

The Neurology Center of Southern California
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Riya B. Luhar, DO

EDUCATION

Hartford Headache Center, Headache and Facial Fellow	06/2021 - 08/2022
University of Connecticut, Neurology Residency	06/2017 - 06/2021
Western University of Health Sciences, Doctor of Osteopathic Medicine	08/2013 - 05/2017
Boston University, Bachelor of Arts, Biochemistry and Molecular Biology	09/2007 - 05/2011

LICENSURE & CERTIFICATION

American Board of Psychiatry and Neurology, Certified in the Specialty of Neurology	09/2021 - Present
United Council for Neurologic Subspecialties, Headache Medicine	10/2021 - Present
Connecticut Medical License # 67215	12/2020 - 08/2022
Medical Board of California, Physician and Surgeon License # 20A19975	08/2022 - Present

AWARDS

International Headache Academy	02/2022
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HEALTH-RELATED LEADERSHIP AND SERVICE

ADVOCACY Participant <ul style="list-style-type: none">▪ Miles for Migraine participant in a nine-month advocacy-training program▪ Assisted in organizing a race for April 2022▪ Participated in Headache on the Hill	Virtual 08/2021 - 04/2022
NEUROLOGY RESIDENCY CHIEF RESIDENT Chief Resident <ul style="list-style-type: none">▪ Responsible for medical student didactics in Neurology and increasing medical student interest in the field of neurology	Farmington, CT 07/2020 - 06/2021

GRADUATE MEDICAL EDUCATION RESIDENT AND FELLOW COMMITTEE

Representative

Farmington, CT

- Represented Neurology at the GME meetings to plan resident wellness activities

07/2018 – 06/2019

LOS ANGELES COUNTY MEDICAL ASSOCIATION

Pomona, CA

Secretary, Delegate

08/2013 – 06/ 2017

- Delegate for Western University at the American Medical Association-Medical Student Section Interim Conference in Dallas, TX, 2014 and for California Medical Association Annual Conference, 2014
- Planned social events, mixers, policy discussions, invited local speakers, current event discussions.

PROFESSIONAL EXPERIENCE

Staff Neurologist Private Group Practice, North County Neurology Associates, Carlsbad, CA

10/2022 - Present

HOSPITAL AFFILIATIONS

Tri-City Medical Center, Oceanside, California

■ 01/2023 – Present

Palomar Medical Center, Escondido, California

■ 02/2023 – Present

Palomar Medical Center, Poway, California

■ 02/2023 – Present

Scripps Memorial Hospital, Encinitas, California

■ 12/2022 – Present

Scripps Mercy Hospital, Chula Vista, California

■ 02/2023 – Present

PROFESSIONAL SOCIETIES

American Headache Society, 2018-present

American Academy of Neurology, 2013-present

Osteopathic Physicians and Surgeons of California, 2014-2019

California Medical Association, 2014-2018

American College of Physicians, 2014-2018

American Medical Association, 2013-2018

American Neuropsychiatry Association, 2013

Society for Neuroscience, 2013

TEACHING EXPERIENCE

TEACHING DURING FELLOWSHIP

West Hartford, CT

Headache and Facial Pain Fellow

07/2021- Present

- Presented journal club articles weekly alternating with co-fellow on relevant topics in headache medicine.
- Taught and mentored headache medicine to neurology and primary care care residents.

MENTORSHIP FOR MEDICAL STUDENTS

Mentor

Farmington, CT

07/2020 - Present

- Alumni Mentor for Western University medical students interested in Neurology.
- Mentored UConn medical students in the SIGN club rotating through Neurology.

TEACHING DURING RESIDENCY

Chief Resident

Farmington, CT

07/2017 - 07/2021

- Led various formal and informal didactic sessions during my junior and senior inpatient neurology blocks to provide learning opportunities for medical students.
- Gave neurology lectures to medical students.

TEACHING DURING MEDICAL SCHOOL

Resident

Pomona, CA

09/2013 – 04/2017

- Led various small group sessions to teach other medical students.
- Mentored and provided guidance to undergraduate students interested in Medicine.

TUTOR.COM

Algebra tutor

www.tutor.com

09/2007 - 06/2010

- Tutored Pre-algebra, Algebra I, and Algebra II via an online platform.

BOSTON UNIVERSITY CHILDREN'S CENTER

Assistant Teacher

Boston, MA

06/2007 – 06/2009

- Assisted the lead teacher in teaching and coordinating activities for children 2-6 years old.

PEER-REVIEWED JOURNAL ARTICLES

▪ Oot, E., Sawyer, KS., Oscar-Berman, M., Luhar, RB., Jensen, JE., Silveri, MM. Anterior Cingulate Metabolite Levels, Memory, and Inhibitory Control in Men and Women with Alcohol Use Disorder. *Alcohol Alcohol*. 2023 Nov 11;58(6):578-588. doi: 10.1093/alcalc/agad059. PMID: 37738108; PMCID: PMC10642606.

▪ **Luhar, RB.**, Sawyer, KS., Gravitz, Z., Ruiz, SMM, Oscar-Berman, M. (2013) Brain Volumes and Neuropsychological Performance Are Related to Current Smoking and Alcoholism History. *Neuropsychiatric Diseases and Treatment*.

BOOK CHAPTERS

Oscar-Berman, M., Gravitz, Z.*, **Luhar, R.B.***, Ruiz, S.M.M.*, Sawyer, K.*, Valmas, M*. (2013) Profile of Spared, Impaired, and Recovered Neuropsychological Processes. In: *Alcohol and the Nervous System* (Eds. Pfefferbaum, A. and Sullivan, E.V.) Elsevier, New York.

LAB AND RESERARCH

VA MEDICAL CENTER

Research Assistant

Jamaica Plain, MA

09/2010 – 05/013

▪ Administered neuropsychological questionnaires, conducted interviews with participants, conducted structural MRI and fMRI scans, and performed research projects (Principal Investigator: Marlene Oscar Berman, Ph.D.)

BOSTON UNIVERSITY CHEMISTRY DEPARTMENT

Boston, MA

Researcher

05/2009 – 05/2011

▪ Researched on Purification and Analysis of the enzyme IspG in the Deoxyxylulose Phosphate Pathway, purified the *S. Coelicolor* IspG enzyme (received Undergraduate Research Opportunities Program grant for this project), and defended a thesis for Senior Work for Distinction on Analyzing Mevalonate and Deoxyxylulose Phosphate Pathways through Biochemistry and Bioinformatics. I attended weekly group meetings and presented current lab research as well as ongoing research in literature (Principal Investigator: Pinghua Liu, Ph.D)

PROFESSIONAL POSTERS

Bhargava, A., **Luhar, R.**, Adlakha, A (2022). Assessing Resident Opinions and Implementation of Quality Care for Headache Patients in Continuity Clinic. Poster to be presented at American Academy of Neurology 2022 Annual Meeting

▪ **Luhar, R.**, Verhaak, A., Grosberg, B. (2022). Calcitonin gene-related peptide monoclonal antibody use for the preventive treatment of migraine in older adults: A retrospective study. Poster to be presented at AHS 64th Annual Scientific Meeting.

▪ Bhargava, A., **Luhar, R.**, Adlakha, A (2021). Assessing Resident Opinions and Usage of Quality Measures for Headache Patients in the Resident Continuity Clinic. Poster presented at 2021 AHS 63rd Annual Scientific Meeting.

▪ **Luhar, R.**, Grosberg, B., Johnson, A. (2019). Observations from a Collaborative Care Headache and Hormone Clinic Model. Poster presented at AHS 61st Annual Scientific Meeting.

▪ Asad, S.D., Modak, J., **Luhar, R.B.**, Maran, S., Vaddiparti, A., Lima, J.C., Silverman, I.E., Ollenschleger, M.D. (2018) Extensive Cerebral Venous Thrombosis: Treatment with Multimodal Intervention. Poster presented at Society for Vascular and Interventional Neurology in San Diego, CA.

● Oot, E.N., Sawyer, K.S., Jensen, J.E., Oscar-Berman, M., **Luhar, R.B.**, Silveri, M.M. (2016) Associations of anterior cingulate metabolite levels with neuropsychological measures in alcoholism: the role of gender. Poster presented at Research Society on Alcoholism Conference in New Orleans, LA.

● **Luhar, RB.**, Gravitz, Z., Ruiz, S.M.M., Sawyer, K.S., Oscar-Berman, M. (2013, November). Brain volumes and neuropsychological measures: the interaction of smoking and alcoholism history. Poster presented at Society for Neuroscience, San Diego, CA. Poster presented again at AMA-MSS Interim Conference, Dallas, TX (2014, November).

● **Luhar, RB.**, Sawyer, K.S., Oscar-Berman, M., Jensen, J.E., Silveri, M.M. (2013, April). Glutamate and choline levels in the anterior cingulate are associated with measures of social cognition in abstinent long-term alcoholics. Poster presented at the Annual American Neuropsychiatric Association Conference, Boston, MA. Poster presented again at the International Conference on Applications of Neuroimaging to Alcoholism, New Haven, CT (2013, February).

● Sawyer, K.S., **Luhar, RB.**, Oscar-Berman, M., Jensen, J.E., Silveri, M.M. (2013, February). Associations of anterior cingulate metabolite levels with neuropsychological measures in alcoholism. Poster presented at The International Neuropsychology Society, Waikoloa, HI.

Ruiz, S.M.M., Oscar-Berman, M., Gravitz, Z., **Luhar, R.**, Valmas, M., Parikh, P., Sawyer, K., Lehar, S., Harris, G.J. (2012, November) Hippocampal subfield volumes in chronic alcoholism: Association with drinking history and memory ability. Poster presented at Society for Neuroscience, New Orleans, LA.

- Hubsher, H., Valmas, M., Sawyer, K.S., Ruiz, S.M., Gravitz, Z., **Luhar, R.**, Parikh, P., Harris, G., Oscar-Berman, M. (2012, August). Associations among alcoholism, impulsivity, executive functioning, and frontal cortical volumes in men and women. Poster presented at the BU Research Internship in Science & Engineering Poster Session, Boston, MA. Presented again at The International Neuropsychology Society, Waikoloa, HI.

- **Luhar, R.**, Pinghua, L. (2010, October) Isolation and analysis of the IspG enzyme from *Streptomyces coelicolor* in the Deoxyxylulose Phosphate Pathway. Poster presented at the 13th Annual Undergraduate Research Opportunities Program, Boston, MA.

PROFESSIONAL PRESENTATIONS

- **Luhar, R.** Clinical Case of an 81-year-old man who presented with new onset headaches. (2022) Presented at the International Headache Academy, Los Angeles, CA.

- **Luhar, R.** McAdams, D., Movahed Ezazi, M. (2021, April 29) 57-year-old woman with lower extremity weakness and urinary retention: a rare case of the diffuse encephalitic form of toxoplasmosis. Presented at Hartford Hospital for Neurology Grand Rounds, Hartford, CT

- **Luhar, R.** Grosberg, B, Johnson, A (2020, June) Headache and hormone clinic. Presented at Hartford Hospital for Neurology Grand Rounds, Hartford, CT

- **Luhar, R.** (2020, January 2) Sturge Weber Syndrome: a case review. Presented at Hartford Hospital, Hartford, CT

- **Luhar, R.** (2019, November 7) Acute Neurological Manifestations of Hyperglycemia. Invited presenter at the Neurocritical Care Series at UCONN Health, Farmington, CT.

- **Luhar, R.** (2019, February 21). A 57-year-old woman with seizures found to have diffuse astrocytoma: a neuro-oncology case review. Presented at Case Conference Series at Hartford Hospital, Hartford, CT

- **Luhar, R.** (2018, October 11). Thunderclap Headaches. Presented at Case Conference Series at Hartford Hospital, Hartford, CT

- **Luhar, R.** (2018, May 24). Trigeminal Autonomic Cephalgias. Presented at Case Conference Series at Hartford Hospital, Hartford, CT

- **Luhar, R.** (2017, October 31). Diabetic Ketoacidosis, a case review. Presented at St. Francis Medical Center, Hartford, CT.

- **Luhar, R.** (2015, December 23). Influenza in Children. Presented at Arrowhead Regional Medical Center, Colton, CA.

- **Luhar, R.** (2015, December 7). Magnesium deficiency in India. Presented at Rancho Los Amigos, Downey, CA.

- **Luhar, R** (2015, November 25). Gustatory sweating in diabetes mellitus. Presented at Rancho Los Amigos, Downey, CA.
- **Luhar, R**. (2015, November). Alcohol withdrawal and delirium tremens. Presented at Arrowhead Regional Medical Center, Colton, CA.
- **Luhar, R**. (2015, August). Myasthenia gravis. Arrowhead Regional Medical Center, Colton, CA.
- **Luhar, RB, Zhu, M**. (2015, August). Pulmonary embolism, a case presentation. Morning Rounds report at Arrowhead Regional Medical Center, Colton, CA.
- **Luhar, RB**, (2015, July). Guillain-Barre Syndrome, a case presentation. Morning Rounds report at Rancho Los Amigos, Downey, CA.
- Gravitz, Z*, **Luhar, R.***, Sawyer, K.*, Valmas, M.* (2012, July 27) Alcoholism and the Brain. Seminar Presentation for Returning Veterans and Substance Abuse Program at the VA Healthcare System, Boston, MA.
- **Luhar, R.**, Pinghua, L. (2011, April) Analyzing Mevalonate and Nonmevalonate Pathways in Bacteria through Bioinformatics and Biochemistry. Undergraduate Honors Dissertation, at Boston University, Boston, MA.