

# IOE 813

## Providing Better Healthcare Through Systems Engineering: *Public Brainstorming Sessions*

Mitigating Physician Burnout by  
Reducing Documentation Burden via AI



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IOE 1680  
1205 Beal Ave.



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## TOPIC


Busy clinicians spend twice as much time documenting, billing, placing orders, and searching medical records for relevant information as they spend on face-to-face tasks with patients. Physician burnout, ever a concern, was amplified by the pandemic and its lingering effects. The electronic health record is considered a primary pain point that contributes to physician burnout.

How can we best leverage the amazing features of an advanced electronic health record while minimizing its contribution to clinician burnout? What roles can AI play to mitigate burnout and improve the patient and clinician experience?

## BIO

Andrew Fine is a pediatric emergency medicine specialist who has oriented his career toward developing innovative approaches to improve the lives of individual children and public health. From developing methods to incorporate real-time epidemiology into clinical prediction models to creating and implementing innovative tools that predict the likelihood of hospital admission from the emergency department, he serves as a bridge between public health, informatics, and clinical care.

Join us

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