

PERSONAL INFORMATION

Email: amurphy@mednet.ucla.edu

EDUCATION:

Medical education – 1996-2002
Royal College of Surgeons in Ireland
MB, BCh, BAO, LRCS&PI (hons) in 2002

2002-2003: Internship in Medicine and Surgery,
Beaumont Hospital, Dublin 9, Ireland

2003-2004: Senior House Officer in perinatology,
The National Maternity Hospital, Holles Street, Dublin 2, Ireland

2004-2006: Junior Resident OBGYN
Albany Medical Center, 123, New Scotland Ave, Albany, NY 12206

2006-2008: Senior Resident OBGYN
University Hospitals/ Case Western Medical Center, 11100 Euclid Ave, Cleveland, OH 44106

2008-2011: Fellow, Maternal-Fetal Medicine
Department of OBGYN
David Geffen School of Medicine, University of California, Los Angeles

LICENSURE:

State – CA
License no. – A103478

BOARD CERTIFICATION:

Obstetrics and Gynecology, 2012
Maternal Fetal Medicine, 2014

PROFESSIONAL EXPERIENCE:

July 2011- June 2014 : Clinical Instructor in OBGYN, Department of Family Medicine
David Geffen School of Medicine, University of California, Los Angeles

July 2014- present : Assistant Clinical professor, Division of Maternal Fetal Medicine,
Department of Obstetrics and Gynecology, David Geffen School of Medicine, University of
California, Los Angeles

PROFESSIONAL ACTIVITIES

Fellow of American College of Obstetrics and Gynecology 2012-present

Member of Society for Maternal Fetal Medicine 2014-present

Junior Membership of the Royal College of Obstetricians and Gynaecologists, London (RCOG) 2003

NTQR certification for nuchal translucency ultrasound 2010-present

Founding member of the University of California Fetal Care Consortium (UCfC) 2013-present

Co-chair of Monochorionic Twins Working Group of the UCfC 2015-present

UCLA site leader of the UCfC – 2017-present

HONORS AND AWARDS

1996

- 3rd place in Royal College of Surgeons in Ireland entrance exam
- Full merit scholarship to medical school

2000

- Bronze medal and 2nd place in forensic medicine
- 1st class honor in tropical medicine
- Passed USMLE step 1

2001

- Placed in the top three students in neonatology, invited to sit for The McClancy prize in neonatal medicine
- H. McNaughton-Jones gold medal in Obstetrics and Gynecology
- Bronze medal and 2nd place in psychiatry

2002

- Passed USMLE step II
- Awarded honors degree

2003

- Member of the multidisciplinary team that formulated the management protocol for massive obstetric hemorrhage for the National Maternity Hospital, Dublin
- Passed Membership of the Royal College of Obstetricians and Gynaecologists Part 1 Exam

2005

- Best Academic performance in residency award

2006

- Best Academic performance in residency award

2008

- Cleveland OBGYN society Mortimer Rosen award for highest CREOG score = 245
- 2nd place for original research in Maternal- Fetal Medicine, Cleveland OBGYN society
- 1st Place Senior Resident Research Prize
- The Chairman's Award for excellence in clinical medicine, academics and Research

2017

- Elected as Maternal Fetal Medicine Faculty Educator for Residency Program
- Elected as site representative for University of California Fetal Care Consortium (UCFC)

LECTURES AND PRESENTATIONS:

Estrogen Receptor Alpha expression in Human Pregnancy Myometrium, Cleveland OBGYN society annual meeting, 2008

Lupus in pregnancy –Department of OBGYN Grand rounds presentation, UCLA-Olive View Medical Center, Sylmar CA, 2008

Fetal Macrosomia – Department of OBGYN Grand rounds presentation, UCLA-Olive View Medical Center, Sylmar CA, 2010

Fetal Macrosomia – Department of OBGYN Grand rounds presentation, UCLA Ronald Reagan Medical Center, 2011

Early Prenatal Care – Department of Family Medicine Grand rounds presentation, UCLA Santa Monica Hospital, 2011

Medications in pregnancy – Department of Family Medicine Grand rounds presentation, UCLA Santa Monica Hospital, 2011

Prenatal screening for aneuploidy – Department of Family Medicine Grand rounds presentation, UCLA Santa Monica Hospital, 2013

First trimester aneuploidy screening – Department of OBGYN, Ridgecrest Regional Medical Center, Ridgecrest, CA, 2014

The Fetal Anatomy Scan – Department of OBGYN Grand Rounds presentation, UCLA Ronald Reagan Medical Center, 2015

Monochorionic twins. – UC Consortium SCAMP – Department of OBGYN Grand Rounds presentation, UC Irvine Medical Center, 2016

Monochorionic Twins – UC Consortium SCAMP – Department of OBGYN Grand Rounds

presentation, UCLA Ronald Reagan Medical Center, 2016

Interventional Radiology in the Pregnant Patient – Department of Radiology, UCLA Clinical and Contemporary Interventional Radiology Course, 2017

RESEARCH PAPERS – PEER REVIEWED

Wing DA, Haeri S, Silber A, Roth C, Echebiri N, Franco A, Pappas L, Yeast J, Brebner A, Quirk G, **Murphy A**, Laurent LC, Field N, Norton ME, and Weiner C. Placental alpha macroglobulin-1 versus fetal fibronectin to predict preterm delivery in symptomatic women. *Obstet Gynecol.* 2017 Dec;130(6):1183-1191

Pettit KE, Stephenson ML, Truong YN, Henry D, **Murphy A**, Kim L, Field N, Wing DA, Ramos GA; University of California Fetal Consortium. Maternal and neonatal outcomes among scheduled versus unscheduled deliveries in women with prenatally diagnosed, pathologically proven placenta accreta. *J Matern Fetal Neonatal Med.* 2017 Nov 5:1-5

Shao X, Liu D, Martin T, Chanlaw T, Devaskar SU, Janzen C, **Murphy AM**, Margolis D, Sung K, Wang DJJ. Measuring human placental blood flow with multidelay 3D GRASE pseudocontinuous arterial spin labeling at 3T. *J Magn Reson Imaging.* 2017 Nov 14.

Murphy A, Shamshamirsaz A, Markovic D, Ostlund R, Koos B. Urinary excretion of Myo-inositol, and D-Chiro-inositol in early pregnancy is enhanced in gravidas with gestational diabetes mellitus. *Reprod Sci.* 2015 Sep 8. pii: 1933719115602767

Murphy A, Platt LD. First-trimester diagnosis of body stalk anomaly using 2- and 3-dimensional sonography. *J Ultrasound Med.* 2011 Dec;30(12):1739-43.

M Shokry, M Bedaiwy, M Fathalla, A Alsemary, S Elwakil, **A Murphy**. Maternal serum placental growth factor and soluble fms-like tyrosine kinase 1 as early predictors of preeclampsia. *Acta Obstet Gynecol Scand* 2010;89(1):143-6

CHAPTERS

Murphy A. Platt L. Fetal Anomaly. *Obstetrics Case-Based Review*. Beall M, Ross M. eds, Lippincott 2011

Murphy A. Janzen C, Strehlow S, Greenspoon J, Palmer S. Diabetes in pregnancy. *Current Diagnosis and Treatment: Obstetrics and Gynecology*, Eleventh Ed. DeCherney A, Goodwin T, Nathan L, Laufer N, Roman A. eds, McGraw-Hill, 2011

Murphy A. Feltovich H, Krakow D, Platt LD. Achondrogenesis. *Obstetric Imaging*. Copel Ed. Elsevier, 2011

Murphy A. Feltovich H, Krakow D, Platt LD. Thanatophoric Dysplasia Obstetric Imaging. Copel Ed. Elsevier, 2011

Murphy A. Feltovich H, Krakow D, Platt LD. Osteogenesis Imperfecta (Type 2 and 3) Obstetric Imaging. Copel Ed. Elsevier, 2011

Murphy A. Feltovich H, Krakow D, Platt LD. Osteogenesis Imperfecta (Varying types) Obstetric Imaging. Copel Ed. Elsevier, 2011

CHAPTERS (IN PRESS)

Murphy A. Koos B. The Amnion and Amniotic Fluid. Encyclopedia of Reproduction, Elsevier 2018

PAPERS IN PREPARATION (RESEARCH COMPLETED)

Murphy A, Darjikian L, Beaven S. Acute intermittent Porphyria in Pregnancy

Sparks T, Thao K, Lianoglou B, Datkhaeva I, Fratto V, Laurent L, Mardy A, **Murphy A,** Wilson L, Norton M on behalf of the University of California Fetal-Maternal Consortium (UCfC) Clinical Characteristics, Etiologies, and Outcomes in Prenatally-Diagnosed Non-Immune Hydrops Fetalis.

Fratto V, Miller E, Pettit K, Stephenson M, Truong Y, Henry D, **Murphy A,** Kim L, Field N, Wing D, Norton M, Ramos G. UC Fetal Consortium (UCfC) multidisciplinary team approach to invasive placenta: management across a five institution consortium

ABSTRACTS

Murphy A, Hernandez A, Finkell G, Plevyak M, Kanaan C, Veille JC.

Is Teen Pregnancy a risk factor for Fetal Abdominal Wall Defects?

Presented as a poster at the Society for Maternal Fetal Medicine annual meeting, 2006

Murphy A, Hernandez A, Finkell G, Plevyak M, Kanaan C, Veille JC

Is Maternal Weight a risk factor for Fetal Abdominal Wall Defects?

Presented as a poster at the Society for Maternal Fetal Medicine annual meeting, 2006

Hernandez A, **Murphy A,** Finkell G, Plevyak M, Kanaan C, Veille JC

Is Smoking During Pregnancy a risk factor for Fetal Abdominal Wall Defects?

Presented as a poster at the society for Gynecologic Investigation annual meeting, 2006

Hernandez A, **Murphy A,** Finkell G, Plevyak M, Kanaan C, Veille JC

Are Teenage Pregnancies Increasing in Frequency?

Presented as a poster at the society for Gynecologic Investigation annual Meeting, 2006

Welsh T, **Murphy A**, Merlino A, Yi L, Tan H, Mesiano S.

A novel extranuclear Mechanism of estrogen Action in the Human Pregnancy Myometrium.

Presented as an oral presentation at the Society for Gynecologic Investigation annual meeting, 2009

Murphy A, Ma L, Shamshamirsaz A, Ostlund RE, Koos B, MD.

Pregnancy Alters Urinary Excretion of Myo-Inositol and D-Chiro-Inositol.

Presented as a poster at the society for Gynecologic Investigation annual Meeting, 2013

Rajae A, **Murphy A**, Koos B

Metabolomic analysis of maternal energy metabolism

Presented as a poster at the Federation of American Societies For Experimental Biology, 2014

Pettit K, Stephenson M, Truong Y, Henry D, **Murphy A**, Kim L, Field N, Wing D, Ramos G for the University of California Fetal Consortium (UCfC)

Maternal and neonatal outcomes of placenta accreta stratified by gestational age at delivery.

Presented as a poster at the Society for Maternal Fetal Medicine annual Meeting, 2016

Stephenson M, Pettit K, Truong Y, Henry D, **Murphy A**, Kim L, Field N, Wing D, Ramos G for the University of California Fetal Consortium (UCfC)

Complicated accreta: comparison of maternal and neonatal outcomes

Presented as a poster at the Society for Maternal Fetal Medicine annual Meeting, 2016

Fratto V, Miller E, Pettit K, Stephenson M, Truong Y, Henry D, **Murphy A**, Kim L, Field N,

Wing D, Norton M, Ramos G. UC Fetal Consortium (UCfC) multidisciplinary team approach to

invasive placenta: management across a five-institution consortium, Accepted as poster at the Society for Maternal Fetal Medicine annual Meeting, 2018

Sparks T, Thao K, Lianoglou B, Datkhaeva I, Fratto V, Laurent L, Mardy A, **Murphy A**,

Wilson L, Norton M on behalf of the University of California Fetal-Maternal Consortium (UCfC)

Clinical Characteristics, Etiologies, and Outcomes in Prenatally-Diagnosed Non-Immune Hydrops Fetalis. Presented as poster at the Society for Maternal Fetal Medicine annual Meeting, 2018

RESEARCH SUPPORT

Prime Sponsor: TAKEDA PHARMACEUTICAL AMERICA

Sponsor: UNIVERSITY OF CALIFORNIA, SAN DIEGO

UC-Wide Referral for MotherToBaby Pregnancy Studies

Project Period: 1/1/2017 - 12/31/2017

Direct Cost = \$12,987 / Total Cost= \$20,000

Role: site PI

Sponsor: Parsagen Diagnostics

Clinical Evaluation of the PartoSure Test Clinical Trial Protocol #: PGN-001

Project period: 5/5/2016-5/5/2018

Direct Cost = \$50,202 / Total Cost = \$63,255

Role: site PI

NICHD 1U01HD087221-01 Janzen, Devaskar, Sung (Co-PIs)

9/17/15-8/31/19

Imaging Innovations for Placental Assessment in Response to Environmental Pollution

Role: co-investigator

COMPLETED RESEARCH SUPPORT

Prime Sponsor: TAKEDA PHARMACEUTICAL AMERICA

Sponsor: UNIVERSITY OF CALIFORNIA, SAN DIEGO

UC-Wide Referral for MotherToBaby Pregnancy Studies

Project Period: 1/1/2016 - 12/31/2016

Direct Cost = \$12,987 / Total Cost= \$20,000

Role: site PI

UC Office of the President Norton (PI)

01/01/14-12/13/14

UC Maternal Fetal Medicine Research Consortium

The goal is to establish a research network in Maternal Fetal Medicine between the 5 UC

Medical Centers

Role :co-investigator