

Richard C. Lindsey

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Education

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

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.

Publications

Richard C. Lindsey and Subburaman Mohan. Skeletal Effects of Growth Hormone and Insulin-like Growth Factor-I Therapy. *Molecular and Cellular Endocrinology*, September 2015.

Presentations

- 2016 **19th Annual Basic Sciences Research Symposium**, Loma Linda University School of Medicine, Loma Linda, CA.
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 **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 **16th Annual Health Disparities Symposium**, Loma Linda University School of Medicine, Loma Linda, CA.
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 **18th Annual Basic Sciences Research Symposium**, Loma Linda University School of Medicine, Loma Linda, CA.
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 **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 **15th Annual Health Disparities Symposium**, Loma Linda University School of Medicine, Loma Linda, CA.
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.
- 2014 **14th Annual Health Disparities Symposium**, Loma Linda University School of Medicine, Loma Linda, CA.
Poster: "Regulation of Production and Actions of Claudin-12 in Osteoblasts"
Lindsey, RC; Alshbool, FZ; Pourteymoor, S; and Mohan, S.

- 2013 **13th Annual Health Disparities Symposium**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Poster: "Molecular Pathway for Vitamin C Regulation of Osteoblast Differentiation"
Lindsey, RC; Pourteymoor, S; and Mohan, S.
- 2012 **12th Annual Health Disparities Symposium**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Poster: "Molecular Pathway for Thyroid Hormone Regulation of Chondrocyte Differentiation"
Lindsey, RC; Pourteymoor, S; and Mohan, S.
- 2011 **11th Annual Health Disparities Symposium**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Poster: "Molecular Pathway for Thyroid Hormone Regulation of Chondrocyte Differentiation"
Lindsey, RC; Pourteymoor, S; and Mohan, S.
- 2010 **10th Annual Health Disparities Symposium**, *Loma Linda University School of Medicine*, Loma Linda, CA.
Poster: "Vitamin C and BMP-2 Signaling Pathways Interact to Regulate Osteoblast Differentiation"
Lindsey, RC; Linares, GR; and Mohan, S.

Awards

- 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

- 2016 **Student Poster Judge, Basic Sciences Research Symposium**, *Loma Linda University*, Loma Linda, CA.
- 2016 **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.

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.