**Professional experience**

Oct 2020- presentPediatric Hospitalist/Clinical Instructor - University of Colorado Department of Pediatrics, Aurora, Colorado. Admission and care of hospitalized children including well newborns.

March 2018 – Oct 2020 Locum tenens Internal Medicine Hospitalist - Integrity Healthcare Locums. On an as needed basis provided for the admission and care of hospitalized adults in various community hospitals in Ohio and Michigan. Currently working within the Mercy Health system in the Cincinnati area.

Oct 2017 – May 2020 Assistant Professor of Pediatrics/Pediatric Hospitalist - University of Toledo Department of Pediatrics/Toledo Children’s Hospital, Toledo Ohio. Admission and care of hospitalized children including well newborns. Supervision and teaching of residents, medical students, and additional learners.

March 2018 – May 2020 PRN ICU Hospitalist formerly iNDIGO Health Partners now Sound Physicians, Bixby Medical Center, Adrian Michigan. Admission and care of critically ill adults including code management, central and arterial line placement, paracentesis, diagnostic thoracentesis, intubation, non-invasive and invasive ventilation.

Dec 2018 – May 2020 PRN Internal Medicine Hospitalist iNDIGO Health Partners, Bixby Medical Center, Adrian Michigan. Admission and care of hospitalized adults.

Sep 2017 - May 2020 PRN Med-Peds Hospitalist - iNDIGO Health Partners, Internal Medicine/Pediatrics, Munson Medical Center, Traverse City, MI. Admission and care of hospitalized adults and children including newborns and non-ventilated critical care patients.

Jul 2016 - Sep 2017 Nocturnist - iNDIGO Health Partners, Internal Medicine/Pediatrics, Munson Medical Center, Traverse City, MI. Admission and care of hospitalized adults and children including newborns and non-ventilated critical care patients.

Jul 2015 - Jul 2016 Hospitalist - iNDIGO Health Partners, Internal Medicine/ Pediatrics, Munson Medical Center, Traverse City, MI. Care of hospitalized adults and children including newborns and non-ventilated critical care patients.

Mar 2015 - Jul 2015 PRN Med-Peds Hospitalist - iNDIGO Health Partners, Internal Medicine/Pediatrics, Munson Medical Center, Traverse City, MI. Care of hospitalized adults and children including newborns and non-ventilated critical care patients.

Dec 2014 - Jul 2015 Urgent Care Physician, MedExpress Urgent Care, Jackson MI – Provided routine care for various acute and chronic illness and injuries in adults and children.

July 2014 - Nov 2014 Board Study and job hunting

July 2010 - June 2014 Resident Dept. of Internal Medicine and Pediatrics, University of Louisville, Louisville, KY

Mar 2005- Aug 2006  Research Assistant, Principal Investigator David D'Alessio M.D. , Div. Of Endocrinology, Diabetes, and Metabolism University of Cincinnati. Cincinnati, OH

Sep 2003-Dec 2004 Research Assistant II, Principal Investigator Steve Davis M.D., Div. Of Diabetes, Endocrinology and Metabolism Vanderbilt University. Nashville, TN

Feb 2001-Sep 2003 Research Assistant II,  Principal Investigator Richard Printz Ph.D., Diabetes Center,  Vanderbilt Univ.,  Nashville, TN

1999 – 2000 Pacemaker/ICD technician, Tri-City Cardiology Consultants,  Mesa, AZ

1996 - 1999 Senior Technical Associate.,  Principal Investigator Jack Loeppky Ph.D, Lovelace Respiratory Research Inst.,  Albuquerque, NM

**Education**

Aug 2006 – June 2010 M.D. University of Cincinnati College of Medicine, Cincinnati, OH

Sept 1994 – June 1996  M.S. Exercise Science, Central Washington University, Ellensburg, WA

Thesis: Effects of exercise on acute mountain sickness and fluid balance in women taking oral contraceptives.

Aug 1989 – May 1994  B.S. Exercise Technology, University of New Mexico, Albuquerque, NM

**Licenses**

California unrestricted medical license #C164322 Issue 08/08/2019 Expire 0​8​/​3​1​/​2​0​2​1

Colorado unrestricted medical license #DR.0064105 Issue 03/16/2020 Expire 04/30/2021

Michigan unrestricted medical license #4301106273 Issue 0​7​/​1​4​/​2​0​1​4 Expire 0​1​/​3​1​/​2​0​2​1

Ohio unrestricted medical license #35.131932 Issue 0​7​/​1​2​/​2​017 Expire 12/01/2020

DEA: **Ohio** FM7089255 Issue 01/14/2020 Expire 01/31/2023, **Colorado** FM37660055 Issue 01/08/2019 Expire 01/31/2022

NPI: 1538484514

CAQH ID# 12767275

**Certifications**

Board Certified, American Board of Pediatrics 10/09/2014, Exp 10/31/2024

Board Certified, American Board of Internal Medicine 08/1/2018, Exp 08/31/2028

Basic Life Support 01/2021

Advanced Cardiac Life Support 01/2021

Pediatric Advanced Life Support 01/2021

Neonatal Resuscitation Program 01/2022

**Languages Spoken**

Spanish

English

**Organization Memberships**

National Med-Peds Resident Association

American Academy of Pediatrics

American College of Physicians

American Medical Association

National Hispanic Medical Association

Society of Hospital Medicine

**International Experience**

February 2014 The Gorgas Course in Clinical Tropical Medicine. Lima, Peru.

*A nine week intensive clinically focused course in Tropical Medicine taught by internationally known faculty leading towards the Diploma in Tropical Medicine and Hygiene .*

February 2013 - University of Louisville Internal Medicine and Pediatrics Away Rotation, Partners In Health / Compañeros en Salud. Chiapas, Mexico.

*One month rotation working with newly graduated Mexican physicians completing their required year of national service. Served as on site mentor/senior resident in clinics in rural Chiapas serving to aid in the improvement of the young physicians' abilities for diagnosis and treatment of the underserved patient populations that were covered by their clinics.*

May 2010 – June 2010 University of Cincinnati Away Rotation, El Centro Nacional de Enfermedades Tropicales. Santa Cruz de la Sierra, Santa Cruz, Bolivia.

*One month at Bolivia’s national center for tropical diseases. Activities included: time with the center’s physicians as well as the Hospital Dermatologico de Jorochito seeing patients (Diagnoses included Leshmaniasis, Chagas, Dengue, Hanson’s disease), time in microbiology and pathology labs, community visits for Dengue surveillance.*

July 2007- Aug 2007 University of Cincinnati Away Rotation, Hombro a Hombro Centro de Salud. Santa Lucia, Intubucá, Honduras

*One month at the clinic working mostly with the U.S. and Honduran physicians to provide care to the surrounding communities. Additionally participated in a clean water project supplying simple ceramic filters to surrounding families as well as a girl’s leadership program focused on encouraging continuing education.*

Jan 2006 – Mar 2006 Study Coordinator - low altitude data collection site in Santa Cruz de la Sierra, Bolivia. Principal Investigator Lorna Moore Ph.D. University of Colorado Altitude Research Center, Denver, Colorado

*NIH study examining the influence of Andean versus European ancestry on maternal health and birth weight and gestational age of infants born at high altitude.*

**Community Service**

2011-2014 Family Community Clinic, Louisville, KY: Volunteer physician.

*Weekly free clinic providing free primary healthcare services for the uninsured of Louisville, KY*

2008-2010 Su Casa Hispanic Center, Cincinnati, OH: Volunteer

*English to Spanish translation and cultural modification of the NIH "We Can" health curriculum.*

*Blood pressure, glucose, and cholesterol screenings during fall and spring health fairs.*

2006-2010 Santa Maria Community Services, Cincinnati, OH: Volunteer

*Biannual health fairs. Member of Wellness Program Advisory Council.*

**Awards**

Cincinnati Medical Association Community Service Scholarship 2009

**PUBLICATIONS AND PRESENTATIONS**

**Peer Reviewed Articles**

Loeppky JA, Icenogle MV, Charlton GA, Conn CA, **Maes D**, Riboni K,  Gates L, Melo MF, Roach RC. [Hypoxemia and acute mountain sickness: which comes first?](http://www.ncbi.nlm.nih.gov/pubmed/19115910?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) High Alt Med Biol. 2008;9(4):271-9.

Loeppky JA,  Roach RC, Icenogle MV, **Maes D**, Hinghofer-Szalkay H, Roessler A, Gates L, Fletcher ER, Icenogle MV. [Role of hypobaria in fluid balance response to hypoxia.](http://www.ncbi.nlm.nih.gov/pubmed/15772501?ordinalpos=10&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) High Alt Med Biol. 2005;6(1):60-71.

Loeppky JA, Icenogle MV, **Maes D**, Riboni K, Scotto P, Roach RC.  Early Fluid Retention and Severe Acute Mountain Sickness.  Journal of Applied Physiology. 2005; 98(2):591-7

Loeppky JA, Icenogle MV, **Maes D**, Riboni K, Scotto P, Roach RC.  Body temperature, autonomic responses and acute mountain sickness. High Altitude Medicine and Biology 2003; 4(3):367-73, 2003.

Loeppky JA, DK Luther, **Maes D**, Riboni K, Hinghofer-Szalkay H, Charlton GA, Icenogle MV.  Plasma Volume by Evans blue: Effects of eating and comparison with other methods at altitude.  Aviation, Space and Environmental Medicine 2002; 73(9):902-906.

Sandoval D, **Maes DP**, D’Acquisto L, Roach RC.  Oral contraceptives, exercise, and Acute Mountain Sickness in women. Aviat Space Environ Med. 2001 ;72(8):733-738, .

Roach R, **Maes D** , Sandoval D, Icenogle, R Robergs, H Hinghofer-Szalkay, D. Lium, , J. Loeppky.  Exercise exacerbates acute mountain sickness at simulated high altitude. Journal of Applied Physiology. 2000; 88:581-585,

**Book Chapters**

Sandoval D, **Maes D**, Lium D, Hinghofer-Szalkay H , Loeppky J , Icenogle MV, Roach RC.  Women, exercise, and acute mountain sickness. (1997)  In Hypoxia:  Women at Altitude, Proceedings of the Tenth International Hypoxia Symposium at Lake Louise, Canada.  Ed. C.S. Houston, G. Coates.  Queen City Printers Inc. Burlington, Vt., pp. 42-52.

**Professional Presentations**

Maes, D. Global Health, Toledo and beyond. University of Toledo Department of Pediatrics/Toledo Children’s Hospital Grand Rounds. May 2018.

Maes D, Matta J, Mascio C, Keller B. Shortness Of Breath And Chest Pain In A 15 Year old female. University of Louisville Department of Pediatrics Poster Presentation Session, June 2014

Bao S, **Maes D**, Davis SN. Effects of Antecendent Plasma Cortisol Elevation on Counterregulatory Response During Exercise in Type 1 Diabetes. Diabetes (poster), 2005.

Conn CA , Riboni K , **Maes DP** , Icenogle M , Loeppky JA, Roach RC.  Decline in food intake during acute altitude exposure is not altered by menstrual cycle phase. Medicine and Science in Sports and Exercise 32(5:May): S49, 2000.

Roach RC, Riboni K , **Maes DP**, M Icenogle, Loeppky JA. Fluid redistribution and acute mountain sickness (AMS). F.A.S.E.B. Journal 14(4):A82, 2000.

Loeppky JA, Riboni K, **Maes D**, Luther D, Gates L, Roach R, Icenogle M.  Comparison of plasma volume changes by Evans blue and endogenous blood/plasma constituents during altitude stress.  Proceedings of 4th International Head-out Water Immersion Symposium, Graz, Austria, September, 1999.

**Maes DP**, K.Riboni, Loeppky JA, Icenogle M, and Roach RC.  Fitness and subsequent acute mountain sickness in women at simulated high altitude (4800 M). Medicine and Science in Sports and Exercise 31(5):S191, 1999 (abstract #860)

Roach RC, **Maes D**, Sandoval D, Robergs RA, Icenogle M, Hinghofer-Szalkay H, Lium D, Loeppky JA.  Exercise Exacerbates Acute Mountain Sickness At Simulated High Altitude. Medicine and Science in Sports and Exercise 31 (5): S182, 1999 (abstract #815)

Sandoval DA, **Maes DP**, Loeppky JA, Icenogle M, Hinghofer-Szalkay HG, and Roach RC.  Sympathoexcitation Cannot Account For Gender Differences In Exercise-Induced Acute Mountain Sickness. Medicine and Science in Sports and Exercise 31 (5): S191, 1999 (abstract #859)

**Maes DP** , Loeppky JA, Riboni K , Icenogle M, Charlton GA , and Roach RC.  Women at altitude: Gender effects on acute mountain sickness, ventilation, and oxygenation. The FASEB Journal 13 (5): part 2, 1999 (abstract #607.6)

Riboni K, **Maes DP**, Loeppky JA, Icenogle M , and Roach RC.  Women at altitude: Menstrual cycle effects on acute mountain sickness, ventilation, and oxygenation. The FASEB Journal 13 (5): part 2, 1999 (abstract #607.7)

Loeppky JA, Riboni K, **Maes DP**, Conn C , Charlton GA , Icenogle M, and Roach RC.  Ventilation differences between men and women in response to simulated altitude (426 mm Hg). Proceedings 11th International Hypoxia Symposium.