

# Stanford

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## Jared Shenson

Resident in Otolaryngology (Head and Neck Surgery)

### Bio

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#### BIO

Jared Shenson, MD, is a resident physician in Otolaryngology–Head & Neck Surgery at Stanford University. He is creatively applying design and technology in healthcare and medical education for healthier, safer lives. Research efforts have focused on patient-provider electronic messaging, care of otolaryngic illness, and medical student learning. Recognized locally and nationally for his innovations in medical education, he has also brought his entrepreneurial enthusiasm to founding and consulting with companies developing software for the healthcare, education, and non-profit communities.

#### CLINICAL FOCUS

- Otolaryngology – Head & Neck Surgery
- Medical Education Informatics
- Digital Health in Surgical Care
- Technology Innovation
- Residency

#### HONORS AND AWARDS

- Medical Education Innovation Challenge – First Place, American Medical Association (2016)
- Vanderbilt Institute for Digital Learning Student Innovation Award, Vanderbilt University (2016)
- Innovation Forum Award for Best Oral Presentation, AAMC Information Technology in Academic Medicine Conference (2014)
- Clinical Trial Visualization Redesign competition – Honorable Mention, Eli Lilly (2013)

#### PROFESSIONAL EDUCATION

- M.D., Vanderbilt University School of Medicine (2016)
- B.S., Yale University, Biology (2012)

#### INTERNET LINKS

- My Personal Site: <http://jaredshenson.com>
- Twitter: <https://twitter.com/jashenson>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

I have two broad areas of research interest, focusing on the use of informatics and technology in medical education and surgical care.

1. Medical education innovation methods and use of educational informatics to enhance teaching and learning

Questions of interest include: How can we shift the momentum of progress in medical education to an open, collaborative effort? How can learners contribute to technology in the learning environment? How do we teach and engage learners in health informatics, and what are the essential competencies they must develop to be prepared for a career in 21st century healthcare?

2. Health informatics applications in surgical care

Questions of interest include: How can technology tailored to patient needs improve peri-operative care? What role does mobile health play in care of surgical patients? How can we deliver real-time, actionable intelligence to surgeons in the clinic and operating room?

## Publications

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### PUBLICATIONS

- **Effect of Preoperative Counseling on Hospital Length of Stay and Readmissions after Total Laryngectomy.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Shenson, J. A., Craig, J. N., Rohde, S. L.  
2017; 156 (2): 289-298
- **Rapid growth in surgeons' use of secure messaging in a patient portal** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*  
Shenson, J. A., Cronin, R. M., Davis, S. E., Chen, Q., Jackson, G. P.  
2016; 30 (4): 1432-1440
- **Adoption of Secure Messaging in a Patient Portal across Pediatric Specialties.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*  
Masterman, M., Cronin, R. M., Davis, S. E., Shenson, J. A., Jackson, G. P.  
2016; 2016: 1930-1939
- **Formation of a New Entity to Support Effective Use of Technology in Medical Education: The Student Technology Committee.** *JMIR medical education*  
Shenson, J. A., Adams, R. C., Ahmed, S. T., Spickard, A.  
2015; 1 (2)
- **Application of a Consumer Health Information Needs Taxonomy to Questions in Maternal-Fetal Care.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*  
Shenson, J. A., Ingram, E., Colon, N., Jackson, G. P.  
2015; 2015: 1148-1156
- **Growth of Secure Messaging Through a Patient Portal as a Form of Outpatient Interaction across Clinical Specialties** *APPLIED CLINICAL INFORMATICS*  
Cronin, R. M., Davis, S. E., Shenson, J. A., Chen, Q., Rosenbloom, S. T., Jackson, G. P.  
2015; 6 (2): 288-304
- **Visualizing disease incidence in the context of socioeconomic factors**  
Shenson, J. A., Joshi, A.  
2012: 29-38