



## Prabhu RV Shankar, M.D., M.S., M.R.C.P. (UK)

<b>Research/Academic Interests</b>	Dr. Shankar's research focus include predictive analytics, outcomes research, knowledge modeling, ontology development and its application for data standardization, integration and computer-assisted reasoning. His other passion is the application of evolving mobile health (mHealth) technologies in healthcare.
<b>Title</b>	Assistant Adjunct Professor, Division of Health Informatics
<b>Specialty</b>	Clinical Informatics, Internal Medicine
<b>Department</b>	<a href="#">Public Health Sciences</a>
<b>Division</b>	Health Informatics
<b>Center/Program Affiliation</b>	<a href="#">Center for Precision Medicine and Data Sciences</a> <a href="#">Public Health Sciences</a> <a href="#">Center for Health and Technology</a> <a href="#">Clinical and Translational Science Center</a>
<b>Address/Phone</b>	UC Davis Medical Center, 2315 Stockton Blvd. Sacramento, CA 95817 <b>Phone:</b> 800-2-UCDAVIS (800-282-3284)
<b>Email</b>	<a href="mailto:prabhushankarmysore@gmail.com">prabhushankarmysore@gmail.com</a>
<b>Languages</b>	Hindi, Kannada
<b>Education</b>	M.D., Mysore Medical College, Mysore, India 1989 M.R.C.P., Internal Medicine, Royal College of Physicians, London UK 1993 M.S., Health Informatics, University of Texas Health Science Center, Houston TX 2003
<b>Internships</b>	KR Hospital, Mysore, Karnataka, India 1984-1985 Internal Medicine, Various Hospitals (UK), Manchester, Great Yarmouth, UK 1992-1993
<b>Residency</b>	Internal Medicine, KR Hospital, Mysore, Karnataka, India 1985-1989 Internal Medicine, Various Hospitals (UK), Kettering, Swindon, UK 1993-1998
<b>Board Certifications</b>	ECFMG/USMLE certified (USMLE Steps I, II and III) Observational Medical Outcomes Partnership (OMOP) Common Data Model (CDM) training, IQVIA Inc.
<b>Professional Memberships</b>	American Medical Informatics Association
<b>Honors and Awards</b>	Finalists, the National Institutes of Health (NIH) funded, Clinical and Translational Science Awards



## Prabhu RV Shankar, M.D., M.S., M.R.C.P. (UK)

(CTSAs) initiated CD2H DREAM Challenge IDEA Competition, 2019

First Prize, the American Medical Informatics Association Knowledge Discovery and Data Mining Working Group (AMIA KDDM WG) and the University of North Norway (UNN) sponsored international data competition to predict (Predictive Modeling) surgical site infections in post-operative patients using laboratory data using machine learning tools, AMIA Conference, 2016  
Poster award, Pediatric Healthcare Innovation Conference, Emory University and Georgia Tech, 2014

Student Poster award, Annual Research Day poster contest, University of Texas at Houston, 2002  
Valedictorian, Mysore, India, 1978

### Select Recent Publications

Full list: [https://www.ncbi.nlm.nih.gov/myncbi/1tYRkrR-Ak\\_k9/bibliography/public/](https://www.ncbi.nlm.nih.gov/myncbi/1tYRkrR-Ak_k9/bibliography/public/)

Shankar SP, Grimsrud K, Lanoue L, Egense A, Willis B, Hörberg J, AlAbdi L, Mayer K, Ütkür K, Monaghan KG, Krier J, Stoler J, Alnemer M, Shankar PR, Schaffrath R, Alkuraya FS, Brinkmann U, Eriksson LA, Lloyd K, Rauen KA; Undiagnosed Diseases Network. A novel DPH5-related diphthamide-deficiency syndrome causing embryonic lethality or profound neurodevelopmental disorder. *Genet Med.* 2022 Apr 27;S1098-3600(22)00704-3. doi:10.1016/j.gim.2022.03.014. Epub ahead of print. PMID:35482014.

Shankar SP, Fallurin R, Watson T, Shankar PR, Young TL, Orel-Bixler D, Rauen KA. Ophthalmic manifestations in Costello syndrome caused by Ras pathway dysregulation during development. *Ophthalmic Genet.* 2022 Feb;43(1):48-57. doi:10.1080/13816810.2021.1978103. Epub 2021 Oct 6. PMID:34612139.

Vyas-Read S, Guglani L, Shankar P, Travers C, Kanaan U. Atrial Septal Defects Accelerate Pulmonary Hypertension Diagnoses in Premature Infants. *Front Pediatr.* 2018 Nov 23;6:342. doi:10.3389/fped.2018.00342. PMID:30533406.

Shankar P, Anderson N. Advances in Sharing Multi-sourced Health Data on Decision Support Science 2016-2017. *Yearb Med Inform.* 2018 Aug;27(1):16-24. doi:10.1055/s-0038-1641215. Epub 2018 Aug 29. PMID:30157504.



## Prabhu RV Shankar, M.D., M.S., M.R.C.P. (UK)

Shankar PR. Predictive Modeling of Surgical Site Infections Using Sparse Laboratory Data. *International J Big Data and Analytics in Healthcare (IJBD AH)*. 2018;3(1):13-26. doi:10.4018/IJBD AH.2018010102.

Vyas-Read S, Kanaan U, Shankar P, Stremming J, Travers C, Carlton DP, Fitzpatrick A. Early characteristics of infants with pulmonary hypertension in a referral neonatal intensive care unit. *BMC Pediatr*. 2017 Jul 11;17(1):163. doi:10.1186/s12887-017-0910-0. PMID:28697724.

Shankar P, Logan R, Foley A, Li H. Novel Approaches to Identifying Rare Diseases Using Electronic Health Record data, Mabry Syndrome as an example. *AMIA*. 2017.

Rogers BB, Shankar P, Jerris RC, Kotzbauer D, Anderson EJ, Watson JR, O'Brien LA, Uwindatwa F, McNamara K, Bost JE. Impact of a rapid respiratory panel test on patient outcomes. *Arch Pathol Lab Med*. 2015 May;139(5):636-41. doi:10.5858/arpa.2014-0257-OA. Epub 2014 Aug 25. PMID:25152311.

Collins MN, Brawley CB, McCracken CE, Shankar PR, Schechter MS, Rogers BB. Risk factors for quantity not sufficient sweat collection in infants 3 months or younger. *Am J Clin Pathol*. 2014 Jul;142(1):72-5. doi:10.1309/AJCPLHG2BUVBT5LY. PMID:24926088.

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