



Jason Hom

Clinical Professor, Medicine

CLINICAL OFFICE (PRIMARY)

- **Hospitalist for Stanford Medical Center**

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Bio

CLINICAL FOCUS

- Internal Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine

ADMINISTRATIVE APPOINTMENTS

- Chief, Division of Hospital Medicine, (2026- present)
- Interim Co-Chief, Division of Hospital Medicine, (2024-2026)
- 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, (2018-2020)
- 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

- Malinda Mitchell Quality Award (Co-Recipient), Stanford Health Care (2025)
- Awardee (Co-Recipient), Integrated Strategic Plan Star Award, Stanford School of Medicine/Stanford Health Care (2024)
- Silver Award (Co-Recipient), American Roentgen Ray Society, National Meeting Scientific Program (2024)
- Winner (Co-Recipient), Innovation Award (Opportunistic Imaging), Stanford Medicine Center for Improvement QI Symposium Competition (2024)
- Winner (Co-Recipient), Innovation Award (The Kindness Coalition), Stanford Medicine Center for Improvement QI Symposium Competition (2024)
- 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 (2019)
- 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 2002, I have worked on a variety of clinical and translational imaging research projects. I have been fortunate to have had Dr. Max Wintermark as a mentor. I have been fortunate to collaborate closely with Dr. Akshay Chaudhari and Dr. Robert Boutin at Stanford.

Representative recent projects

<https://arxiv.org/pdf/2409.11686>

<https://pubs.rsna.org/doi/10.1148/radiol.243525>

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 EHR-based 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. Due to prior research work with code sets and based on my administrative roles, I have a particular interest in researching LLM use for clinical documentation.

Representative recent projects

<https://www.nature.com/articles/s41591-024-03456-y>

<https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2825395>

<https://www.nature.com/articles/s41591-024-02855-5>

Since 2015, I have had the distinct privilege of being a clinical team member for The Stanford Center for Undiagnosed Diseases (undiagnosed.stanford.edu - Pls Dr. Euan Ashley, Dr. Matt Wheeler, Dr. Jon Bernstein & Dr. Paul Fisher).

CLINICAL TRIALS

- Physician Reasoning on Diagnostic Cases With Large Language Models, Not Recruiting

Teaching

COURSES

2025-26

- Practice of Medicine IV-A: INDE 204A (Aut)
- Practice of Medicine IV-B: INDE 204B (Aut)
- Practice of Medicine V-A: INDE 205A (Win)
- Practice of Medicine V-B: 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)

2024-25

- Practice of Medicine IV-A: INDE 204A (Aut)
- Practice of Medicine IV-B: INDE 204B (Aut)
- Practice of Medicine V-A: INDE 205A (Win)
- Practice of Medicine V-B: 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)

2023-24

- Practice of Medicine IV-A: INDE 204A (Aut)
- Practice of Medicine IV-B: INDE 204B (Aut)

- Practice of Medicine V-A: INDE 205A (Win)
- Practice of Medicine V-B: 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)

Publications

PUBLICATIONS

- **Real-World Effectiveness and 12-Month Persistence of a Semaglutide-Supported Digital Weight-Loss Service: A Retrospective Cohort Study in Germany.** *Diabetes, obesity & metabolism*
Talay, L., Hom, J., Tan, M., Ahuja, N.
2026
- **Physician-Reported Safety Outcomes of AI-Generated Hospital Course Summaries.** *JAMA network open*
Grolleau, F., Liang, A. S., Keyes, T., Ma, S. P., Lew, T., Huynh, T. R., Steele, N., Chung, P., Qin, P., Chandra, G., Wang, S. F., Mullen, E., Carpenter, et al
2026; 9 (5): e2616556
- **Performance of a large language model on the reasoning tasks of a physician.** *Science (New York, N.Y.)*
Brodeur, P. G., Buckley, T. A., Kanjee, Z., Goh, E., Ling, E. B., Jain, P., Cabral, S., Abdunour, R. E., Haimovich, A. D., Freed, J. A., Olson, A., Morgan, D. J., Hom, et al
2026; 392 (6797): 524-527
- **Merlin: a computed tomography vision-language foundation model and dataset.** *Nature*
Blankemeier, L., Kumar, A., Cohen, J. P., Liu, J., Liu, L., Van Veen, D., Gardezi, S. J., Yu, H., Paschali, M., Chen, Z., Delbrouck, J. B., Reis, E., Holland, et al
2026
- **MedFactEval and MedAgentBrief: A Framework and Workflow for Generating and Evaluating Factual Clinical Summaries.** *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*
Grolleau, F., Alsentzer, E., Keyes, T., Chung, P., Swaminathan, A., Aali, A., Hom, J., Huynh, T., Lew, T., Liang, A., Chu, W., Steele, N., Lin, et al
2026; 31: 388-399
- **"I Double Checked It with My Own Knowledge:" Physician Perspectives on the Use of AI Chatbots for Clinical Decision-Making.** *Journal of general internal medicine*
Kerman, H., Siden, R., Cool, J. A., Hom, J., Goh, E., Ahuja, N., Shieh, L., Heidenreich, P., Yang, D., Rodman, A., Chen, J. H., Holdsworth, L. M.
2026
- **Effectiveness and adherence in a tirzepatide-supported digital weight-loss programme in Australia: A real-world observational study.** *Diabetes, obesity & metabolism*
Talay, L., Hom, J., Scott, T., Ahuja, N.
2026
- **12-Month Weight Loss and Adherence Predictors in a Real-World UK Tirzepatide-Supported Digital Obesity Service: A Retrospective Cohort Analysis.** *Healthcare (Basel, Switzerland)*
Talay, L., Hom, J., Scott, T., Ahuja, N.
2025; 14 (1)

- **First, do NOHARM: towards clinically safe large language models.** *ArXiv*
Wu, D., Haredasht, F. N., Maharaj, S. K., Jain, P., Tran, J., Gwiazdon, M., Rustagi, A., Jindal, J., Koshy, J. M., Kadiyala, V., Agarwal, A., Tappuni, B., French, et al
2025
- **A typology of physician input approaches to using AI chatbots for clinical decision-making.** *NPJ digital medicine*
Siden, R., Kerman, H., Gallo, R. J., Cool, J. A., Hom, J., Goh, E., Ahuja, N., Heidenreich, P., Shieh, L., Yang, D., Chen, J. H., Rodman, A., Holdsworth, et al
2025
- **Prior GLP-1 agonist use is not associated with adverse inpatient critical care outcomes: A propensity-matched analysis.** *Journal of hospital medicine*
Park, A. K., Hom, J., Lorenzo, J., Rao, V., Hui, G., Vickers, M., Ahuja, N.
2025
- **Impact of Centers for Medicare & Medicaid Services Screening Mandate on Inpatient Z-Code Documentation of Social Drivers of Health.** *Journal of general internal medicine*
Santiago, C., Steele, N., Lee, J., Harris, A., Schulman, K., Collins, W., Hom, J.
2025
- **Stanford Center for Undiagnosed Diseases: a decade of advancing genetic diagnosis and discovery**
Bonner, D., Carter, J., Reuter, C., Marwaha, S., Kravets, E., Hom, J., Sampson, J., Fisher, P., Ashley, E., Tabor, H., Halley, M., Wheeler, M., Bernstein, et al
SPRINGER NATURE.2025: 877
- **Collaborative Care: The Importance of Community Partnerships in Hospital Medicine.** *Journal of general internal medicine*
Santiago, C., Schulman, K., Ahuja, N., Hom, J., Shaw, J. G., Blacker, A.
2025
- **Performance of Large Language Model-Generated Spanish Discharge Material.** *Journal of general internal medicine*
Pérez-Guerrero, E., Aali, A., Irizarry, E., Corso, N., Hom, J., Rodriguez, F., Santiago, C.
2025
- **A typology of physician input approaches to using AI chatbots for clinical decision-making: a mixed methods study.** *medRxiv : the preprint server for health sciences*
Siden, R., Kerman, H., Gallo, R. J., Cool, J. A., Hom, J., Goh, E., Ahuja, N., Heidenreich, P., Shieh, L., Yang, D., Chen, J. H., Rodman, A., Holdsworth, et al
2025
- **Defining Reference Values for Skeletal Muscle Metrics on Abdominal CT Using Data From Healthy Young Adult Populations: A Systematic Review and Meta-Analysis.** *AJR. American journal of roentgenology*
Ju, C., Yao, L., Yoon, S. Y., Lenchik, L., Johnston, A., Derry, L. T., Hom, J., Svec, D., Chaudhari, A. S., Boutin, R. D.
2025
- **Sarcopenia, Obesity, and Sarcopenic Obesity: Retrospective Audit of Electronic Health Record Documentation versus Automated CT Analysis in 17 646 Patients.** *Radiology*
Zambrano Chaves, J. M., Hom, J., Lenchik, L., Chaudhari, A. S., Boutin, R. D.
2025; 315 (1): e243525
- **Publisher Correction: GPT-4 assistance for improvement of physician performance on patient care tasks: a randomized controlled trial.** *Nature medicine*
Goh, E., Gallo, R. J., Strong, E., Weng, Y., Kerman, H., Freed, J. A., Cool, J. A., Kanjee, Z., Lane, K. P., Parsons, A. S., Ahuja, N., Horvitz, E., Yang, et al
2025
- **GPT-4 assistance for improvement of physician performance on patient care tasks: a randomized controlled trial.** *Nature medicine*
Goh, E., Gallo, R. J., Strong, E., Weng, Y., Kerman, H., Freed, J. A., Cool, J. A., Kanjee, Z., Lane, K. P., Parsons, A. S., Ahuja, N., Horvitz, E., Yang, et al
2025
- **A dataset and benchmark for hospital course summarization with adapted large language models.** *Journal of the American Medical Informatics Association : JAMIA*

- Aali, A., Van Veen, D., Arefeen, Y. I., Hom, J., Bluethgen, C., Reis, E. P., Gatidis, S., Clifford, N., Daws, J., Tehrani, A. S., Kim, J., Chaudhari, A. S.
2024
- **Telehealth Is Effective in the Evaluation of Individuals With Undiagnosed Rare Disorders: An Undiagnosed Diseases Network Study.** *American journal of medical genetics. Part A*
Tan, Q. K., McConkie-Rosell, A., Mahoney, R., Spillmann, R. C., Schoch, K., Chanprasert, S., Acosta, M. T., Toro, C., Rosenfeld, J. A., Orengo, J. P., Scott, D. A., Granadillo, J. L., Sisco, et al
2024: e63956
 - **Large Language Model Influence on Diagnostic Reasoning: A Randomized Clinical Trial.** *JAMA network open*
Goh, E., Gallo, R., Hom, J., Strong, E., Weng, Y., Kerman, H., Cool, J. A., Kanjee, Z., Parsons, A. S., Ahuja, N., Horvitz, E., Yang, D., Milstein, et al
2024; 7 (10): e2440969
 - **Large Language Model Influence on Management Reasoning: A Randomized Controlled Trial.** *medRxiv : the preprint server for health sciences*
Goh, E., Gallo, R., Strong, E., Weng, Y., Kerman, H., Freed, J., Cool, J. A., Kanjee, Z., Lane, K. P., Parsons, A. S., Ahuja, N., Horvitz, E., Yang, et al
2024
 - **The Undiagnosed Diseases Network: Characteristics of solvable applicants and diagnostic suggestions for non-accepted ones.** *Genetics in medicine : official journal of the American College of Medical Genetics*
Mulvihill, J. J., Findley, L., Ni, W., Sinsheimer, J. S., Cole, F. S., Esteves, C., Bernstein, J. A., Newman, J. H., Wheeler, M. T., Mokry, J. R.
2024: 101203
 - **Merlin: A Vision Language Foundation Model for 3D Computed Tomography.** *Research square*
Blankemeier, L., Cohen, J. P., Kumar, A., Veen, D. V., Gardezi, S., Paschali, M., Chen, Z., Delbrouck, J. B., Reis, E., Truys, C., Bluethgen, C., Jensen, M., Ostmeier, et al
2024
 - **PRELIMINARY DATA: A RANDOMIZED CONTROLLED TRIAL OF LARGE LANGUAGE MODEL ASSISTANCE WITH COMPLEX DIAGNOSTIC REASONING**
Kerman, H., Rodman, A., Goh, E., Cool, J., Gallo, R., Hom, J., Strong, E., Chen, J.
SPRINGER.2024: S828-S829
 - **Right Patient, Right Specialist, Right Time: Retrieval Augmented Generation for Specialty Referral Routing.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
Haredasht, F. N., Goh, E., Ravi, V., Ashtari, P., Jiang, Y., Yuldashev, N., Grolleau, F., Gallo, R. J., Shah, A., Hur, E., Chopra, K., Jee, O., Lee, et al
2024; 2024: 443-450
 - **Comparing IM Residency Application Personal Statements Generated by GPT-4 and Authentic Applicants.** *Journal of general internal medicine*
Nair, V., Nayak, A., Ahuja, N., Weng, Y., Keet, K., Hosamani, P., Hom, J.
2024
 - **Influence of a Large Language Model on Diagnostic Reasoning: A Randomized Clinical Vignette Study.** *medRxiv : the preprint server for health sciences*
Goh, E., Gallo, R., Hom, J., Strong, E., Weng, Y., Kerman, H., Cool, J., Kanjee, Z., Parsons, A. S., Ahuja, N., Horvitz, E., Yang, D., Milstein, et al
2024
 - **Adapted large language models can outperform medical experts in clinical text summarization.** *Nature medicine*
Van Veen, D., Van Uden, C., Blankemeier, L., Delbrouck, J. B., Aali, A., Bluethgen, C., Pareek, A., Polacin, M., Reis, E. P., Seehofnerová, A., Rohatgi, N., Hosamani, P., Collins, et al
2024
 - **Interpreter and limited-English proficiency patient training helps develop medical and physician assistant students' cross-cultural communication skills.** *BMC medical education*
Nguyen, Q., Flora, J., Basaviah, P., Bryant, M., Hosamani, P., Westphal, J., Kugler, J., Hom, J., Chi, J., Parker, J., DiGiammarino, A.
2024; 24 (1): 185
 - **Quality improvement project to reduce medicare 1-day write-offs due to inappropriate admission orders.** *BMC health services research*
Oke, O., Sullivan, K. M., Hom, J., Svec, D., Weng, Y., Shieh, L.
2024; 24 (1): 204

- **A Benchmark of Domain-Adapted Large Language Models for Generating Brief Hospital Course Summaries** *ArXIV*
Aali, A., Van Veen, D., Arefeen, Y., Hom, J., Bluethgen, C., Reis, E., Gatidis, S., Clifford, N., Daws, J., Tehrani, A., Kim, J., Chaudhari, A.
2024
- **Detecting Underdiagnosed Medical Conditions with Deep Learning-Based Opportunistic CT Imaging** *arXIV*
Aali, A., Johnston, A., Blankemeier, L., Van Veen, D., Derry, L., Svec, D., Hom, J., Boutin, R., Akshay, C.
2024
- **Overview of the First Shared Task on Clinical Text Generation: RRG24 and “Discharge Me!”** *23rd Workshop on Biomedical Natural Language Processing*
Xu, J., Chen, Z., Johnston, A., Blankemeier, L., Varma, M., Hom, J., Collins, W., Modi, A., Lloyd, R., Hopkins, B., Langlotz, C., Delbrouck, J.
2024
- **Superhuman performance of a large language model on the reasoning tasks of a physician** *arxiv.org*
Brodeur, P., Buckley, T., Kanjee, Z., Goh, E., Ling, E., Jain, P., Cabral, S., Abdulnour, R., Haimovich, A., Freed, J., Olson, A., Morgan, D., Hom, et al
2024
- **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
- **Genomics Research with Undiagnosed Children: Ethical Challenges at the Boundaries of Research and Clinical Care.** *The Journal of pediatrics*
Halley, M. C., Young, J. L., Tang, C., Mintz, K. T., Lucas-Griffin, S., Maghiro, A. S., Ashley, E. A., Tabor, H. K.
2023: 113537
- **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*
Rezaii, 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
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 - Effects of EMR-Based Advisories on Benzodiazepine and Sedative-Hypnotic Prescriptions in Older Adults. - American Geriatrics Society 2019 Conference
 - Unusual Cardiac Presentations at the Stanford Center for Undiagnosed Diseases. - ACMG 2019
 - Crossing the Barriers: Review of an Interprofessional Experience Program. - Interprofessional Care for the 21st Century Meeting. 2018
 - Predicting low-information lab tests to promote high value care. - AMIA Annual Meeting 2018
 - VTE During Hospitalization: An analysis of adequacy of thromboprophylaxis. - Society of Hospital Medicine Annual Meeting, 2017
 - A Multi-Disciplinary Intervention to Reduce Reimbursement Audits for Inappropriate Level of Care Designations. - Lean Healthcare Academic Conference 2017
 - Covering all the bases: case vignettes and diagnostic pipelines at the Stanford Center for Undiagnosed Diseases. - ASHG 2017 Annual Meeting
 - Effectiveness of A Dedicated Rotation in Genomics, Genetic Medicine, and Undiagnosed Diseases for Internal Medicine Residents. - ASHG National Meeting 2017
 - Using Electronic Best Practice Alerts to Improve Thrombophilia Testing Based on ASH Choosing Wisely Guidelines. - ASH 2017 National Meeting
 - What Do They Want? A Survey of Residents' Attitudes of Procalcitonin Use and Appropriate Utilization. - IDSA 2017 National Meeting
 - Navigating the Challenges Between Provider Documentation Technology, Manual Efforts and Administrative Burden. - ACDIS 2024 Conference
 - A multi-omics approach improves the diagnosis and understanding of inborn errors of immunity. - ASHG National Conference 2024