

Richard C. Lindsey

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Education

- 2012 – present **MD/PhD Student**, *Loma Linda University School of Medicine*, Loma Linda, CA.
2008 – 2012 **BS, Biochemistry**, *Biola University*, La Mirada, CA, *Summa cum laude*.
Minor: Mathematics
Perpetual member, Torrey Honors Institute

Publications

Richard C. Lindsey, Charles H. Rundle, and Subburaman Mohan. Role of IGF1 and EFN-EPH signaling in skeletal metabolism. *Journal of Molecular Endocrinology*, 61(1):T87–T102, July 2018.

Richard C. Lindsey, Patrick Aghajanian, and Subburaman Mohan. Thyroid Hormone Signaling in the Development of the Endochondral Skeleton. *Vitamins and Hormones*, 106:351–381, 2018.

Nikita M. Bajwa, Cheryl P. Sanchez, Richard C. Lindsey, Heather Watt, and Subburaman Mohan. Cortical and trabecular bone are equally affected in rats with renal failure and secondary hyperparathyroidism. *BMC nephrology*, 19(1):24, 02 02, 2018.

Richard C. Lindsey and Subburaman Mohan. Thyroid hormone acting via TR β induces expression of browning genes in mouse bone marrow adipose tissue. *Endocrine*, 56(1):109–120, April 2017.

Richard C. Lindsey and Subburaman Mohan. Skeletal effects of growth hormone and insulin-like growth factor-I therapy. *Molecular and Cellular Endocrinology*, 432:44–55, 09 05, 2016.

Presentations

- 2017 **American Society for Bone and Mineral Research Annual Meeting**, Denver, CO.
Poster: “Epigenetic Regulation of Articular Chondrocytes by Vitamin C Involving Prolyl Hydroxylase Domain-containing Protein 2 (PHD2): Role of Vitamin C Deficiency in the Pathogenesis of Osteoarthritis”
Lindsey, RC; Cheng, S; Pourteymoor, S; Godwin, C; and Mohan, S.
Poster: “Targeted Deletion of *Claudin (Cldn)-12* Gene Inhibits Chondrocyte Differentiation and Increases Articular Cartilage”
Lindsey, RC; Xing, W; Aghajanian, P; Godwin, C; Pourteymoor, S; and Mohan, S.
- 2016 **American Society for Bone and Mineral Research Annual Meeting**, Atlanta, GA.
Oral Presentation: “Novel Role for Claudin-11 in the Regulation of Osteoblasts via Modulation of ADAM10-mediated Notch Signaling”
Lindsey, RC; Cheng, S; Xing, W; Alarcon, C; Pourteymoor, S; Gow, A; and Mohan, S.
Poster: “Epigenetic Regulation of Osteoblast Differentiation by Vitamin C Involving Prolyl Hydroxylase Domain-containing Protein 2 (PHD2)”
Lindsey, RC; Cheng, S; Pourteymoor, S; Alarcon, C; and Mohan, S.

- 2016 **ENDO 2016 (Endocrine Society Annual Meeting)**, Boston, MA.
Poster: "Ascorbic Acid Effect on Trabecular Bone Mass is Skeletal Site Dependent"
Lindsey, RC and Mohan, S.
- 2015 **American Society for Bone and Mineral Research Annual Meeting**, Seattle, WA.
Poster: "Thyroid Hormone Induces Browning of Bone Marrow Adipose Tissue via Activation of TR β Signaling"
Lindsey, RC; Pourteymoor, S; Alarcon, C; and Mohan, S.
- 2015 **ENDO 2015 (Endocrine Society Annual Meeting)**, San Diego, CA.
Poster: "Thyroid Hormone Regulation of Bone Marrow Adipose Tissue" [**Selected for poster-preview presentation**]
Lindsey, RC; Abreu, CM; Cheng, A; Pourteymoor, S; Alarcon, C; and Mohan, S.
- 2015 – 2017 **18th–20th Annual Basic Sciences Research Symposium**, Loma Linda University School of Medicine, Loma Linda, CA.
Posters presented every year.
- 2010 – 2018 **10th–18th Annual Health Disparities Symposium**, Loma Linda University School of Medicine, Loma Linda, CA.
Posters presented every year. Flash oral presentation in 2017.

Awards

- 2018 **12th Annual Forum on Metabolic Bone Diseases Award**, *Endocrine Fellows Foundation*.
- 2016 **Dean's Award for Outstanding Performance on the Written Comprehensive Examination**, *Loma Linda University School of Medicine Department of Basic Sciences*.
- 2016 **3rd Place, Excellent Poster Presentation**, *Loma Linda University School of Medicine Department of Basic Sciences*.
- 2016 **Young Investigator Travel Grant**, *American Society for Bone and Mineral Research*.
- 2016 **Outstanding Abstract Award**, *Endocrine Society*.
- 2015 **Outstanding Abstract/Featured Poster Award**, *Endocrine Society*.
- 2014 – present **LLU-NIH Initiative for Maximizing Student Development**.
- 2014 – present **Dean's Merit Award**, *Loma Linda University School of Medicine*.
- 2012 **Epsilon Kappa Epsilon**, *Biola University Honor Society*.
- 2008 – 2012 **Dean's List**, *Biola University*.
- 2008 – 2012 **Science Department Scholarship**, *Biola University*.
- 2008 – 2012 **E.F. "Dinty" Mohr Scholarship**, *Beach Cities Masonic Lodge #753*.
- 2008 **National Merit Scholarship Finalist**.

Professional Service

- 2018 – present **Basic Science Student Council MD/PhD Representative**, *Loma Linda University*, Loma Linda, CA.
- 2018 – present **Vice President, American Physician Scientist Association, LLU Chapter**, *Loma Linda University*, Loma Linda, CA.
- 2016 – 2017 **Student Poster Judge, Basic Sciences Research Symposium**, *Loma Linda University*, Loma Linda, CA.
- 2016 – 2018 **Basic Sciences Research Symposium Steering Committee**, *Loma Linda University*, Loma Linda, CA.
- 2012 – present **Pre-Med Night**, *Biola University Health Careers Club*, La Mirada, CA.
Yearly presentation to educate undergraduate students about applications, medical school, and career options in medicine.
- 2008 – 2012 **Biola Health Careers Club**, *Biola University*, La Mirada, CA.
Educational service club for pre-health professions students.
Officer, Fall 2010; Vice President, Spring 2011; President, Fall 2011 – Spring 2012.

Research & Work Experience

Research

- June 2014 – present **Doctoral Research**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Musculoskeletal Disease Center, VA Loma Linda Healthcare System, Initiative for Maximizing Student Development, Center for Health Disparities and Molecular Medicine and Division of Biochemistry, Department of Basic Sciences
Mentor: Subburaman Mohan, PhD
- June – August 2013 **Medical Training Program**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Research through the LLU Center for Health Disparities and Molecular Medicine culminating in an abstract and poster session.
- June – August 2012 **Medical Training Program**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Research through the LLU Center for Health Disparities and Molecular Medicine culminating in an abstract and poster session.
- 2011 – 2012 **Directed Research**, *Biola University*, La Mirada, CA.
Aging research on *C. elegans* under the direction of Matt E. Cruzen, PhD.
- June – August 2011 **Undergraduate Training Program**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Research through the LLU Center for Health Disparities and Molecular Medicine culminating in an abstract and poster session.
- June – August 2010 **Undergraduate Training Program**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Research through the LLU Center for Health Disparities and Molecular Medicine culminating in an abstract and poster session.

Miscellaneous

- 2009 – 2012 **General Chemistry Tutor and Grader**, *Biola University*, La Mirada, CA.
Tutoring and grading for undergraduate General Chemistry lecture and lab classes under the direction of Brent Ridley, PhD, and Mark Pichaj, MS.
- June – August 2009 **Internship and Clinical Shadowing**, *Molina Healthcare, Inc.*, Long Beach, CA.
Statistical public health and health disparities research in the Department of Research and Innovation and shadowing family practice physicians.

Community Service

- 2016 – present **Sunday School Teacher**, *Sovereign Grace Orthodox Presbyterian Church*, Redlands, CA.
Weekly instruction of junior high students and bimonthly adult book discussion group.
- 2015 – 2016 **Pastoral Search Committee**, *Sovereign Grace Orthodox Presbyterian Church*, Redlands, CA.
Evaluate applicants for the position of Senior Pastor.
- 2012 – 2015 **Community Kids Connection Tutoring**, *Loma Linda University Community-Academic Partners in Service*, San Bernardino, CA.
Weekly after-school tutoring for elementary through high school students from underserved areas of San Bernardino.

References

Available upon request.