


## Ram Duriseti

Clinical Associate Professor, Emergency Medicine

 NIH Biosketch available Online

 Curriculum Vitae available Online

### CONTACT INFORMATION

- **Alternate Contact**

Ram Duriseti - Clinical Associate Professor

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### Bio

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#### BIO

Ram's Doctoral background and academic interests are in the computational modeling of complex decisions, algorithm design and implementation, and data driven decision making. Outside of clinical work, his main competencies in this regard are software development, algorithm design and implementation, cost-effectiveness analysis, and decision analysis through computational models. He has also collaborated with industry to create and deploy operation specific software involving statistical computing and reasoning under inference. He has been practicing clinical Emergency Medicine in both community and academic settings for over 20 years.

<https://www.shiftgen.com/about>

<https://www.linkedin.com/in/ram-duriseti-991614/>

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Emergency Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Ph.D., Stanford University , Computational Decision Modeling (2007)
- MD, University of Michigan , Medicine (1996)
- BS, Stanford University , Biology (1991)
- BA, Stanford University , Political Economy (1991)

### Publications

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#### PUBLICATIONS

- **School Mask Mandates and COVID-19: The Challenge of Using Difference-in-Differences Analysis of Observational Data to Estimate the Effectiveness of a Public Health Intervention.** *Annals of internal medicine*  
Chandra, A., Hoeg, T. B., Ladhani, S., Prasad, V., Duriseti, R.  
2024

- **Potential "Healthy Vaccinee Bias" in a Study of BNT162b2 Vaccine against Covid-19.** *The New England journal of medicine*  
Hoeg, T. B., Duriseti, R., Prasad, V.  
2023; 389 (3): 284-285
- **Cost-Effectiveness of Strategies for Diagnosing Pulmonary Embolism Among Emergency Department Patients Presenting With Undifferentiated Symptoms** *ANNALS OF EMERGENCY MEDICINE*  
Duriseti, R. S., Brandeau, M. L.  
2010; 56 (4): 321-332
- **Mechanistic investigation of fitted mask source control efficacy for sub-micrometer aerosols** *AEROSOL SCIENCE AND TECHNOLOGY*  
Pieris, S., Leung, R., Yarusevych, S., Peterson, S. D., Duriseti, R.  
2025
- **Face masks and protection against COVID-19 and other viral respiratory infections: Assessment of benefits and harms in children.** *Paediatric respiratory reviews*  
Sandlund, J., Duriseti, R., Ladhani, S. N., Stuart, K., Noble, J., Beth Hoeg, T.  
2024
- **Child mask mandates for COVID-19: a systematic review.** *Archives of disease in childhood*  
Sandlund, J., Duriseti, R., Ladhani, S. N., Stuart, K., Noble, J., Høeg, T. B.  
2023
- **Rejoinder 3: School closures: The trigger point in the decline in pediatric mental health outcomes during the COVID-19 pandemic.** *Journal of the Canadian Academy of Child and Adolescent Psychiatry = Journal de l'Academie canadienne de psychiatrie de l'enfant et de l'adolescent*  
Vidal, C., Holland, E. T., Duriseti, R. S.  
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- **Rejoinder 3: School closures: The trigger point in the decline in pediatric mental health outcomes during the COVID-19 pandemic** *JOURNAL OF THE CANADIAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*  
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- **Emergency Department Access During COVID-19: Disparities in Utilization by Race/Ethnicity, Insurance, and Income** *Western Journal of Emergency Medicine*  
Lowe, J., Brown, I., Duriseti, R., et al  
2021: 552-560
- **Patient and Physician Willingness to Use Personal Health Records in the Emergency Department** *WESTERN JOURNAL OF EMERGENCY MEDICINE*  
Menon, A. S., Greenwald, S., Ma, T. J., Kooshesh, S., Duriseti, R.  
2012; 13 (2): 172-75
- **Musculoskeletal Emergencies** *A Practical Guide to Pediatric Emergency Medicine*  
Ram Duriseti  
2010; 1
- **Gastrointestinal Emergencies** *A Practical Guide to Pediatric Emergency Medicine*  
Ram Duriseti  
2010; 1
- **Using Influence Diagrams in Cost Effectiveness Analysis for Medical Decisions** *Optimization in Medicine and Biology*  
Ram Duriseti  
2008
- **Using Influence Diagrams in Cost-Effectiveness Analysis for Medical Decisions** *OPTIMIZATION IN MEDICINE AND BIOLOGY*  
Duriseti, R. S.  
edited by Lim, G. J., Lee, E. K.  
2008: 61-94
- **Non-Bayesian Classification to Obtain High Quality Clinical Decisions** *OPTIMIZATION IN MEDICINE AND BIOLOGY*  
Duriseti, R. S.

edited by Lim, G. J., Lee, E. K.  
2008: 95–115

- **Non-Bayesian Classification to Obtain High Quality Clinical Decisions** *Optimization in Medicine and Biology*  
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- **Value of quantitative D-dimer assays in identifying pulmonary embolism: Implications from a sequential decision model** *ACADEMIC EMERGENCY MEDICINE*  
Duriseti, R. S., Shachter, R. D., Brandeau, M. L.  
2006; 13 (7): 755-766