <ul style="list-style-type: none"><li>• Improving Childbirth Safety through Education, Partnership and Empowerment</li></ul>  |
| 11/13/15          | Dr. Keith Crocker Memorial Lecture, Department of Obstetrics, Gynecology and Reproductive Sciences, University of Saskatchewan, Saskatoon, Canada <ul style="list-style-type: none"><li>• Kybele-Improving Childbirth Safety through Education, Partnership and Empowerment</li></ul>  |
| 10/12/15          | Grandview University's Global Vision Week, Grandview University, Des Moines, IA <ul style="list-style-type: none"><li>• Frivolous Things</li></ul>   |
| 03/05/15          | Global Health Symposium – How Global Health Affects You and Our Local Community. Novant Health Maya Angelou Women's Health and Wellness Center. <ul style="list-style-type: none"><li>• Event Coordinator</li></ul>  |
| 11/20/14          | Maya Angelou International Women's Health Summit 2014 -A global priority, Novant Health Forsyth Medical Center, Winston-Salem, NC <ul style="list-style-type: none"><li>• International Maternal and Infant Mortality</li></ul>  |
| 09/19/14          | 3 <sup>rd</sup> Annual School of Obstetric Anesthesia Course<br>Novi Sad, Serbia <ul style="list-style-type: none"><li>• 10 years of Kybele Program</li></ul>  |
| 09/29/12-10/02/12 | Australian Society of Anaesthetists' 71st National Scientific Congress, Hobart, Tasmania <ul style="list-style-type: none"><li>• How to make an epidural work faster and better</li><li>• Kybele – for safe childbirth worldwide</li><li>• Millennium Development Goal 5 - can we make a difference?</li></ul>   |
| 05/17/12-05/19/12 | Association of University Anesthesiologists Annual Meeting, Cleveland, OH <ul style="list-style-type: none"><li>• Anesthesia Education Panel: Impact on Global Health - Obstetric Anesthesia: The Kybele Experience</li></ul>  |

INVITED PRESENTATIONS AND SEMINARS: (Continued)

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|-------------------|---|
| 10/27/11-10/29/11 | Turkish Society of Anesthesiology and Reanimation Annual Meeting, Antalya, Turkey <ul style="list-style-type: none"><li>• CSE in labor analgesia</li><li>• Epidural blood patch</li><li>• How to make an epidural work better and faster</li></ul>  |
| 03/20/10-3/23/10  | International Anesthesia Research Society Annual Meeting, Honolulu, Hawaii <ul style="list-style-type: none"><li>• Improving Childbirth Safety through Medical Educational Partnerships</li></ul>   |
| 03/10/10-03/12/10 | Burden of Surgical Disease Working Group, 3 <sup>rd</sup> Annual Meeting <i>From Science to Advocacy</i> , Nashville, TN <ul style="list-style-type: none"><li>• Obstetrical Delivery of Emergencies/Prevention of Morbidity and Mortality Breakout Group</li></ul>                                 |
| 09/12/09-09/16/09 | The 4 <sup>th</sup> All African Anaesthesia Congress, Nairobi, Kenya <ul style="list-style-type: none"><li>• Maternal Haemorrhage</li><li>• Labor Analgesia Workshop</li></ul>  |
| 03/28/09-03/31-09 | The 23 <sup>rd</sup> International Egyptian Conference on Anesthesia, Cairo, Egypt <ul style="list-style-type: none"><li>• How to Make an Epidural Work Fast and Better</li><li>• Epidural Blood Patch</li><li>• Emergency Cesarean Section: A Multinational View of the “30 minute” rule</li></ul> |
| 11/22/08          | Annual Meeting of the Japanese Society of Clinical Anesthesia, Kyoto, Japan <ul style="list-style-type: none"><li>• Emergency Cesarean Section: A Multinational View of the “30 minute” rule</li></ul>  |
| 11/18/08          | Visiting Professor, Hamamatsu University, Hamamatsu, Japan <ul style="list-style-type: none"><li>• Kybele: Safe Childbirth for Everyone</li></ul>   |
| 11/17/08          | Visiting Professor, Saitama University, Kawagoe, Japan <ul style="list-style-type: none"><li>• Management of Obstetric Hemorrhage</li></ul>   |
| 03/05/08          | The 14 <sup>th</sup> World Congress of Anaesthesiologists, Cape Town, South Africa <ul style="list-style-type: none"><li>• Maternal mortality: Outreach</li></ul>   |
| 11/24/07          | Grand Rounds, Wake Forest University Department of Anesthesiology <ul style="list-style-type: none"><li>• Kybele update: What in the world are we doing?</li></ul>  |
| 11/1/07           | Visiting Professor, Boca Raton Community Hospital, Boca Raton, Florida <ul style="list-style-type: none"><li>• Childbirth from the cradle of civilization</li></ul>   |

INVITED PRESENTATIONS AND SEMINARS: (Continued)

- 08/27/07 36<sup>th</sup> Argentine Congress of Anesthesiology, Salta, Argentina  
• Epidural blood patch for post-dural puncture headache  
• Anesthetic management for the morbidly obese, medically complicated patient  
• Obstetric hemorrhage
- 06/29/07 2<sup>nd</sup> International Symposium on Regional Anaesthesia and Pain Therapy, European Society of Regional Anaesthesia, Dubrovnik, Croatia  
• Epidural blood patch – A common sense approach
- 04/28/07 42<sup>nd</sup> Josulbra, South Brazilian Society of Anesthesia Meeting, Curitiba-Parana, Brazil  
• Fetal vitality and neonatal resuscitation – What the anesthesiologist should know
- 04/18/07-04/19/07 Visiting Professor, McGill University, Montreal, Canada  
• Resident Education Conference: Obstetric hemorrhage – Treatment options old and new  
• Harold R. Griffith Memorial Lecture: Kybele – A world view through an epidural needle  
• Joint grand rounds, Departments of anesthesiology and OBGYN: Obesity in pregnancy
- 03/06/07 The 23<sup>rd</sup> International Egyptian Conference on Anesthesia. Education, evidence based medicine and patient safety, Cairo, Egypt  
• A window on the world of OB anesthesia  
• Obstetric regional anesthesia with uncommon medical conditions  
• Obstetric Hemorrhage – New treatment options
- 02/01/07 Reducing Maternal and Neonatal Mortality and Morbidity in Ghanaian Health Institutions, Volta Regional Hospital, Ho, Ghana  
• Anesthesia for caesarean section
- 01/29/07 Reducing Maternal and Neonatal Mortality and Morbidity in Ghanaian Health Institutions, Ridge Hospital, Accra, Ghana  
• Kybele project outside Ghana – Vision, achievements and challenges
- 9/20/06 Actual Problems of Obstetric Anesthesia: Kybele Program Refresher Course Lectures, Yerevan, Armenia  
• Introduction of Kybele program and speakers  
• Management of obstetric hemorrhage  
• Panel Discussion
- 08/10/06 Summer Update on Obstetric Anaesthesia: Joint Meeting Society for Obstetric Anesthesia and Perinatology and the Obstetric Anaesthetists' Association, Trinity College, Dublin, Ireland  
• Windows into world anesthesia opportunities



INVITED PRESENTATIONS AND SEMINARS: (Continued)

- 05/08/06 Grand Rounds, Wake Forest University Department of OBGYN  
• A window on the world of obstetric anesthesia
- 03/03/06 Texas Anesthesia Conference for Obstetrics 2006  
• A window on the world of obstetric anesthesia  
• Neonatal resuscitation-What the anesthesia provider should know
- 01/21/06 Reducing Maternal and Neonatal Morbidity and Mortality in Ghanaian Hospitals, Accra, Ghana  
• Obstetric hemorrhage
- 09/24/05 First International Obstetric Anesthesia Meeting, Bol, Croatia  
• How to Win Over Colleagues and Establish a Pain Relief Service for labor  
• Basic Neonatal Resuscitation
- 05/06/04 Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Palm Desert, CA  
• Panel: International Aspects of Obstetric Anesthesia
- 05/05/04 Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Palm Desert, CA  
• Therapeutic Intervention during Newborn Resuscitation  
• Neonatal Resuscitation Course Examiner
- 11/09/04 Essential Care of the Newborn Course, Korle Bu Teaching Hospital, Accra, Ghana  
• Neonatal Resuscitation Practices in the USA  
• Tutorial – Neonatal Resuscitation
- 11/08/04 Maternal Mortality, Obstetric Anesthesia and Obstetric Emergencies Symposium, Korle Bu Teaching Hospital, Accra, Ghana  
• Obstetric Anesthesia Practices in the USA
- 10/6/04 Orioni Maternity Hospital, Tbilisi, Rep. of Georgia  
• Combined Spinal-Epidural: Another Choice for Labor Analgesia
- 09/29/04 Maltepe University, Istanbul, Turkey  
• Childbirth Pain and its Treatment – The effects on Mother and Fetus
- 09/01/04 Beth Israel Deaconess Hospital Department of Anesthesiology Grand Rounds, Boston, MA  
• From the Cradle of Civilization: Perspectives on Childbirth
- 09/01/04 Fulbright Academy of Science and Technology Round Table Discussion-Harvard's Museum of Comparative Biology, Boston MA
- 09/08/03 3<sup>rd</sup> European-American Anesthesia Congress, Split, Croatia  
• NRP: What the Anesthesiologist Needs to Know

INVITED PRESENTATIONS AND SEMINARS: (Continued)

- 06/24/03 Korle Bu Teaching Hospital, Accra, Ghana  
• Newer Methods of Pain Relief in Obstetric Anesthesia
- 06/20/03 Korle Bu Teaching Hospital, Accra, Ghana  
• Workshop on Neonatal Resuscitation
- 06/18/03 Komfo-Anokye Teaching Hospital, Kumasi, Ghana  
• Workshop on Neonatal Resuscitation
- 05/17/03 Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Phoenix, Arizona  
• Educational Panel: The Current Issues in OB Anesthesia- International Opportunities
- 04/11/03 Society of Brazilian Anesthesiologists Annual Meeting, Curitiba, Brazil  
• Newborn Resuscitation Workshop
- 06/06/02 University of Missouri-Kansas City, St. Luke's Hospital, Department of Anesthesiology  
Keynote Speaker for Annual Resident Graduation Dinner  
• From the Cradle of Civilization: Perspective on Childbirth Grand Rounds  
• Combined Spinal Epidural (CSE)—A Better Choice for Labor Analgesia?
- 05/09/02 Obstetric Anaesthetists Association Annual Meeting, Nottingham, UK  
• Panel: Overseas Challenges, Video Presentation "Kybele"
- 05/05/02 Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Hilton Head, South Carolina  
• Breakfast with the Experts. Topic: International OB Anesthesia Education Opportunities
- 03/13/02 Duke University Department of Anesthesiology Grand Rounds, Durham, North Carolina  
• From the Cradle of Civilization - Perspectives on Childbirth
- 10/20/01 Southern Regional International Health Medical Education Consortium (IHMEC) Conference. Moderated Q & A Session—Panelists, Wake Forest Univ School of Medicine  
• How do I Begin to Incorporate International Health into My Career?
- 09/12/01 General Clinical Research Series—Fall 2001, Winston-Salem, North Carolina  
• Protocols and Pitfalls of International Collaborative Research
- 03/30/01-04/01/01 Continuing Medical Education Course, Hecettepe University Ankara, Turkey

INVITED PRESENTATIONS AND SEMINARS: (Continued)

- 02/17/01 ESRA Zone Meeting/Uludag University Winter Symposium  
• Regional Anesthesia
- 12/13/00 OB/GYN Grand Rounds, Forsyth Medical Center  
• From the Cradle of Civilization–Perspectives on OB Anesthesia
- 11/01/00 Advances in Physiology and Pharmacology in Anesthesia and Critical Care. The Greenbrier, White Sulphur Springs, WV  
• Newer Analgesic Techniques (CSE and PCEA)
- 10/23/99 Panel Discussion: European Society of Regional Anesthesia - Zone Meeting, Brussels, Belgium  
• Intermittent Top–Ups Versus Continuous Infusion or PCEA: Who Benefits–the Parturient or the Anesthesiologist?
- 10/01/99 European Society of Regional Anesthesia, Istanbul, Turkey  
• Ropivacaine for Labor
- 09/30/99 Panel Discussion: European Society of Regional Anesthesia, Istanbul, Turkey  
• What's Better for Labor Analgesia–CSE or Epidural?
- 01/28/98 Bursa Society of Anesthesiologists Meeting  
• Sezaryerde Anestezi
- 03/17/98-03/18/98 Hecettepe University, Department of Obstetrics and Gynecology, Ankara, Turkey  
• Anesthesia for Cesarean Section  
• Childbirth Pain and its Treatment–The Effects on Mother and Fetus
- 11/26/97 3rd International Congress on Pain and Regional Anesthesia, Istanbul, Turkey  
• Obstetric Anesthesia–What's New
- 03/20/1996 Grand Rounds, Wake Forest University Department of Anesthesiology  
• Out of Africa: Adventures in Anesthesia
- 02/23/96 Umtata General Hospital, Umtata, South Africa, Medical Grand Rounds  
• New Guidelines for Blood Transfusion Therapy
- 04/28/95-05/03/95 Uludag University, Department of Anesthesiology, Bursa, Turkey  
• The Appropriate Use of Muscle Relaxants and Peripheral Nerve Stimulators  
• Postdural Puncture Headache–Diagnosis and Treatment  
• Teaching Demonstration–The Use of Transesophageal Echocardiography During Open Heart Surgery
- 11/09/94 Uludag University, Department of Anesthesiology, Bursa, Turkey  
• Non-Obstetric Surgery During Pregnancy

## INTRAMURAL PRESENTATIONS AND SEMINARS:

### LECTURES:

Safe Motherhood-The Kybele Experience from Ghana and Other Countries. Wake Forest School of Medicine, Global Health Certificate Program, March 8, 2017.

Global Health Strengthening: Strategies for Improving Maternal and Newborn Care. Wake Forest School of Medicine, Department of Anesthesiology Grand Rounds, November 30, 2016.

Challenges and Opportunities in Providing Neonatal Care in Ghana, West Africa. Wake Forest School of Medicine, Department of Pediatric Grand Rounds, June 12, 2015.

Kybele-What in the world are we doing? Wake Forest School of Medicine, Department of Anesthesiology Grand Rounds, September 17, 2014.

"Reductions in maternal mortality: Ghana experience". Wake Forest School of Medicine 4<sup>th</sup> Annual Global Health Symposium, March 21-22, 2014.

"Safe Motherhood". Wake Forest School of Medicine Global Health Certificate Program, March 5, 2015.

"Kybele-For Safe Childbirth Worldwide", Women's and Gender Studies Research Colloquium Series, WFU, October 30, 2012.

"Global Childbirth", 30<sup>th</sup> Annual Perinatal Conference: Gravidas at Risk, Hickory, NC, November 8, 2012.

"Kybele-For Safe Childbirth Worldwide", WS Downtown Rotary, Jan 10, 2012.

"Perspectives on Childbirth in West Africa – An Approach to Reduce Mortality", Department of OBGYN Grand Rounds, December 2, 2011.

"Perspectives on Childbirth in West Africa – An Approach to Reduce Mortality", WHCOE Research Seminar Series, December 2, 2011.

"Reducing Maternal and Infant Mortality in Ghana", WFSOM 2<sup>nd</sup> Annual Global Health Symposium, October 8, 2011.

"Issues in Childbirth in West Africa: A Local Perspective", 28<sup>th</sup> Annual Perinatal Conference: Gravidas at Risk, Hickory, NC, November 15-16, 2010.

Kybele: For safe childbirth worldwide. UNC Preventive Medicine Residency Program Seminar, Chapel Hill, NC, October 7, 2009.

Safe childbirth worldwide. The Medical Center Guild, Wake Forest University Medical Center, Winston-Salem, NC, April 22, 2009.

Kybele: For safe childbirth worldwide. Professional Women of Winston-Salem Luncheon, Winston-Salem, NC, August 13, 2008.

Kybele: For safe childbirth worldwide. YWCA Annual Luncheon, Winston-Salem, NC, June 12, 2008.

INTRAMURAL PRESENTATIONS AND SEMINARS: (Continued)

Obesity in pregnancy. Anesthesia Resident Lecture, Wake Forest University School of Medicine, Winston-Salem, NC, October 29, 2007.

Neonatal resuscitation. Anesthesia Resident Lecture, Wake Forest University School of Medicine, Winston-Salem, NC, December 10, 2006.

Owen MD. Newborn resuscitation. Anesthesia Resident Lecture, Wake Forest University School of Medicine, Winston-Salem, NC, March 1, 2004.

Owen MD. From the Cradle of Civilization: Perspectives on Childbirth. Rotary Club International, Winston-Salem, North Carolina, August 28, 2003.

Owen MD. Newborn Resuscitation: What the Anesthesiologist Needs to Know. Anesthesia Resident Lecture, Wake Forest University School of Medicine, Winston-Salem, NC April 1, 2002.

Owen MD. Human Rights Issues and Women's Health in Turkey. Medical Students' Noon Lecture, Sponsored by American Medical Writer's Association, Wake Forest University School of Medicine, Winston-Salem, NC, November 19, 2001.

Owen MD. Doing an International Rotation During Residency - Is it Right for Me? Anesthesia Resident Lecture, Wake Forest University School of Medicine, Winston-Salem, NC, December 13, 2000.