

# Jared A. Shenson, M.D.

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## Training & Education

- 2016 – 2021 **Stanford University Hospitals, Stanford, CA**  
Residency in Otolaryngology–Head & Neck Surgery
- 2012 – 2016 **Vanderbilt University School of Medicine, Nashville, TN**  
Doctor of Medicine (M.D.)
- 2008 – 2012 **Yale University, New Haven, CT**  
Bachelor of Science (B.S.) in Biology with Distinction  
Concentration in Molecular, Cellular, and Developmental Biology

## Honors & Awards

- 2019 **Stanford Biodesign Award for Best Need & People’s Choice**  
Mobile screening tool for keratoconus
- 2018 **GSK ImmunoHack for Vaccinations, First Place**  
iPad game for parents to promote vaccination for their children
- 2016 **Vanderbilt Institute for Digital Learning Student Innovation Award**  
Recognized for research-driven contributions to the gross anatomy laboratory through implementation of iPad-enhanced learning.
- 2016 **AMA Medical Education Innovation Challenge, First Place**  
National competition calling on students to imagine the medical school of the future, sponsored by the American Medical Association.
- 2015 **American Cochlear Implant Alliance Student Scholarship**
- 2014 **Innovation Forum Award for Best Oral Presentation,**  
*AAMC Information Technology in Academic Medicine Conference*
- 2013 **Clinical Trial Visualization Redesign Competition, Honorable Mention**  
National competition to reimagine online clinical trial information.  
Recognized among top six designs.
- 2012 **Cornelius Vanderbilt Scholarship, Vanderbilt Univ. School of Medicine**  
Four-year merit scholarship awarded for leadership potential and ability to contribute to richness of the Vanderbilt environment.

	2011/2012	<b>Yale College Council App Challenge</b> First Prize (2012) and Finalist (2011)
<b>Extramural funding</b>	2019	<b>Stanford Biodesign Extension Program Grant, <i>Co-principal Investigator</i></b> “Keratoconus – Screening for vision preservation”   \$10,000
	2018 – 2019	<b>AAO-HNSF CORE Resident Research Grant, <i>Principal Investigator</i></b> “Multispectral digital 3D operative imaging in otolaryngology”   \$10,000
<b>Research experiences</b>	2018 –	<b>Dept. of Otolaryngology, Stanford University</b> <i>Advisor:</i> Nikolas Blevins, M.D., Professor of Otolaryngology Evaluation of multispectral digital 3D operative imaging for real-time enhanced surgical vision.
	2015 – 2016	<b>Dept. of Otolaryngology, Vanderbilt University</b> <i>Advisor:</i> Sarah Rohde, M.D., Assistant Professor of Otolaryngology Evaluation of risk and preventive factors for post-operative readmissions among patients undergoing total laryngectomy.  <i>Advisor:</i> Robert Labadie, M.D., Ph.D., Professor of Otolaryngology Refinement of 3D cochlear implant localization models to guide implant programming; evaluation of patient outcomes after reprogramming.
	2013 – 2016	<b>Dept. of Biomedical Informatics, Vanderbilt University</b> <i>Advisor:</i> Gretchen Jackson, M.D., Ph.D., Associate Professor of Surgery Characterization of patient-provider messaging and consumer health information needs expressed through online patient portals.  <i>Advisor:</i> Randolph Miller, M.D., Professor of Biomedical Informatics Development of mobile applications for clinical decision support and educational tools in undergraduate medical training.
	2011 – 2012	<b>Dept. of Immunobiology, Yale University</b> <i>Advisor:</i> Kevan Herold, M.D., Professor of Immunobiology & Medicine Characterization of the unique immunophenotypic signature of autoreactive pathogenic CD8 <sup>+</sup> T cells in mouse model of type 1 diabetes.
<b>Peer-reviewed publications</b>	1.	<u>Shenson JA</u> , Sung CK. Transoral laryngeal microsurgery for supraglottic airway obstruction in thyroid goiter. <i>Otolaryngology Case Reports</i> . 2019; 10:17-19.
	2.	<u>Shenson JA</u> , Craig JN, Rohde SL. Effect of Preoperative Counseling on Hospital Length of Stay and Readmissions after Total Laryngectomy. <i>Otolaryngology–Head &amp; Neck Surgery</i> . 2017; 156(2):289-298.

3. Masterman M, Cronin RM, Davis SA, Shenson JA, Jackson GP. Adoption of secure messaging in a patient portal across pediatric specialties. *Proceedings of the American Medical Informatics Association 2016 Annual Symposium*. 2016:1967-76.
4. Garyu JW, Uduman M, Stewart A, Rui J, Deng S, Shenson J, Staron MM, Kaech SM, Kleinstein SH, Herold KC. Characterization of diabetogenic CD8+ T cells: immune therapy with metabolic blockade. *Journal of Biological Chemistry*. 2016; 291(21):11230-40.
5. Shenson JA, Cronin RM, Davis SE, Chen Q, Jackson GP. Rapid Growth in Surgeons' Use of Secure Messaging in a Patient Portal. *Surgical Endoscopy*. 2016; 30(4):1432-1440.
6. Shenson JA, Adams RC, Ahmed ST, Spickard A III. The Student Technology Committee: A new entity to support effective use of technology in medical education. *JMIR Medical Education*. 2015; 1(2):e9.
7. Shenson JA, Ingram E, Colon N, Jackson GP. Application of a Consumer Health Information Needs Taxonomy to Maternal-Fetal Care. *AMIA Annual Symposium Proceedings*. 2015; 1148–56.
8. Cronin RM, Davis SE, Shenson JA, Chen Q, Rosenbloom ST, Jackson GP. Growth of Secure Messaging Through a Patient Portal as a Form of Outpatient Interaction across Clinical Specialties. *Applied Clinical Informatics*. 2015;6(2):288-304.
9. Shenson JA, Joshi A. 2012. Visualizing disease incidence in the context of socioeconomic factors. Proceedings of the 5th International Symposium on Visual Information Communication and Interaction (VINCI '12). 29-38.

**Posters & Presentations**

1. Shenson JA, Batten J, Utranker A, Le T. Promoting Active Student Participation in Medical School Curriculum Design and Development. Oral workshop. *Stanford Medicine X Education*, Stanford, CA. 2018.
2. Shenson JA, Jeffery CC, Kim GS, Sung CK. Retropharyngeal thyroid goiter causing oropharyngeal compression and supraglottic airway obstruction. Poster. *American Academy of Otolaryngology–Head & Neck Surgery Annual Meeting*, Chicago, IL. 2017.
3. Shenson JA, Utrankar A. Envisioning a 'Muse': An open, networked information ecosystem for medical education. Oral presentation. *Stanford Medicine X Education*, Stanford, CA. 2017.

4. Utrankar A, Shenson JA. The student technology committee: a novel approach for student-centered development of medical education technology: purpose, process, and impact. Oral presentation. *Stanford Medicine X Education*, Stanford, CA. 2017.
5. Shenson JA, Craig JN, Rohde SL. Preoperative counseling reduces hospital length of stay following total laryngectomy. Oral presentation. *American Academy of Otolaryngology–Head & Neck Surgery Annual Meeting*, San Diego, CA. 2016.
6. Shenson JA, Adams RC, Genkins JZ, Spickard A. Implementation of tablets in the gross anatomy laboratory: Experiences and student attitudes at one year. Poster presentation. *Stanford Medicine X*, Stanford, CA. 2016.
7. Utrankar A, Shenson JA. In search of a “Muse”: An open national exchange for the advancement of medical education. Oral presentation. *Accelerating Change in Medical Education*, Hershey, PA. 2016.
8. Shenson JA, Labadie RF, Gifford RH, Dawant BM, Dietrich M, Noble JH. Predictors of Hearing Performance after Image-Guided Cochlear Implant Programming. Poster. *Cochlear Implant 2015 Symposium*, Washington, D.C. 2015.
9. Cakir A, Shenson JA, Labadie RF, Dawant BM, Gifford RH, Noble JH. Development of a model for patient-specific simulation of cochlear implant stimulation. Poster. *Conference on Implantable Auditory Prostheses*, Lake Tahoe, CA. 2015.
10. Shenson JA, Adams RC, Utrankar A, Ahmed ST, Spickard A. The Student Technology Committee: Supporting students as stakeholders in medical education technology. Oral presentation. *AAMC Information Technology in Academic Medicine Conference*, San Diego, CA. 2015.
11. Jackson GP, Davis SE, Shenson JA, Chen Q, Cronin RM. Rapid Growth in the Use of Secure Messaging in a Patient Portal by Surgical Providers. Poster. *SAGES Meeting*, Nashville, TN. 2015.
12. Shenson JA, Adams RC, Uptegraft CC, Hagan SL, Miller RA. The AskVanderbilt Physical Diagnosis Tutor: A Mobile, Tablet-Based Approach to Instructional Technology. ePoster (oral) presentation. *AAMC Information Technology in Academic Medicine Conference*, Nashville, TN. 2014.
13. Kumar AA, Shenson JA, Adams RC, Hagan SL, Odom MJ. Lessons from a multi-stage trial of iPad implementation at Vanderbilt School of Medicine. Oral presentation. *Mobile Computing in Medical Education*, Indianapolis, IN. 2013.

14. Kumar AA, Shenson JA, Adams RC, Hagan SL, Odom MJ. A multi-stage trial of iPad utility across the Vanderbilt medical education curriculum. Oral presentation. *SGEA/SGSA Annual Meeting*, Savannah, GA. 2013.
15. Shenson JA, Garyu J, Herold KC. Characterizing the phenotypic signature of autoreactive CD8 T cells in Type 1 Diabetes. Poster. *Senior Molecular, Cellular and Developmental Biology Research Symposium*, Yale University, New Haven, CT. 2012.

## Books

*First Aid for the USMLE Step 1*, 2016 Ed., Contributing author.  
*First Aid for the USMLE Step 1*, 2015 Ed., Contributing student editor.

## Other Publications

Shenson JA. *Birthday Reveler*, 2008. "Documenting the Decade." nytimes.com. *The New York Times*, 31 Dec. 2009.

## Intramural talks

- 2019            Shenson JA. "Improving Care Quality with Electronic Patient Reported Outcomes". *Department of Otolaryngology–Head & Neck Surgery Grand Rounds*, Stanford University, Stanford, CA.
- 2015            Miller RA, Shenson JA. "Update on Ask Vanderbilt iOS App Development". *Department of Biomedical Informatics Grand Rounds*, Vanderbilt University, Nashville, TN.

## Professional Activities

- 2018 – 2019    **AAO-HNS Medical Informatics Committee**  
*Resident Member*
- 2017 – 2018    **AAO-HNS Simulation in Medical Education Committee**  
*Resident Member*
- 2014 –            **Ad-hoc Journal Peer Reviewer**  
*American Medical Informatics Association Annual Symposium, Applied Clinical Informatics, Journal of Medical Internet Research, and Journal of Medical Systems*

## Leadership & Service

- Stanford University
- 2018 –            **Resident Safety Committee, Member and Department of Otolaryngology–Head & Neck Surgery Quality Improvement Champion**

## Vanderbilt University School of Medicine

- 2015 – 2016    **VSTAR Advisory Committee, Student Member**

Invited participation on faculty committee tasked with improving the core software supporting undergraduate and graduate medical education.

2015 – 2016 **Otolaryngology Interest Group, Co-Chair**

2014 – 2016 **Curriculum Committee, Student Member**

2012 – 2016 **Technology Committee, Co-Founder, Co-President & Student Rep.**  
Researched technology use in undergraduate medical education. Official liaisons to school administration, faculty, and IT staff on development and implementation of educational technologies and IT policies.

2012 – 2016 **Shade Tree Clinic**  
*Patient Health Educator, Medical Team Volunteer, and QI Project Leader*  
Supervised continuity of care for and counseled patients with chronic diseases. Led quality improvement initiative to reduce lab errors.

### Other

2008 – 2011 **ReadySetLaunch, Inc.,** Director of Communications, Executive and Founding Board Member, *New Haven, CT*  
Led design/implementation of improved mentoring practices delivering college application support for underprivileged students. Developed partnerships with Fortune 100 companies, raising over \$75,000.

### **Teaching**

2013 – 2016 **Physical Diagnosis Tutor,** Vanderbilt University School of Medicine

2013 – 2014 **“Microbes and Immunity” & “Brain, Behavior, and Movement” Tutor,** Vanderbilt University School of Medicine

2012 **HackYale,** Instructor, *New Haven, CT*  
Taught interactive courses on web development for over 60 students.

### **Extramural Courses**

2019 Stanford Biodesign for Innovation  
Bay Area Head & Neck Dissection Course

2018 Bay Area Resident Endoscopic Rhinology Course  
Bay Area Head & Neck Dissection Course  
Stanford Nasal Plastic Surgery Course

2017 American Academy of Otolaryngic Allergy Basic Course  
ACS Thyroid, Parathyroid, and Neck Ultrasound Course  
Bay Area Resident Endoscopic Rhinology Course  
Stanford Advanced Airway Course

Stanford Head & Neck Dissection Course  
Stanford Nasal Plastic Surgery Course  
“Leading Value Improvement in Health Care Delivery” (*Stanford University School of Medicine*)

**Organizations** American Academy of Otolaryngic Allergy  
American Academy of Otolaryngology–Head & Neck Surgery  
American College of Surgeons  
American Medical Association  
American Medical Informatics Association