

CURRICULUM VITAE

Rayamajhi Supratik, MD

PERSONAL INFORMATION

Citizenship: Nepal
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PRESENT ACADEMIC RANK AND POSITION

Assistant Professor
Department of Medicine
Michigan State University
East Lansing, Michigan

EDUCATION

Medical School: Tribhuvan University, Nepal 11/1999 - 01/2006

Residency: Michigan State University Internal Medicine, 07/2008 - 06/2011

MEDICAL LICENSURE/CERTIFICATION

Medical and Controlled Substance License, State of Michigan – since 2011

ECFMG Certification: Step 1 USMLE score – 99 (259)

Step 2 CK USMLE score – 99 (245)

Step 2 CS USMLE- Pass

Step 3 USMLE – 92 (227)

American Board of Internal Medicine – certified internist – since 2011

American Society of Hypertension – certified hypertension specialist – since 2012

AWARDS and PRIZES

Outstanding Senior Resident (Awarded by Michigan State University internal medicine residency at Sparrow hospital) July 2010 to June 2011

Outstanding Senior Resident (Awarded by Sparrow Hospital) July 2010 to June 2011

Travel Cash Award – National Kidney Foundation annual conference Las Vegas 2011

Semi-finalist and cash award : National Case Challenge-Journal Watch-Quantia MD-2010

International TAF (Travel Assistance Funds) for :

1. Netherlands (First position in Annual International Tuberculosis Paper Competition (2003)
2. Norway (International Student Festival, winning essay on “ Peace Process “ (2005)
3. Egypt (on annual International Federation of Medical Students Association IFMSA meeting -2005- country representative)
4. Malaysia (on annual Asian Medical Students Association meeting - 2005- country representative)
5. Switzerland (clinical clerkship on student exchange program of IFMSA (2005)

PREVIOUS PROFESSIONAL POSITIONS AND APPOINTMENTS

Volunteer Experience

06/2004 - 06/2005 Nepal Medical Students Society, Nepal
“Vice-President-Elect”

09/2003 - 08/2004 IFMSA Anti-Tb Campaign, Nepal
“Regional Coordinator For Asia”

Research Experience

07/2012- current - Associate Editor for Cochrane Clinical Answers – Cochrane Database

07/2009 - 09/2009 Department of Nephrology at Henry Ford Health System
Co-investigator : Retrospective study on effect of iron repletion in platelet count change in erythropoietin treated iron-deficient non-dialysis CKD patients.

09/2004 - 02/2005 Country Coordinator : TB survey on KAP of medical students about tuberculosis in Nepal

Ongoing works :

1. TRPV1 agonists in ischemia-reperfusion injury of heart – review article.
2. Pulmonary Hypertension review article with Watson Hypertension Group at Michigan State University

3. NfB-IKB pathway and its role in hypertension, a human vascular study comparing arterials and venous systems

ADMINISTRATIVE RESPONSIBILITIES, COMMITTEE MEMBERSHIPS, AND OTHER ACTIVITIES

Residency recruitment, Internal Medicine Residency, 2008-present
MSU Hypertension Clinic co-director, since 2012

PROFESSIONAL AND SOCIETY MEMBERSHIPS

American College of Physicians, Associate member, 2008-present
Nepal Medical Council (member)
Nepal Medical Students Society (past-vice president-elect)
Mountain Medicine Society of Nepal (member)
American Society of Hypertension

NATIONAL AND LOCAL CONFERENCE PRESENTATIONS

2012- European Renal Association – Abstract acceptance - “Thiazide induced severe hyponatremia and osmotic demyelination syndrome – a case study and literature review”

2011 National Kidney Foundation Las Vegas, Poster Presented “Quality assessment study for hypertension management in outpatient clinic”

Lansing Research Day 2011 April “ CAPS – very unusual presentation of diffuse pulmonary hemorrhage”

October 2010, ACP Michigan Chapter Scientific Meeting, Kalamazoo MI, posters:

1. Primary cardiac sarcoma initially presenting as nagging back pain in a teenager.

April 2010 NKF (National Kidney Foundation Annual Conference), Orlando FL, poster presented :

1. Iron repletion decreased platelet count in non-dialysis CKD patients.

September 2009. ACP Michigan Chapter Scientific Meeting, Traverse City MI. Poster presented :

1. Cryptogenic organizing pneumonia : An atypical presentation and a rare spontaneous resolution.

May 2009. ACP Michigan Chapter Associate meeting, Sterling Heights, MI. Poster presented :

1. Posterior Reversible Encephalopathy Syndrome - A Rare but Classic Presentation.
2. Malignant Hypertension as a rare initial manifestation of IGA Nephropathy.

April 2009 Lansing Research day, Lansing MI. Poster presented :

1. It's time to open your eyes, when patient sees spots in her eyes.

PRESENTATIONS AT INTERNATIONAL MEETINGS

Rayamajhi S. (2003, July). DOTS- Sweeping the corridors of captain killer... a paradigm shift in the lap of the Himalayas.. Oral presentation at: IFMSA; Netherlands.

Rayamajhi S. (2005, July). Voice of Commitment - For Change. Oral presentation at: AMSA; Malaysia.

Rayamajhi S. (2005, August). Country Annual Report. Oral presentation at: IFMSA; Egypt.

INTRAMURAL PRESENTATIONS AT MICHIGAN STATE UNIVERSITY

Annual Grand Rounds 2011, faculty presentation – “Into thin air – ABC’s of high altitude illness.”

Journal Club presentations - Internal Medicine Residency :

1. Prevention of radiocontrast medium-induced nephropathy using short-term high-dose simvastatin in patients with renal insufficiency undergoing coronary angiography (PROMISS) trial-a randomized controlled study. American Heart Journal 2008.
2. Erythropoietin, iron depletion and relative thrombocytosis - possible survival paradox. American Journal of Nephrology 2008.
3. Novel Mechanism Contributing to Development of Dahl Salt–Sensitive Hypertension ; Role of the Transient Receptor Potential Vanilloid Type 1 (TRPV1). Hypertension 2006.

Morbidity and Mortality Conference – Internal Medicine Residency :

1. 2010, A fatal case of influenza H1N1 pneumonia and retroperitoneal hematoma.
2. 2011, Acute encephalopathy in a teenager with herniating brain – it deserves more than Zyprexa.

BIBLIOGRAPHY

Peer Reviewed Journal Articles/Abstract

Alsara O, **Rayamajhi S**, Ghanem F, Skaaef E, Abela G “ Primary cardiac sarcoma presenting as a back pain in a teenager” Accepted for Punlication – Texas Heart Journal – 2012

Satish Chondolu, Tyler An, Shaza Khan and **Supratik Rayamajhi** “Thiazide induced severe hyponatremia and osmotic demyelination syndrome – a case studey and literature review” - Nephrol. Dial. Transplant. (2012) 27 (suppl 2)

Rayamajhi S, Narisetty K, Gorukanti P, Pervaiz H and Watson R (2011). “Quality assessment study for the management of hypertension in an outpatient clinic.” American Journal of Kidney Diseases. April 2011(Vol. 57, Issue 4,Page B81)

Besarab, A., **S. Rayamajhi**, H. Al-Sharif, S. Frinak and J. Yee (2010). "Iron Repletion Decreases Platelet Counts (Plt) in Non-Dialysis CKD Patients." American Journal of Kidney Diseases **55**(4): 50.

Rayamajhi S, Contractor T, Wang DH. “The potential of TRPV1 agonists for treating ischemia/reperfusion-induced renal injuries.” Curr Opin Investig Drugs. 2009 Sep;10(9):963-70.

Rayamajhi S. “Off the beaten path” - Wilderness Medicine - Fall 2007