

Sudarshan Srirangapatnam

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Education and Training

Doctor of Medicine

University of Central Florida, Orlando, FL

Class of 2024

BA in Molecular and Cellular Biology, *cum laude*

University of California, Berkeley, CA

2014 – 2017

Clinical Experience

Medical Scribe

Urology Faculty Practice, University of California, San Francisco

2018 – 2020

- Assist physicians with administrative and documentation tasks
- Review patients' Electronic Medical Record
- Present history prior to visit and place necessary orders
- Instruct patients as directed by physicians

Administrative Assistant

California Specialty Physicians, Milpitas, CA

2018 – 2019

- Coordinate care between teams
- Ensure appropriate arrival of referral documents
- Schedule patients for follow-up

Teaching and Mentoring

Track director, Finding Independent Track

Scouts BSA, GSCC - UCSF

2020 - Present

- Designed curriculum for Health Sciences
- Designed curriculum for Data Sciences
- Taught advanced classes to high school students

Workshops in digital technology and programming

Scouts BSA, Lafayette, CA

2020

- Taught Digital Technology core principles
- Designed coding workshops
- Taught programming basics

Research Apprenticeship for High School Students

Program in Biomineralization Studies, University of California, San Francisco

2019

- Mentored high school students
- Prepared them for presentations
- Guided a project in precision medicine

Research Interests and Experience

Investigate and explore applications of big-data into effective patient care through use of clinical data research and predictive modeling.

Research Assistant

Program in Biomineralization Studies, University of California, San Francisco

2019 - Present

- Active member of a multi-disciplinary team involving faculty from School of Medicine and School of Dentistry
- Presented current projects with focus on biomineralization

Public Policy & Health Research Apprenticeship

University of California, Berkeley

2017

- Improve script used for data collection
- Collaboratively surveyed parents and pediatric offices across the US

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Abstracts and Presentations

* Presenting author

*Both authors contributed equally

- Naimiri NK, Mmonu NA, **Srirangapatanam S**, Breyer BN. *Female Urethral Strictures: Review of diagnosis, etiology and management – Beyond the Abstract*. 2019. *UroToday.com*.
- Bayne D** and **Srirangapatanam S***, Ahn J, Wiener S, Chi T, Ho SP, Hsu R, Stoller ML. *Association of urinary stone disease with kidney function decline*. 2019. *NIDDK CAIRIBU*. 1st Place.
- **Srirangapatanam S**** and Bayne D*, Ahn J, Wiener S, Chi T, Ho SP, Hsu R, Stoller ML. *Association of urinary stone disease with kidney function decline*. 2020. *AUA*. Accepted.
- Cohen AJ*, Patino G, Mirramezani S, **Srirangapatanam S**, Tresh A, Cheema B, Tai J, Romero D, Enriquez A, Shadden A, Breyer BN. *Pilot experimental analysis of meatus conformation and development of novel measurements for aberrant urinary stream in 3D printed urethras derived from Cadaveric Model*. 2020. *AUA*. Accepted.
- **Srirangapatanam S***, Parikh V, Kang M, He R, Ho SP. *Effects of diets on mechanoadaptation of orthodontically moved teeth*. 2020. *IADR/AADR*. Accepted.
- Bayne D, Hicks C*, Armas-Phan M, **Srirangapatanam S**, Chi T. *Influence of income and food insecurity on stone burden at presentation for urologic surgery*. 2020. *NIDDK CAIRIBU*. Accepted.
- Bayne D, Hicks C*, Armas-Phan M, **Srirangapatanam S**, Chi T. *Influence of income and food insecurity on stone burden at presentation for urologic surgery*. 2020. *NIDDK NMRI*. Accepted.

Publications

*Both authors contributed equally

- Mmonu NA, **Srirangapatanam S**, Cohen AJ, Breyer BN. *Female Urethral Strictures: Review of diagnosis, etiology and management*. 2019. *Current Urology Reports*.
- Cohen AJ, Gaither TW, **Srirangapatanam S**, Castellanos ER, Enriquez A, Fergus KB, Fadrosch D, Lynch S, Mmonu NA, Breyer BN. *Synchronous genitourinary Lichen Sclerosus signals a distinct Urinary microbiome profile in men with urethral stricture disease*. 2020. *World Journal of Urology*.
- Wang B, Kim K, **Srirangapatanam S**, Ustriyana P, Wheelis S, Fakra S, Kang M, Rodrigues D, Ho SP. *Mechanoadaptive strain and functional osseointegration of a dental implants in rats*. 2020. *Bone*.
- Wang B, Kim K, **Srirangapatanam S**, Ustriyana P, Wheelis S, Fakra S, Kang M, Rodrigues D, Ho SP. *Data on biomechanics and elemental maps of dental implant-bone complexes in rats*. 2020. *Data in Brief*.
- **Srirangapatanam S**, Wiener S, Stoller ML. *Role of core body temperature in nephrolithiasis*. 2020. *BJUI*.
- Bayne D, Armas-Phan M, **Srirangapatanam S**, Ahn J, Brown T, Stoller ML, Chi T. *Low urologist density predicts high cost surgical treatment of stone disease*. 2020. *Journal of Endourology*.
- Naimiri NK, Cheema B, Lui H, Enriquez A, Rios N, **Srirangapatanam S**, Cohen AJ, Mmonu NA, Breyer BN. *Characterizing voiding experiences of men choosing seated and standing positions*. 2020. *NAU*.
- Fernandez AM, Sherer BA, Gansky SA, Mena J, **Srirangapatanam S**, Chi T, Ho SP, Stoller ML. *Ectopic Biomineralization in Kidney Stone Formers Compared to Non Stone Formers*. 2020. *Translational Andrology and Urology*.
- Cohen AJ, Patino G, Mirramezani S, **Srirangapatanam S**, Tresh A, Cheema B, Tai J, Romero D, Enriquez A, Baskin L, Shadden A, Breyer BN. *Novel measurement tool and model for aberrant urinary stream in 3D printed urethras derived from human tissue*. 2020. *PLoS One*.