Date of Preparation: 6/16/21

AMITA ADHIKARI, MD, MPH
Current track: Clinical
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EDUCATION

Bachelor of Medicine and Bachelor of Surgery Tribhuwan University, Kathmandu, Nepal	Nov. 1988 -- Jan. 1995

POSTGRADUATE TRAINING

Fellow Pediatric Endocrinology Division University of Michigan Ann Arbor, Ann Arbor, MI.	July 2007 – June 2010
Postgraduate Training in Pediatrics PGY-II and PGY-III Children's Hospital of Michigan, Detroit, MI.	May 2000 – July 2002
Personal leave of absence.	June 1999 – April 2000
Postgraduate Training in Pediatrics PGY-I St. Vincent's Hospital and Medical Center New York, NY.	July 1998 – May 1999
Master in Public Health (MPH) Harvard University, School of Public Health, Boston, MA	Sept. 1995 --June 1996

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS

University Pediatricians, Detroit, MI	July 2010 – present
Hospitalist, Children's Hospital of Michigan Detroit, MI	Sep 2003 – June 2007
Private Practice in Suburban Detroit Community	Jan 2003 – August 2003
Clinical Investigator, Department of Family Practice and Preventive Medicine, UCSD Medical Center, San Diego, CA	June 1997 -- June 1998
Clinical Observer, UCSD Medical Centers San Diego, CA	June 1997 -- June 1998

Junior Research Fellow and Clinical Rotations, Jan. 1995 -- Aug. 1995
International Medical Center of Japan (IMCJ), Tokyo,

MAJOR PROFESSIONAL SOCIETIES

Pediatric Endocrine Society 2008 - Present
Endocrine Society 2008 - Present

BOARD CERTIFICATION

American Board of Pediatrics. 2002 (recert 2013)
American Board of Pediatric Endocrinology 2013

HONORS/AWARDS

Recipient of a departmental scholarship from the Department of International Health, Harvard School of Public Health 1995
Elected Class Marshal, Harvard University, School of Public Health. 1996
Trainee day award, Endocrine Fellow's Foundation 2007
LWPES/ESPE Fellows Workshop on Growth Award 2009
Lawson-Wilkins Endocrine Society Travel award 2009
Genentech Travel grant to attend Endocrine Society meeting in Washington DC 2009
Endocrine Society Trainee day award 2009
NIH T32 Ruth Kirschtein training grant for research in Pediatric Endocrinology 2008 -2010
LWPES award to attend PAS/LWPES meeting in Vancouver 2009
Top Doctor Award by Hour Detroit 2018

SERVICE

Chair, Pediatric Advisory Committee for Newborn Screening of Endocrine Disorders, MI Oct 2019
Member Two Bag system for management of Diabetic Ketoacidosis committee Feb 2018
Member Endocrine Stimulation test committee Jan 2017
Coordinator: Pediatric Endocrine Rotation for Pediatric Residents June 2016
Member, Pediatric Advisory Committee for Newborn Screening of Endocrine Disorders June 2016
Earthquake relief volunteer, various communities, Nepal July 2015
Medical supervising staff, ADA Diabetes Camp Midicha, Michigan June 2009
Member, Steering committee for Developmental origins of Health and Disease, University of Michigan October 2008

Quality Improvement Projects:
Establishing Endocrine guidelines for Bisphosphonate therapy for patient with decreased bone density **June 2021**

Transition to 2 bag system for DKA management for Inpatient use	Jan 2021
Improvement in discharge reconciliation process for patients with Diabetes	July 2020
Establishing reference materials for residents going through Endocrine Rotation	July 2018
Improving triaging process for Endocrine referrals	July 2015
Transitioning Endocrine Stimulation testing to the Infusion center	Mar 2015
Standardizing Endocrine Stimulation test procedure	Sep 2014
Establishing guidelines for follow up plan for infants born with Maternal Graves disease	Jan 2011

SCHOLARLY SERVICE:

Paper Review:

Review of outpatient management on Type I diabetes. For Pediatrics in review, June 2021

Increased Referrals for Evaluation of Early Puberty: True precocious puberty, obesity, or parental anxiety and lack of knowledge? for Global Pediatric Health. March 2021

Prolonged hypoglycemia in an adolescent without diabetes. Sharma, Akshay; Hong-McAtee, Irene. Pediatrics in review, July 2016 (published)

Pituitary Axis Disorders (Hypothalamic, Adrenal, Pituitary). Pierce, Melinda; Madison, Lisa; Pediatrics in review, July 2016

15-Year-Old Girl With No Menstrual Periods for 7 Months. Proposed book chapter for unusual clinical cases

TEACHING

06/2021	Safety of Bisphosphonate therapy in children with bone disorders, Endocrine Education series, Children's Hospital of Michigan
04/2021	Core lecture on Disorders of Sexual Differentiation: Fellow and faculty NICU, Children's Hospital of Michigan
12/2020	Resident lecture: Disorders of Sexual Differentiation, Children's Hospital of Michigan
10/2020	The Tall and Short of it: Growth primer for Primary Care physicians, Clinic days, Children's Hospital of Michigan
4/2019	Resident lecture: Calcium disorders in Children
4/2017	Grand Rounds McLaren Family Practice program: Pediatric Endocrine Pearls
9/2017	Emergency Medicine Grand Rounds: Management of Hypoglycemia in Children
12/2017	Resident lecture: Calcium disorders in Children
8/2016	Resident lecture: Diagnosis and treatment of Adrenal insufficiency
4/2015	Pediatric Board Review Course in Endocrinology
3/2015	Pediatric Board review Course in Endocrinology. Pediatric residents, faculty, fellows
11/2014	Metabolic bone diseases in children, Children's Hospital of Michigan. Pediatric residents, faculty, fellows and WSMS students.
1/2013	Non-diabetic Hypoglycemia in children: Pediatric residents, faculty,, fellows and WSMS students.
3/2012	Evaluation of Hypoglycemia in children: Pediatric Emergency room attending, residents, fellows and WSMS students

03/2012	Congenital Hypothyroidism: An update, Adult endocrinologists and fellows, Wayne State University.
11/2012	Congenital Adrenal Hyperplasia: An insight into adulthood: Adult endocrinologists and fellows, Henry Ford Hospital.
03/2011	Wayne State University, Pediatric Endocrine Division: Update on Congenital Hyperinsulinism
03/2011	Wayne State University, College of Nursing: Endocrine Pharmacology.
03/1011	Wayne State University, Quarterly Endocrine Meeting of Michigan: KATP Channel defects in Congenital Hyperinsulinemic Hypoglycemia
11/2010	Wayne State University, Pediatric Endocrine Division: An update on management of short stature in children.
11/2010	Wayne State University, Adult Endocrine Grand Rounds: Evaluation of short stature in children.
5/2010	University of Michigan Division of Endocrinology Lecture Series, Research Project Presentation: Approaches to analyzing a basis for short stature in Papua New Guinea.
9/2009	University of Michigan, Resident Teaching Session: Insulin Management in a new onset diabetic
5/2009	University of Michigan Division of Endocrinology Lecture Series, Research Project Presentation: Secular changes in growth patterns of Mountain Ok of Papua New Guinea.

GRANTS, CONTRACTS, AND OTHER FUNDING

PUBLICATIONS

Peer Reviewed Publications:

Development and Validation of a Pediatric Endocrine Knowledge Assessment Questionnaire: Impact of ac Pediatric Endocrine Knowledge Assessment Questionnaire Intervention Study.
Nidhi Gupta, Marwan Zidan, Kathleen Moltz, **Amita Adhikari**, Colleen Buggs-Saxton, Hanaa Zidan, Dania Abushanab, Aida Lteif, Chandra Edwin, J Clin Res Pediatr Endocrinol 2016.

Methimazole Induced Total Myeloid Aplasia with Delayed Recovery Despite Granulocyte Colony Stimulating Factor (G-CSF): Marrow Progenitor Recovery Kinetics. Tania Sarker, Bulent Ozgonenel, Manisha Gadgeel, Steven Buck, **Amita Adhikari**, Yaddanapudi Ravindranath. September 2015, Indian Society of Haematology & Transfusion Medicine 2015.

Thomas IH, Saini NK, **Adhikari A**, Lee JM, Kasa-vubu JZ, Vazquez DM, Menon RK, Chen M, Fajans, SS. Neonatal diabetes mellitus with pancreatic agenesis in an infant with homozygous IPF-1 Pro63fsX60 mutation. Pediatr Diabetes, 2009 Jun 3.

Altered growth patterns of a mountain Ok population of Papua New Guinea over 25 years of change. **Adhikari A**, Sen A, Brumbaugh RC, Schwartz J. Am J Hum Biol. 2011 May;23(3):325-32.

Abstracts and Poster Presentations:

Sen, K ; Lakshmanan Y ; **Adhikari, A**. New pathogenic variant in *CYP11B1* gene in two unrelated patients with Congenital Adrenal Hyperplasia secondary to 11 beta-hydroxylase deficiency. Annual Clinical Genetics Meeting. April 2019.

Taha, D, **Adhikari, A**, Thirunagari, R, Senguttuvan, R, Flore, LA. Familial Neonatal Nonautoimmune Hyperthyroidism Due To A Thyrotropin-Receptor Gene Mutation (A619G). Endocrine Society Annual Meeting March 2019.

Adhikari, A, Taha, D, Senguttuvan, R, Lakshmanan, Y. Mutation in SRY Gene Presenting as Syndromic 46XY Disorder of Sexual differentiation (DSD). Endocrine Society Annual Meeting March 2019.

Krishnaraj, B KV, **Adhikari, A**, Taha, D, Thirunagari, R, Senguttuvan, R. A Case of a Forgotten Histrelin Acetate Implant: Can Histrelin Acetate Implants Be Used for More Than a Year? Endocrine Society Annual Meeting March 2019.

Fabie, N, Saadeh, L, **Adhikari, A**, Buggs-Saxton, C, Taha, D. Clinical and Endocrinological Characteristics of Patients with Septo-optic Dysplasia at the Children's Hospital of Michigan. Endocrine Society Annual Meeting, March 2017.

Adhikari, A Sen, RC Brumbaugh, J Schwartz. Altered growth patterns of the Mountain Ok people of Papua New Guinea (PNG) over 25 years of change. Endocrine Society Annual Meeting, June 2009.

Thomas IH, Saini NK, **Adhikari A**, Lee JM, Kasa-vubu JZ, Vazquez DM, Menon RK, Chen M, Fajans, SS. Neonatal diabetes mellitus with pancreatic agenesis in an infant with homozygous Pro63fsdelC IPF-1 mutation. Pediatric Academic Society. Baltimore, MD. May 2009.

JM Surhigh, **A Adhikari**, M Chen, D. Vazquez. Case report: A one week old male with newborn screen positive for congenital Adrenal Hyperplasia, Hyponatremic dehydration, Hyperkalemia and Obstructive uropathy. 19th Annual Pediatric Research Symposium, University of Michigan, November 2008.

A. Adhikari, R Brumbaugh; J. Schwartz. Determinants of Growth of Mountain Ok people of Papua New Guinea. Abstract and Poster presented at the Symposium on the Metabolic origins of Health and Disease, October 2008

A. Adhikari, M. Chen. Case report: A 4-year-old girl with thyroid storm secondary to Graves disease. Endocrine Society Annual Meeting, June 2008.