

# Stanford

---



## Jason Hom

Clinical Associate Professor, Medicine

### CLINICAL OFFICES

- **Hospitalist for Stanford Medical Center**

500 Pasteur Dr

Stanford, CA 94305

Tel (650) 723-8287

Fax (650) 723-8596

### Bio

---

### CLINICAL FOCUS

- Internal Medicine

### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine

### ADMINISTRATIVE APPOINTMENTS

- Chair, SHC Health Information Management (HIM) Committee, Stanford Health Care, (2021- present)
- Medical Director, 300P B3 Inpatient Unit, Stanford Health Care, (2021- present)
- Course Director, Practice of Medicine Year 2, Stanford School of Medicine, (2019- present)
- Medical Director, 500P L6 Inpatient Unit, Stanford Health Care, (2019-2021)
- Committee Member, Stanford Hospital Health Information Management (HIM) Committee, Stanford Health Care, (2018-2021)
- Co-Chair, CDI Steering Committee, Stanford Health Care, (2018- present)
- Medical Director, Quality Documentation and Outcomes Integrity, Stanford Health Care, (2018- present)
- Liaison, Division of Hospital Medicine, Stanford Center for Digital Health, (2018- present)
- Co-Director, Stanford School of Medicine, Practice of Medicine, Quarter VI, (2017-2020)
- Co-Course Director, Stanford School of Medicine, SHIELD Program, (2017-2019)
- Research Lead, Division of Hospital Medicine, University Hospitalist Group, (2016-2020)
- Clinical Team Member, Stanford Center for Undiagnosed Diseases, (2015- present)
- Hospitalist, Division of General Medical Disciplines, (2014- present)
- Faculty Mentor, Stanford Internal Medicine Residency Core Faculty Program, (2014-2019)
- Chief Resident, Stanford Internal Medicine Residency Program, (2013-2014)

### HONORS AND AWARDS

- DEI Scholarship Awardee, SGIM, CA-HI Region (2023)

- Excellence in our Workplace Award, SHC Medical Staff (2023)
- Malinda Mitchell Quality Award (Co-Recipient), Stanford Health Care (2023)
- Teaching Advancement Grant, Awardee, Center for Teaching and Learning, Stanford University (2023)
- Finalist, Clinical Vignettes Competition, ACP National Meeting (2017)
- 1st Place Presentation in the Clinical Vignettes Competition, ACP National Meeting (2016)
- Henry J. Kaiser Family Foundation Award for Excellence in Clinical Teaching, Stanford University School of Medicine (2016)
- Rathmann Family Foundation Medical Education Fellow, Stanford (2015-2016)
- General Medical Disciplines - Division Teaching Award, Stanford Department of Medicine (2015)
- Philips CT NetForum Publication of the Year - Finalist, UCSF Neurocardiovascular Imaging Laboratory (2009)
- Research Fellow, Doris Duke Clinical Foundation (2008-2009)
- Medical Education Excellence Award, American Medical Student Association (2006)
- Summer Research Fellow, American Heart Association (2006)
- Member, Phi Beta Kappa (2005)
- The Dean's Award for Academic Accomplishment, Stanford University (2005)
- Summer Research Fellow, Howard Hughes Medical Institute (2004)
- Donald Kennedy Public Service Fellow, Stanford Haas Center for Public Service (2003)
- Outstanding Service Award, Department of Veterans Affairs Central Office (2003)

## PROFESSIONAL EDUCATION

- Board Certification: Internal Medicine, American Board of Internal Medicine
- Board Certification: Internal Medicine, American Board of Internal Medicine (2013)
- Residency: Stanford University Internal Medicine Residency (2013) CA
- Medical Education: University of California at San Francisco School of Medicine (2010) CA
- MD, University of California, San Francisco School of Medicine , MD with Certificate in Biomedical Research (2010)
- BS with Distinction, Stanford University , Major in Biological Sciences, Minor in Philosophy (2005)

## Research & Scholarship

---

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Since 2005, I have worked on a variety of clinical and translational imaging research projects, under the mentorship of Dr. Max Wintermark.

Since 2012, I have worked on a variety of multi-disciplinary high value care research projects, with a focus on studying interventions related to provider education and clinical decision support systems. As technology has progressed, I have examined a spectrum of interventions, ranging from static guideline-based best practice alerts to more advanced AI-based systems.

Since 2015, I have been a clinical team member for The Stanford Center for Undiagnosed Diseases ([undiagnosed.stanford.edu](http://undiagnosed.stanford.edu) - PIs Dr. Euan Ashley, Dr. Matt Wheeler, Dr. Jon Bernstein & Dr. Paul Fisher).

## Teaching

---

### COURSES

2023-24

- Practice of Medicine IV-A: INDE 204A (Aut)
- Practice of Medicine IV-B: INDE 204B (Aut)
- Practice of Medicine V: INDE 205A (Win)
- Practice of Medicine V: INDE 205B (Win)
- Stanford Health Consulting Group - Core: MED 279 (Aut, Win, Spr)
- Stanford Health Consulting Group- Leadership: MED 278 (Aut, Win, Spr)

#### 2022-23

- Practice of Medicine IV-A: INDE 204A (Aut)
- Practice of Medicine IV-B: INDE 204B (Aut)
- Practice of Medicine V: INDE 205A (Win)
- Practice of Medicine V: INDE 205B (Win)
- Stanford Health Consulting Group - Core: MED 279 (Aut, Win, Spr)
- Stanford Health Consulting Group- Leadership: MED 278 (Aut, Win, Spr)

#### 2021-22

- Practice of Medicine IV-A: INDE 204A (Aut)
- Practice of Medicine IV-B: INDE 204B (Aut)
- Practice of Medicine V: INDE 205A (Win)
- Practice of Medicine V: INDE 205B (Win)
- Stanford Health Consulting Group - Core: MED 279 (Aut, Win, Spr)
- Stanford Health Consulting Group- Leadership: MED 278 (Aut, Win, Spr)

#### 2020-21

- Practice of Medicine IV-A: INDE 204A (Aut)
- Practice of Medicine IV-B: INDE 204B (Aut)
- Practice of Medicine V: INDE 205A (Win)
- Practice of Medicine V: INDE 205B (Win)
- Practice of Medicine VI: INDE 206 (Spr)
- Stanford Health Consulting Group - Core: MED 279 (Aut, Win, Spr)
- Stanford Health Consulting Group- Leadership: MED 278 (Aut, Win, Spr)

## Publications

---

### PUBLICATIONS

- **Clinical Text Summarization: Adapting Large Language Models Can Outperform Human Experts.** *Research square*  
Veen, D. V., Uden, C. V., Blankemeier, L., Delbrouck, J. B., Aali, A., Bluethgen, C., Pareek, A., Polacin, M., Reis, E. P., Seehofnerova, A., Rohatgi, N., Hosamani, P., Collins, et al  
2023
- **Genomics Research with Undiagnosed Children: Ethical Challenges at the Boundaries of Research and Clinical Care** *JOURNAL OF PEDIATRICS*  
Halley, M. C., Young, J. L., Tang, C., Mintz, K. T., Lucas-Griffin, S., Maghiro, A., Ashley, E. A., Tabor, H. K., Undiagnosed Diseases Network  
2023; 261
- **Chatbot vs Medical Student Performance on Free-Response Clinical Reasoning Examinations.** *JAMA internal medicine*  
Strong, E., DiGiammarino, A., Weng, Y., Kumar, A., Hosamani, P., Hom, J., Chen, J. H.  
2023

- **TRAINING WITH INTERPRETERS AND LIMITED-ENGLISH PROFICIENCY PATIENTS IS VALUABLE TO DEVELOPING MEDICAL AND PHYSICIAN ASSISTANT STUDENTS' COMMUNICATION SKILLS**  
Nguyen, Q. Q., Flora, J. L., Chi, J., Hom, J., Kugler, J., Bryant, M., Hosamani, P., Westphal, J., Basaviah, P., DiGiammarino, A. A., Parker, J.  
SPRINGER.2023: S785
- **Participation in a national diagnostic research study: assessing the patient experience.** *Orphanet journal of rare diseases*  
Rosenfeld, L. E., LeBlanc, K., Nagy, A., Ego, B. K., Undiagnosed Diseases Network, McCray, A. T., Acosta, M. T., Adam, M., Adams, D. R., Alvarez, R. L., Alvey, J., Amendola, L., Andrews, A., et al  
2023; 18 (1): 73
- **Performance of ChatGPT on free-response, clinical reasoning exams.** *medRxiv : the preprint server for health sciences*  
Strong, E., DiGiammarino, A., Weng, Y., Basaviah, P., Hosamani, P., Kumar, A., Nevins, A., Kugler, J., Hom, J., Chen, J. H.  
2023
- **Exploring Fraud, Waste and Abuse within Telehealth**  
Shah, N., Hom, J., Ahuja, N., Hernandez-Broussard, T.  
Centers for Medicare & Medicaid Services..  
2023
- **A concurrent dual analysis of genomic data augments diagnoses: experiences of two clinical sites in the Undiagnosed Diseases Network.** *Genetics in medicine : official journal of the American College of Medical Genetics*  
Spillmann, R. C., Tan, Q. K., Reuter, C., Schoch, K., Kohler, J., Bonner, D., Zastrow, D., Alkelai, A., Baugh, E., Cope, H., Marwaha, S., Wheeler, M. T., Bernstein, et al  
2022
- **Association between Obesity and Length of COVID-19 Hospitalization: Unexpected Insights from the American Heart Association National COVID-19 Registry.** *Journal of obesity & metabolic syndrome*  
Collins, W. J., Chang, A. Y., Weng, Y., Dahlen, A., O'Brien, C. G., Hom, J., Ahuja, N., Rodriguez, F., Rohatgi, N.  
2022
- **Detailed characterization of hospitalized patients infected with the Omicron variant of SARS-CoV-2.** *Journal of internal medicine*  
Ozdalga, E., Ahuja, N., Sehgal, N., Hom, J., Weng, Y., Pinsky, B., Schulman, K. A., Collins, W.  
2022
- **Fraud, Waste and Abuse in the Context of COVID-19.**  
Dries, A., Ahuja, N., Hom, J., Hernandez-Boussard, T.  
Centers for Medicare & Medicaid Services.  
2022
- **Corrigendum to eP296-The yield of thorough record review in the Undiagnosed Diseases Network, Volume 132, Supplement 1, April 2021, Page S187,** [https://doi.org/10.1016/S1096-7192\(21\)00378-4](https://doi.org/10.1016/S1096-7192(21)00378-4). *Molecular genetics and metabolism*  
Findley, L., Mulvihill, J. J., Bentley, A., Bernstein, J. A., Bican, A., Botto, L., Briere, L., Butte, M. J., Cope, H., Fogel, B. L., Hom, J., Kravets, E., Mak, et al  
2021
- **Genetic counselor roles in the undiagnosed diseases network research study: Clinical care, collaboration, and curation.** *Journal of genetic counseling*  
Kohler, J. N., Kelley, E. G., Boyd, B. M., Sillari, C. H., Marwaha, S., Undiagnosed Diseases Network, Wheeler, M. T., Acosta, M. T., Adam, M., Adams, D. R., Agrawal, P. B., Alejandro, M. E., Alvey, J., et al  
2021
- **A randomized study of a best practice alert for platelet transfusions.** *Vox sanguinis*  
Murphy, C., Mou, E., Pang, E., Shieh, L., Hom, J., Shah, N.  
2021
- **A resource of lipidomics and metabolomics data from individuals with undiagnosed diseases** *SCIENTIFIC DATA*  
Kyle, J. E., Stratton, K. G., Zink, E. M., Kim, Y., Bloodsworth, K. J., Monroe, M. E., Bacino, C. A., Bacino, C. A., Hanchard, N. A., Lewis, R. A., Rosenfeld, J. A., Scott, D. A., Tran, et al  
2021; 8 (1): 114
- **The yield of thorough record review in the Undiagnosed Diseases Network**  
Findley, L., Rosenfeld, J., Spillman, R., Cope, H., Schoch, K., Briere, L., Bernstein, J., Hom, J., Ruzhnikov, M., Kravets, E., Botto, L., Bentley, A., Newman, et al

ACADEMIC PRESS INC ELSEVIER SCIENCE.2021: S187

- **Commonalities across computational workflows for uncovering explanatory variants in undiagnosed cases.** *Genetics in medicine : official journal of the American College of Medical Genetics*  
Kobren, S. N., Baldrige, D., Velinder, M., Krier, J. B., LeBlanc, K., Esteves, C., Pusey, B. N., Zuchner, S., Blue, E., Lee, H., Huang, A., Bastarache, L., Bican, et al  
2021
- **Student engagement in the online classroom: comparing preclinical medical student question-asking behaviors in a videoconference versus in-person learning environment.** *FASEB bioAdvances*  
Caton, J. B., Chung, S., Adeniji, N., Hom, J., Brar, K., Gallant, A., Bryant, M., Hain, A., Basaviah, P., Hosamani, P.  
2021; 3 (2): 110–17
- **Effect of electronic clinical decision support on inappropriate prescriptions in older adults.** *Journal of the American Geriatrics Society*  
Singhal, S., Krishnamurthy, A., Wang, B., Weng, Y., Sharp, C., Shah, N., Ahuja, N., Hosamani, P., Periyakoil, V. S., Hom, J.  
2021
- **OrderRex clinical user testing: a randomized trial of recommender system decision support on simulated cases.** *Journal of the American Medical Informatics Association : JAMIA*  
Kumar, A., Aikens, R. C., Hom, J., Shieh, L., Chiang, J., Morales, D., Saini, D., Musen, M., Baiocchi, M., Altman, R., Goldstein, M. K., Asch, S., Chen, et al  
2020
- **Carotid plaque imaging and the risk of atherosclerotic cardiovascular disease.** *Cardiovascular diagnosis and therapy*  
Zhu, G., Hom, J., Li, Y., Jiang, B., Rodriguez, F., Fleischmann, D., Saloner, D., Porcu, M., Zhang, Y., Saba, L., Wintermark, M.  
2020; 10 (4): 1048-1067
- **Carotid plaque imaging and the risk of atherosclerotic cardiovascular disease** *CARDIOVASCULAR DIAGNOSIS AND THERAPY*  
Zhu, G., Hom, J., Li, Y., Jiang, B., Rodriguez, F., Fleischmann, D., Saloner, D., Porcu, M., Zhang, Y., Saba, L., Wintermark, M.  
2020; 10 (4): 1048–67
- **Assessment of the Radiology Support, Communication and Alignment Network to Reduce Medical Imaging Overutilization: A Multipractice Cohort Study.** *Journal of the American College of Radiology : JACR*  
Rezaei, P. G., Fredericks, N., Lincoln, C. M., Hom, J., Willis, M., Burleson, J., Haines, G. R., Chatfield, M., Boothroyd, D., Ding, V. Y., Bello, J. A., McGinty, G. B., Smith, et al  
2020; 17 (5): 597–605
- **Everything Every Radiologist Always Wanted (and Needs) to Know About Clinical Decision Support.** *Journal of the American College of Radiology : JACR*  
Wintermark, M., Willis, M. H., Hom, J., Franceschi, A. M., Fotos, J. S., Mosher, T., Cruciata, G., Reuss, T., Horton, R., Fredericks, N., Burleson, J., Haines, B., Bruno, et al  
2020; 17 (5): 568–73
- **A minimalist electronic health record-based intervention to reduce standing lab utilisation.** *Postgraduate medical journal*  
Chin, K., Krishnamurthy, A., Zubair, T., Ramaswamy, T., Hom, J., Maggio, P., Shieh, L.  
2020
- **Portable Ultrasound Device Usage and Learning Outcomes Among Internal Medicine Trainees: A Parallel-Group Randomized Trial.** *Journal of hospital medicine*  
Kumar, A., Weng, Y., Wang, L., Bentley, J., Almli, M., Hom, J., Witteles, R., Ahuja, N., Kugler, J.  
2020; 15 (2): e1–e6
- **Clinical sites of the Undiagnosed Diseases Network: unique contributions to genomic medicine and science.** *Genetics in medicine : official journal of the American College of Medical Genetics*  
Schoch, K. n., Esteves, C. n., Bican, A. n., Spillmann, R. n., Cope, H. n., McConkie-Rosell, A. n., Walley, N. n., Fernandez, L. n., Kohler, J. N., Bonner, D. n., Reuter, C. n., Stong, N. n., Mulvihill, et al  
2020
- **Physician Usage and Acceptance of a Machine Learning Recommender System for Simulated Clinical Order Entry.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*  
Chiang, J., Kumar, A., Morales, D., Saini, D., Hom, J., Shieh, L., Musen, M., Goldstein, M. K., Chen, J. H.  
2020; 2020: 89–97

- **Characteristics and Financial Impact of Potentially Inappropriate Platelet Transfusion in the Inpatient Hospital Setting**  
Mou, E., Murphy, C., Hom, J., Shieh, L., Shah, N.  
AMER SOC HEMATOLOGY.2019
- **Carotid Artery Imaging Is More Strongly Associated With the 10-Year Atherosclerotic Cardiovascular Disease Score Than Coronary Artery Imaging.** *Journal of computer assisted tomography*  
Li, Y., Zhu, G., Ding, V., Jiang, B., Boothroyd, D., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Saba, L., Hom, J., Wintermark, M.  
2019; 43 (5): 679–85
- **Effect of Electronic Clinical Decision Support on 25(OH) Vitamin D Testing** *JOURNAL OF GENERAL INTERNAL MEDICINE*  
Chin, K., Hom, J., Tan, M., Sharp, C., Wang, S., Chen, Y., Chen, D.  
2019; 34 (9): 1697–99
- **Extracutaneous manifestations in phacomatosis cesioflammea and cesiomarmorata: Case series and literature review** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*  
Kumar, A., Zastrow, D. B., Kravets, E. J., Belefond, D., Ruzhnikov, M. Z., Grove, M. E., Dries, A. M., Kohler, J. N., Waggott, D. M., Yang, Y., Huang, Y., Mackenzie, K. M., Eng, et al  
2019; 179 (6): 966–77
- **Developing a genomics rotation: Practical training around variant interpretation for genetic counseling students** *JOURNAL OF GENETIC COUNSELING*  
Grove, M. E., White, S., Fisk, D. G., Rego, S., Dagan-Rosenfeld, O., Kohler, J. N., Reuter, C. M., Bonner, D., Wheeler, M. T., Bernstein, J. A., Ormond, K. E., Hanson-Kahn, A. K., Undiagnosed Dis Network  
2019; 28 (2): 466–76
- **A toolkit for genetics providers in follow-up of patients with non-diagnostic exome sequencing** *JOURNAL OF GENETIC COUNSELING*  
Zastrow, D. B., Kohler, J. N., Bonner, D., Reuter, C. M., Fernandez, L., Grove, M. E., Fisk, D. G., Yang, Y., Eng, C. M., Ward, P. A., Bick, D., Worthey, E. A., Fisher, et al  
2019; 28 (2): 213–28
- **Characterizing electronic health record usage patterns of inpatient medicine residents using event log data** *PLOS ONE*  
Wang, J. K., Ouyang, D., Hom, J., Chi, J., Chen, J. H.  
2019; 14 (2)
- **Characteristics and Financial Impact of Potentially Inappropriate Platelet Transfusion in the Inpatient Hospital Setting.**  
Mou, E., Murphy, C., Hom, J., Shieh, L., Shah, N.  
2019
- **An Electronic Best Practice Alert Based on Choosing Wisely Guidelines Reduces Thrombophilia Testing in the Outpatient Setting** *JOURNAL OF GENERAL INTERNAL MEDICINE*  
Jun, T., Kwang, H., Mou, E., Berube, C., Bentley, J., Shieh, L., Hom, J.  
2019; 34 (1): 29-30
- **Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings** *JOURNAL OF NEUROIMAGING*  
Li, Y., Zhu, G., Ding, V., Huang, Y., Jiang, B., Ball, R. L., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Saba, L., Hom, J., Wintermark, et al  
2019; 29 (1): 119–25
- **Thrombophilia testing in the inpatient setting: impact of an educational intervention.** *BMC medical informatics and decision making*  
Kwang, H. n., Mou, E. n., Richman, I. n., Kumar, A. n., Berube, C. n., Kaimal, R. n., Ahuja, N. n., Harman, S. n., Johnson, T. n., Shah, N. n., Witteles, R. n., Harrington, R. n., Shieh, et al  
2019; 19 (1): 167
- **Genomics in medicine: a novel elective rotation for internal medicine residents.** *Postgraduate medical journal*  
Geng, L. N., Kohler, J. N., Levonian, P. n., Bernstein, J. A., Ford, J. M., Ahuja, N. n., Witteles, R. n., Hom, J. n., Wheeler, M. n.  
2019
- **Effect of Electronic Clinical Decision Support on Imaging for the Evaluation of Acute Low Back Pain in the Ambulatory Care Setting.** *World neurosurgery*  
Chen, D. n., Bhambhani, H. P., Hom, J. n., Mahoney, M. n., Wintermark, M. n., Sharp, C. n., Ratliff, J. n., Chen, Y. R.  
2019

- **A Patient with Sjogren's Syndrome and Subsequent Diagnosis of Inclusion Body Myositis and Light-Chain Amyloidosis.** *Journal of general internal medicine*  
Hom, J. n., Marwaha, S. n., Postolova, A. n., Kittle, J. n., Vasquez, R. n., Davidson, J. n., Kohler, J. n., Dries, A. n., Fernandez-Betancourt, L. n., Majcherska, M. n., Dearlove, J. n., Raghavan, S. n., Vogel, et al  
2019
- **Characterizing electronic health record usage patterns of inpatient medicine residents using event log data.** *PloS one*  
Wang, J. K., Ouyang, D. n., Hom, J. n., Chi, J. n., Chen, J. H.  
2019; 14 (2): e0205379
- **Effect of Electronic Clinical Decision Support on 25(OH) Vitamin D Testing.** *Journal of general internal medicine*  
Chin, K. K., Hom, J. n., Tan, M. n., Sharp, C. n., Wang, S. n., Chen, Y. R., Chen, D. n.  
2019
- **Semiautomated Characterization of Carotid Artery Plaque Features From Computed Tomography Angiography to Predict Atherosclerotic Cardiovascular Disease Risk Score.** *Journal of computer assisted tomography*  
Zhu, G. n., Li, Y. n., Ding, V. n., Jiang, B. n., Ball, R. L., Rodriguez, F. n., Fleischmann, D. n., Desai, M. n., Saloner, D. n., Gupta, A. n., Saba, L. n., Hom, J. n., Wintermark, et al  
2019
- **Identification of rare-disease genes using blood transcriptome sequencing and large control cohorts.** *Nature medicine*  
Frésard, L. n., Smail, C. n., Ferraro, N. M., Teran, N. A., Li, X. n., Smith, K. S., Bonner, D. n., Kernohan, K. D., Marwaha, S. n., Zappala, Z. n., Balliu, B. n., Davis, J. R., Liu, et al  
2019
- **Comparison of Outcomes for Adult Inpatients With Sickle Cell Disease Cared for by Hospitalists Versus Hematologists.** *American journal of medical quality : the official journal of the American College of Medical Quality*  
Slade, J. n., Rohatgi, N. n., Weng, Y. n., Hom, J. n., Ahuja, N. n.  
2019: 1062860619892060
- **Prevalence and Predictability of Low-Yield Inpatient Laboratory Diagnostic Tests.** *JAMA network open*  
Xu, S. n., Hom, J. n., Balasubramanian, S. n., Schroeder, L. F., Najafi, N. n., Roy, S. n., Chen, J. H.  
2019; 2 (9): e1910967
- **Association model data learned from clinicians stratified by patient mortality outcomes at a Tertiary Academic Center.** *Data in brief*  
Wang, J. K., Hom, J., Balasubramanian, S., Chen, J. H.  
2018; 21: 1669–73
- **Association model data learned from clinicians stratified by patient mortality outcomes at a Tertiary Academic Center** *DATA IN BRIEF*  
Wang, J. K., Hom, J., Balasubramanian, S., Chen, J. H.  
2018; 21: 1669–73
- **Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease** *NEW ENGLAND JOURNAL OF MEDICINE*  
Splinter, K., Adams, D. R., Bacino, C. A., Bellen, H. J., Bernstein, J. A., Cheate-Jarvela, A. M., Eng, C. M., Esteves, C., Gahl, W. A., Hamid, R., Jacob, H. J., Kikani, B., Koeller, et al  
2018; 379 (22): 2131–39
- **Assessing the Relationship Between American Heart Association Atherosclerotic Cardiovascular Disease Risk Score and Coronary Artery Imaging Findings** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*  
Li, Y., Zhu, G., Ding, V., Jiang, B., Ball, R. L., Ahuja, N., Rodriguez, F., Fleischmann, D., Desai, M., Saloner, D., Saba, L., Wintermark, M., Hom, et al  
2018; 42 (6): 898–905
- **Reducing Telemetry Use Is Safe: A Retrospective Analysis of Rapid Response Team and Code Events After a Successful Intervention to Reduce Telemetry Use.** *American journal of medical quality : the official journal of the American College of Medical Quality*  
Xie, L., Garg, T., Svec, D., Hom, J., Kaimal, R., Ahuja, N., Barnes, J., Shieh, L.  
2018: 1062860618805189
- **An evaluation of clinical order patterns machine-learned from clinician cohorts stratified by patient mortality outcomes** *JOURNAL OF BIOMEDICAL INFORMATICS*  
Wang, J. K., Hom, J., Balasubramanian, S., Schuler, A., Shah, N. H., Goldstein, M. K., Baiocchi, M. M., Chen, J. H.  
2018; 86: 109–19

- **An Electronic Best Practice Alert Based on Choosing Wisely Guidelines Reduces Thrombophilia Testing in the Outpatient Setting.** *Journal of general internal medicine*  
Jun, T., Kwang, H., Mou, E., Berube, C., Bentley, J., Shieh, L., Hom, J.  
2018
- **An Evaluation of Clinical Order Patterns Machine-Learned from Clinician Cohorts Stratified by Patient Mortality Outcomes.** *Journal of biomedical informatics*  
Wang, J. K., Hom, J., Balasubramanian, S., Schuler, A., Shah, N. H., Goldstein, M. K., Baiocchi, M. T., Chen, J. H.  
2018
- **Lean-Based Redesign of Multidisciplinary Rounds on General Medicine Service** *JOURNAL OF HOSPITAL MEDICINE*  
Kane, M., Rohatgi, N., Heidenreich, P. A., Thakur, A., Winget, M., Shum, K., Hereford, J., Shieh, L., Lew, T., Hom, J., Chi, J., Weinacker, A., Seay-Morrison, et al  
2018; 13 (7): 482–85
- **Lean-Based Redesign of Multidisciplinary Rounds on General Medicine Service.** *Journal of hospital medicine*  
Kane, M. n., Rohatgi, N. n., Heidenreich, P. n., Thakur, A. n., Winget, M. n., Shum, K. n., Hereford, J. n., Shieh, L. n., Lew, T. n., Horn, J. n., Chi, J. n., Weinacker, A. n., Seay-Morrison, et al  
2018
- **Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease.** *The New England journal of medicine*  
Splinter, K. n., Adams, D. R., Bacino, C. A., Bellen, H. J., Bernstein, J. A., Cheattle-Jarvela, A. M., Eng, C. M., Esteves, C. n., Gahl, W. A., Hamid, R. n., Jacob, H. J., Kikani, B. n., Koeller, et al  
2018
- **Assessing the Relationship Between American Heart Association Atherosclerotic Cardiovascular Disease Risk Score and Coronary Artery Imaging Findings.** *Journal of computer assisted tomography*  
Li, Y. n., Zhu, G. n., Ding, V. n., Jiang, B. n., Ball, R. L., Ahuja, N. n., Rodriguez, F. n., Fleischmann, D. n., Desai, M. n., Saloner, D. n., Saba, L. n., Wintermark, M. n., Hom, et al  
2018
- **Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings.** *Journal of neuroimaging : official journal of the American Society of Neuroimaging*  
Li, Y. n., Zhu, G. n., Ding, V. n., Huang, Y. n., Jiang, B. n., Ball, R. L., Rodriguez, F. n., Fleischmann, D. n., Desai, M. n., Saloner, D. n., Saba, L. n., Hom, J. n., Wintermark, et al  
2018
- **Predicting Low Information Laboratory Diagnostic Tests.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*  
Roy, S. K., Hom, J. n., Mackey, L. n., Shah, N. n., Chen, J. H.  
2018; 2017: 217–26
- **A high value care curriculum for interns: a description of curricular design, implementation and housestaff feedback** *POSTGRADUATE MEDICAL JOURNAL*  
Hom, J., Kumar, A., Evans, K. H., Svec, D., Richman, I., Fang, D., Smeraglio, A., Holubar, M., Johnson, T., Shah, N., Renault, C., Ahuja, N., Witteles, et al  
2017; 93 (1106): 725–29
- **A high value care curriculum for interns: a description of curricular design, implementation and housestaff feedback.** *Postgraduate medical journal*  
Hom, J. n., Kumar, A. n., Evans, K. H., Svec, D. n., Richman, I. n., Fang, D. n., Smeraglio, A. n., Holubar, M. n., Johnson, T. n., Shah, N. n., Renault, C. n., Ahuja, N. n., Witteles, et al  
2017
- **Using Electronic Best Practice Alerts to Improve Thrombophilia Testing Based on ASH Choosing Wisely Guidelines.** *Blood*  
Jun, T., Kwang, H., Mou, E., Berube, C., Shah, N., Kaimal, R., Bentley, J., Ahuja, N., Shieh, L., Hom, J.  
2017; 130 (3355)
- **Magnitude of Potentially Inappropriate Thrombophilia Testing in the Inpatient Hospital Setting.** *Journal of hospital medicine*  
Mou, E. n., Kwang, H. n., Hom, J. n., Shieh, L. n., Kumar, A. n., Richman, I. n., Berube, C. n.  
2017; 12 (9): 735–38
- **Prevalence and Financial Impact of Inappropriate Thrombophilia Testing in the Inpatient Hospital Setting: A Retrospective Analysis**  
Mou, E., Kwang, H., Hom, J., Shieh, L., Ahuja, N., Harman, S., Johnson, T., Kumar, A., Shah, N., Witteles, R., Berube, C.



AMER SOC HEMATOLOGY.2016

- **The State of Medical Student Performance Evaluations: Improved Transparency or Continued Obfuscation?** *Academic medicine*  
Hom, J., Richman, I., Hall, P., Ahuja, N., Harman, S., Harrington, R., Witteles, R.  
2016; 91 (11): 1534-1539
- **The State of Medical Student Performance Evaluations: Improved Transparency or Continued Obfuscation?** *ACADEMIC MEDICINE*  
Hom, J., Richman, I., Hall, P., Ahuja, N., Harman, S., Harrington, R., Witteles, R.  
2016; 91 (11): 1534-39
- **R-SCAN: Imaging for Low Back Pain.** *Journal of the American College of Radiology*  
Hom, J., Smith, C. D., Ahuja, N., Wintermark, M.  
2016; 13 (11): 1385-1386 e1
- **R-SCAN: Imaging for Uncomplicated Acute Rhinosinusitis.** *Journal of the American College of Radiology*  
Kroll, H., Hom, J., Ahuja, N., Smith, C. D., Wintermark, M.  
2016
- **Patient Outcomes when Housestaff Exceed 80 Hours per Week.** *American journal of medicine*  
Ouyang, D., Chen, J. H., Krishnan, G., Hom, J., Witteles, R., Chi, J.  
2016; 129 (9): 993-999 e1
- **Effect of opioid prescribing guidelines in primary care.** *Medicine*  
Chen, J. H., Hom, J., Richman, I., Asch, S. M., Podchiyska, T., Johansen, N. A.  
2016; 95 (35)
- **Fulfilling outpatient medicine responsibilities during internal medicine residency: a quantitative study of housestaff participation with between visit tasks** *BMC MEDICAL EDUCATION*  
Hom, J., Richman, I., Chen, J. H., Singh, B., Crump, C., Chi, J.  
2016; 16
- **LOS OUTLIERS: A CHALLENGING PROBLEM FOR BOTH THE TEACHING AND PRIVATE NON-TEACHING GENERAL MEDICINE SERVICES AT STANFORD HOSPITAL**  
Ketchersid, J., Shieh, L., Ahuja, N. K., Chi, J., Hom, J.  
SPRINGER.2016: S294
- **Internal Medicine Resident Computer Usage: An Electronic Audit of an Inpatient Service.** *JAMA internal medicine*  
Ouyang, D., Chen, J. H., Hom, J., Chi, J.  
2016; 176 (2): 252-254
- **Prevalence and Financial Impact of Inappropriate Thrombophilia Testing in the Inpatient Hospital Setting: A Retrospective Analysis** *Blood*  
Mou, E., Kwang, H., Hom, J., Shieh, L., Ahuja, N., Harman, S., Johnson, T., Kumar, A., Shah, N., Witteles, R., Berube, C.  
2016; 128 (22 2230)
- **R-SCAN: Imaging for Headache.** *Journal of the American College of Radiology : JACR*  
Hom, J. n., Ahuja, N. n., Smith, C. D., Wintermark, M. n.  
2016; 13 (12 Pt A): 1534-35.e1
- **Hospitalist intervention for appropriate use of telemetry reduces length of stay and cost.** *Journal of hospital medicine*  
Svec, D., Ahuja, N., Evans, K. H., Hom, J., Garg, T., Loftus, P., Shieh, L.  
2015; 10 (9): 627-632
- **Hospitalist intervention for appropriate use of telemetry reduces length of stay and cost** *JOURNAL OF HOSPITAL MEDICINE*  
Svec, D., Ahuja, N., Evans, K. H., Hom, J., Garg, T., Loftus, P., Shieh, L.  
2015; 10 (9): 627-632
- **Leakage Effects.** *MR and CT Perfusion and Pharmacokinetic Imaging*  
Donahue, K., Hom, J., Boxerman, J., Bammer, R.  
Lippincott.2014
- **Hemorrhage** *MR and CT Perfusion and Pharmacokinetic Imaging*

Wijman, C., Kassner, A., Hom, J.  
Lippincott.2014

- **The electronic health record as a healthcare management strategy and implications for obstetrics and gynecologic practice.** *Current opinion in obstetrics & gynecology*  
Eisenberg, M., Hom, J., Sharp, C.  
2013; 25 (6): 476-481
- **Multiparametric MRI and CT Models of Infarct Core and Favorable Penumbra Imaging Patterns in Acute Ischemic Stroke** *STROKE*  
Kidwell, C. S., Wintermark, M., De Silva, D. A., Schaewe, T. J., Jahan, R., Starkman, S., Jovin, T., Hom, J., Jumaa, M., Schreier, J., Gornbein, J., Liebeskind, D. S., Alger, et al  
2013; 44 (1): 73-79
- **MRI Blood-Brain Barrier Permeability Measurements to Predict Hemorrhagic Transformation in a Rat Model of Ischemic Stroke** *TRANSLATIONAL STROKE RESEARCH*  
Hoffmann, A., Bredno, J., Wendland, M. F., Derugin, N., Hom, J., Schuster, T., Zimmer, C., Su, H., Ohara, P. T., Young, W. L., Wintermark, M.  
2012; 3 (4): 508-516
- **Delay correction for the assessment of blood-brain barrier permeability using first-pass dynamic perfusion CT.** *AJNR. American journal of neuroradiology*  
Schneider, T., Hom, J., Bredno, J., Dankbaar, J. W., Cheng, S., Wintermark, M.  
2011; 32 (7): E134-8
- **Dynamic perfusion-CT assessment of early changes in blood brain barrier permeability of acute ischaemic stroke patients** *JOURNAL OF NEURORADIOLOGY*  
Dankbaar, J. W., Hom, J., Schneider, T., Cheng, S., Bredno, J., LAU, B. C., van der Schaaf, I. C., Wintermark, M.  
2011; 38 (3): 161-166
- **Validation of In Vivo Magnetic Resonance Imaging Blood-Brain Barrier Permeability Measurements by Comparison With Gold Standard Histology** *STROKE*  
Hoffmann, A., Bredno, J., Wendland, M. F., Derugin, N., Hom, J., Schuster, T., Su, H., Ohara, P. T., Young, W. L., Wintermark, M.  
2011; 42 (7): 2054-2060
- **Stroke Imaging Research Road Map** *NEUROIMAGING CLINICS OF NORTH AMERICA*  
Leiva-Salinas, C., Hom, J., Warach, S., Wintermark, M.  
2011; 21 (2): 239-?
- **Blood-Brain Barrier Permeability Assessed by Perfusion CT Predicts Symptomatic Hemorrhagic Transformation and Malignant Edema in Acute Ischemic Stroke** *AMERICAN JOURNAL OF NEURORADIOLOGY*  
Hom, J., Dankbaar, J. W., Soares, B. P., Schneider, T., Cheng, S., Bredno, J., LAU, B. C., Smith, W., Dillon, W. P., Wintermark, M.  
2011; 32 (1): 41-48
- **Reperfusion Is a More Accurate Predictor of Follow-Up Infarct Volume Than Recanalization A Proof of Concept Using CT in Acute Ischemic Stroke Patients** *STROKE*  
Soares, B. P., Tong, E., Hom, J., Cheng, S., Bredno, J., Boussel, L., Smith, W. S., Wintermark, M.  
2010; 41 (1): E34-E40
- **Age- and anatomy-related values of blood-brain barrier permeability measured by perfusion-CT in non-stroke patients** *JOURNAL OF NEURORADIOLOGY*  
Dankbaar, J. W., Hom, J., Schneider, T., Cheng, S., LAU, B. C., van der Schaaf, I., Virmani, S., Pohlman, S., Wintermark, M.  
2009; 36 (4): 219-227
- **Optimal Duration of Acquisition for Dynamic Perfusion CT Assessment of Blood-Brain Barrier Permeability Using the Patlak Model** *AMERICAN JOURNAL OF NEURORADIOLOGY*  
Hom, J., Dankbaar, J. W., Schneider, T., Cheng, S., Bredno, J., Wintermark, M.  
2009; 30 (7): 1366-1370
- **Dynamic Perfusion CT Assessment of the Blood-Brain Barrier Permeability: First Pass versus Delayed Acquisition** *AMERICAN JOURNAL OF NEURORADIOLOGY*  
Dankbaar, J. W., Hom, J., Schneider, T., Cheng, S., LAU, B. C., van der Schaaf, I., Virmani, S., Pohlman, S., Dillon, W. P., Wintermark, M.  
2008; 29 (9): 1671-1676

- **Accuracy and Anatomical Coverage of Perfusion CT Assessment of the Blood-Brain Barrier Permeability: One Bolus versus Two Boluses** *CEREBROVASCULAR DISEASES*  
Dankbaar, J. W., Hom, J., Schneider, T., Cheng, S., Lau, B. C., van der Schaaf, I., Virmani, S., Pohlman, S., Dillon, W. P., Wintermark, M.  
2008; 26 (6): 600-605
- **Quantitative Assessment of the Impact of the Service-Learning Course “Mental Health and the Veteran Population: Case Study and Practicum” on Undergraduate Students.** *Stanford Undergraduate Research Journal*  
Hom J., Bahl M.  
2006; 5: 24-30
- **Service-Learning Courses at Stanford: How to Make a Good Thing Even Better.** *Public Service Education at Stanford: The Haas Center's First Twenty Years*  
Hom, J.  
Stanford University Press.2005

## PRESENTATIONS

- Addressing Chronic Hepatitis B in the Asian Pacific Islander Community: A student-designed, community-based, multi-disciplinary preclinical curriculum. - 2006 American Medical Student Association Meeting
- Dynamic Perfusion-CT Assessment of Blood-Brain Barrier Permeability in Acute Stroke Patients - American Society of Neuroradiology
- Dynamic Perfusion-CT Assessment of Blood-Brain Barrier Permeability Distinguishes Between Infarct and Penumbra in Acute Stroke Patients. - American Heart Association International Stroke Conference
- Optimal Duration of Acquisition for Dynamic Perfusion-CT Assessment of Blood-Brain Barrier Permeability Using the Patlak Model. - Bay Area Clinical Research Symposium
- When Words Matter: Tools for Difficult Conversations. - APDIM (2013)
- Septic Emboli in the Setting of Septic Thrombophlebitis, Tricuspid Endocarditis and an Infected ICD. - ACP Northern California Chapter Meeting (2013)
- Tapping into the Diagnosis: Aseptic Meningitis Secondary to Intravenous Immunoglobulin Therapy in Dermatomyositis. - ACP Northern California Chapter Meeting (2013)
- An Unusual Case of Diffuse Alveolar Hemorrhage and Hemophagocytic Lymphohistiocytosis in a Lupus Patient. - ACP Northern California Chapter Meeting (2014)
- Addressing the Challenge of Chronic Non-Cancer Pain & Opioid Use: A Quantitative Analysis of Outcomes Following Implementation of New Guidelines at Stanford - SGIM Regional Meeting (2015)
- A New Curriculum & Associated Research Study About Teaching High Value Care to Interns. - SGIM Regional Meeting (2015)
- American College of Radiology Appropriateness Criteria/Choosing Wisely Podcast Regarding Imaging for Low Back Pain. - ACR (2015)
- Atraumatic splenic rupture presenting as chest pain during hemodialysis. - SGIM Regional Meeting (2015)
- Upper GI Bleed Secondary to Esophageal Varices in the Absence of Liver Cirrhosis. - ACP Regional Meeting 2015.
- Pancytopenia with Severe Neutropenia Associated with Acetaminophen Overdose. - ACP Regional Meeting 2015.
- Microscopic Polyangiitis and Renal Hemorrhage: Related, But Not By Blood. - ACP Regional Meeting 2015.
- LOS Outliers: A Challenging Problem for Both the Teaching and Private Non-Teaching General Medicine Services at Stanford Hospital. - ACP Regional Meeting 2015.
- Multiple myeloma with systemic AL amyloidosis presenting as intractable diarrhea and severe orthostasis. - ACP Regional Meeting 2015.
- Sustainability of a Hospitalist Led Intervention to Reduce Length of Stay on Telemetry - 2016 Society of Hospital Medicine National Meeting.
- LOS Outliers: A Challenging Problem for Both the Teaching and Private Non-Teaching General Medicine Services at Stanford Hospital. - 2016 SGIM National Meeting.
- Hospitalist-led Intervention to Reduce Length of Stay on Telemetry. - Lean Healthcare Academic Conference
- Prevalence and Financial Impact of Inappropriate Thrombophilia Testing in the Inpatient Hospital Setting: A Retrospective Analysis. - American Society of Hematology.
- Newly Diagnosed SLE presenting with refractory cytopenias and heart failure. - ACP Northern California Meeting 2016
- Hyponatremia due to SIADH from Undiagnosed Adrenal insufficiency. - ACP Northern California Meeting 2016
- A randomized controlled trial of a patient-centered intervention to reduce unnecessary dual-energy x-ray absorptiometry (DEXA) screening in younger and lower-risk patients. - ACP Northern California

- Sjogren's syndrome associated with inflammatory myopathy with mitochondrial pathology and AL amyloidosis. - ACP Northern California Meeting 2016
- An Intervention to Reduce Telemetry Use at an Academic Center and Its Impact on Rapid Response Team and Code Events. - ACP Northern California Meeting 2016.
- DRESS Syndrome in a Patient with Refractory Seizure of Unknown Origin. - ACP National Meeting 2017
- Thrombophilia Testing in the Inpatient Setting: An Educational Intervention. - Society of Hospital Medicine National Meeting 2017
- Training with interpreters and limited-English proficiency patients is valuable to developing medical and physician assistant students' communication skills. - Society of General Internal Medicine 2023 National Meeting
- Prevalence of Sarcopenia and Obesity: Underdiagnosis in the Electronic Health Record Compared to Automated CT Analysis in 17,000 Patients - RSNA 2023