CURRICULUM VITAE

Name: Allen L. Hsiao MD, FAAP

School: Yale University School of Medicine

Education:
B.A.   Brown University (Biomedical Ethics), Providence, RI   1994
MD   Brown University School of Medicine, Providence, RI   1998

Career/Academic Appointments:
1998-99   Intern, Pediatrics, Yale-New Haven Hospital, New Haven, CT
1999-01   Resident, Pediatrics Yale New Haven Hospital New Haven, CT
2001-04   Fellow, Pediatric Emergency Medicine, Yale-New Haven Hospital, New Haven, CT
2003-05   Fellow, Informatics, Yale Center for Medical Informatics, Yale University, New Haven, CT
2005-06   Clinical Instructor, Pediatrics, Yale School of Medicine, New Haven, CT
2006-12   Assistant Professor of Pediatrics, Yale School of Medicine, New Haven, CT
2012-20   Associate Professor of Pediatrics (Emergency Medicine) and of Emergency Medicine, Yale School of Medicine, New Haven, CT
2020-present Professor of Pediatrics (Emergency Medicine) and of Emergency Medicine, Yale School of Medicine, New Haven, CT

Administrative Positions:
2005-06   Physician Informatics Liaison, Management Information Systems, Yale-New Haven Hospital, New Haven, CT
2006-13   Director, Pediatric Core Clerkship, Yale School of Medicine Physician's Associate Program, New Haven, CT
2006-13   Chief Medical Information Officer, Information Systems and Technology Yale-New Haven Hospital, New Haven, CT
2010-13   Epic Inpatient Lead Physician, Yale New Haven Health System, New Haven, CT
2011-present Director, Medical Informatics Elective, Department of Medicine, Yale School of Medicine, New Haven, CT
2012-13   Executive Director of Medical Information Technology, Information Systems & Technology, Yale New Haven Health System, New Haven, CT
2013-14   Associate Chief Medical Information Officer, Yale New Haven Health System & Yale School of Medicine, New Haven, CT
2014-2021   Vice President & Chief Medical Information Officer, Yale New Haven Health System & Yale School of Medicine, New Haven, CT
2015-present Co-Director, Informatics Core, Yale Center for Clinical Investigation, Yale School of Medicine, New Haven, CT
2016-present Core Director, Yale Clinical Informatics Fellowship, Yale School of Medicine, New Haven, CT
2020-present Associate Director, Clinical Informatics, Yale Center for Medical Informatics, New Haven, CT
2020-present Interim Chief, Section of Pediatric Emergency Medicine, Yale School of Medicine, New Haven, CT
2021-present Vice President & Chief Health Information Officer, Yale New Haven Health System & Yale School of Medicine, New Haven CT

Board Certifications:
American Board of Pediatrics (#75723), 10/15/2002
American Board of Pediatrics, Pediatric Emergency Medicine Sub-board (#1683), 3/28/2011
American Board of Preventive Medicine, Clinical Informatics (#071762), 1/1/2016

Professional Certifications:
Diplomate, National Board of Medical Examiners, 1998
Pediatric Advanced Life Support, 1998
Advanced Trauma Life Support, 2001, 2011
Pediatric Advanced Life Support Instructor, 2002 (Recertified: 2004, 2006, 2010)

Professional Honors & Recognition:
International/National/Regional
2022   48 CMIOs and CNIOs to Know, Becker's Hospital Review
2021   Elected Fellow, American Medical Informatics Association
2017   50 Hospital and Health System CMIOs to Know, Becker's Hospital Review
2017   25 Leading CMIOs at Healthcare Organizations, Health Data Management
2016   Executive Institute, Health Information Management Systems Society, Chicago, IL
2016   Top Ten PEM Paper, AAP National Conference & Exhibition, San Francisco, CA. Manuscript co-author: *Reliability of Telemedicine in the Assessment of Seriously Ill Children (Pediatrics)*
2015   College of Healthcare Information Management Executives, Ann Arbor, MI
2014   Physician Leadership Program, Health Management Academy, Arlington, VA
2012   Top Ten PEM Paper, AAP National Conference & Exhibition, New Orleans, LA. Manuscript co-author: *Diagnosis of Intussusception by Physician Novice Sonographers in the Emergency Department (Annals of Emergency Medicine)*
2010   Academic Faculty Scholarship, Institute for Healthcare Improvement, 22nd Annual National Forum on Quality Improvement in Health Care
2009   Academic Faculty Scholarship, Institute for Healthcare Improvement, 21st Annual National Forum on Quality Improvement in Health Care
2005   Young Investigator's Travel Award, Pediatric Academic Societies. Abstract: *A Randomized Trial to Assess the Efficacy of Point-of-Care Testing in Decreasing Length of Stay*
2005   Travel Award, Eastern Society for Pediatric Research. Abstract: *A Randomized Trial to Assess the Efficacy of Point-of-Care Testing in Decreasing Length of Stay*
2004   Fellow, American Academy of Pediatrics
2004   Ludwig-Seidel Award, Ambulatory Pediatric Association. Abstract co-author: *Utility of Bedside Bladder Ultrasound*
2004   Travel Award, Eastern Society for Pediatric Research. Abstract: *Serious Bacterial Illness in Older Febrile Infants*

University
2022   Norman J. Siegel Award, Yale School of Medicine
2010   Yale New Haven Health System Physician Leadership Development Program, Yale School of Management
2005   Outstanding Fellow, Pediatric Emergency Medicine, Yale New Haven Children's Hospital, Yale School of Medicine
2001   Morris Y. Krosnick Housestaff Award, Yale-New Haven Hospital
1998   Medical Doctorate Class of 1998 Diploma Recipient, Brown University
1998   Sigma Xi Research Society, election to

Grant/Clinical Trials History:

Current Grants
Agency: <u>National Center for Advancing Translational Sciences/NIH</u>
I.D.# UL2TR001863-06
Title: Yale Clinical and Translational Science Award
P.I.: Brian Smith, MD & John Krystal MD
Role on Project: Co-Director, Informatics Core
Percent Effort: 30%
Total costs for project period: $63,700,000
Project Period: 7/01/2021 – 5/31/2026

Agency: <u>FDA, Office of Minority Health and Health Equity</u>
Contract #75F40120C00174
Title: Leveraging Community Engagement and Electronic Health Record Strategies to Promote
Diverse Participation in COVID-19 Clinical Trials
P.I.: Brian Smith, MD & John Krystal MD
Role on Project: Informatics Director, Key Personnel
Percent Effort: 6%
Total costs for project period: $3,300,000
Project Period: 9/29/2020 – 9/29/2023

Past Grants
Agency: <u>National Center for Advancing Translational Sciences/NIH</u>
I.D.# UL1TR001863-01
Title: Yale Clinical and Translational Science Award
P.I.: Brian Smith, MD & John Krystal MD
Role on Project: Co-Director, Informatics Core
Percent Effort: 5%
Total costs for project period: $53,600,000
Project Period: 7/01/2016 – 5/31/2021

Agency: National Institute on Drug Abuse
I.D.# 1UG3DA047003-01
Title: EMBED: Pragmatic Trial of User-Centered Clinical Decision Support to Implement Emergency
Department-Initiated Buprenorphine for Opioid Use Disorder
P.I.: Edward Melnick, MD
Role on Project: Co-Investigator
Amount: $819,454
Percent Effort: 5%
Project Period: 4/01/2018 – 9/30/2021

Agency: <u>National Institute on Alcohol Abuse and Alcoholism/NIH/DHHS</u>
I.D.# NCT02247388
Award #: 1R01AA022083-01A1
Title: Automated Bilingual Computerized Alcohol Screening & Intervention in Latinos
P.I.: Frederico Vaca, MD
Role on Project: Co-investigator

Percent Effort: 5%
Direct Costs per year: $392,211
Total costs for project period: $3,142,032
Project Period: 09/01/2014 –8/31/2019

Agency: <u>National Center for Advancing Translational Sciences/NIH</u>
I.D.# 3 UL1 TR001863-02S2
Title: Developing Policies and Practices to Leverage Data Innovation to Promote Study Recruitment
P.I.: Robert Sherwin, MD
Role on Project: Project Director
Direct Costs per year: supplement to CTSA Award
Project Period: 9/26/2017 – 5/31/2019

Agency: <u>National Center for Advancing Translational Sciences/NIH</u>
I.D.# 3 UL1 TR001863-02S3
Title: Partnership & Innovation: Single IRB models for Clinical & Translational Research
P.I.: Robert Sherwin, MD
Role on Project: Project Director
Direct Costs per year: supplement to CTSA Award
Project Period: 9/26/2017 – 9/30/2018

Agency: <u>Yale Center for Clinical Investigation, Yale School of Medicine</u>, New Haven, CT
Title: Assessment of Medical Data Integrity and Impact on Clinical Review with Sync for Science
P.I.: Allen Hsiao, MD
Role on Project: Primary Investigator
Percent Effort: 5%
Co-Investigator: Harlan Krumholz, MD
Co-Investigator: Wade Schulz, MD
Total costs for project period: $1,200,000
Project Period: 6/15/2017 – 6/14/2018

Agency: <u>National Heart Lung and Blood Institute/NIH</u>
I.D.# 1R18HL108788-01A1
Award #: 5R18HL108788-04
Title: "Implementation of HIT-Enhanced Tobacco Treatment for Hospitalized Smokers"
P.I.: Steven Bernstein, MD
Role on Project: Co-investigator
Percent Effort: 5%
Direct Costs per year: $460,985-$502,672
Total costs for project period: $3,031,801
Project Period: 08/06/2012 – 7/31/2017

Agency: <u>AHRQ</u>
I.D.# Clinical Decision Support Demonstrations
Title: "Guidelines Into Decision Support (GLIDES)"
P.I.: Rick Shiffman, MD
Role on Project: Co-investigator
Percent Effort: 10%
Direct Costs per year: $202,020
Total costs for project period: $1,000,000

Project Period: 07/01/2010 – 06/30/2013

Agency: <u>AHRQ</u>
I.D.# Improving Quality through Health IT: Testing the Feasibility and Assessing the Impact of Using Existing Health IT Infrastructure for Better Care Delivery
Title: "Secure Messaging in Pediatric Respiratory Medicine: Kid's Airmail"
Role: Primary Investigator
Percent Effort: 20%
Direct Costs per year: $164,000
Total costs for project period: $400,000
Project Period: 10/1/2007 – 9/30/2009

Agency: <u>AHRQ</u>
I.D.# Clinical Decision Support Demonstrations
Title: "Guidelines Into Decision Support (GLIDES)"
P.I.: Rick Shiffman, MD
Role on Project: Co-investigator
Percent Effort: 15%
Direct Costs per year: $1,515,151
Total costs for project period: $2,500,000
Project Period: 01/01/2008 – 12/31/2009

Agency: <u>AHRQ</u>
I.D.# Translating Guideline Knowledge into Systems that Improve Care
Title: "Electronic Records to Improve Care for Children with Asthma (ERICCA)"
P.I.: Rick Shiffman, MD
Role on Project: Co-investigator
Percent Effort: 15%
Direct Costs per year: $242,424
Total costs for project period: $1,200,000
Project Period: 10/01/2004 – 09/30/2007

Agency: <u>NLM/NIH</u>
I.D.# Ruth L. Kirschstein Research Service Award
Title: Medical Informatics Fellowship
Role: Principal Investigator
Percent Effort: 90%
Direct Costs per year: $48,800
Total costs for project period: $48,800
Project Period: 07/1/2004 – 06/30/2005

Agency: <u>Friends of the Children's Hospital</u>, New Haven, CT
I.D.# Pilot Project Grant
Title: "Carboxyhemoglobin Levels in Infants"
Role: Principal Investigator
Direct Costs per year: $2,500
Total costs for project period: $2,500
Project Period: 09/01/2004 – 06/30/2005

Agency: <u>i-Stat corporation (Abbott Labs)</u>,East Windsor, NJ

I.D.# Unrestricted Project Grant
Title: "Utility of Point of Care Device Use in a Pediatric Emergency Department Setting"
Role: Principal Investigator
Direct Costs per year: $35,000
Total costs for project period: $35,000
Project Period: 07/01/2003 – 06/30/2004

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:
International/National
2022   Invited Panelist, "Promoting Equity in Healthcare and Research," (Hsiao AL, Pham HH, Wish ED), American Medical Informatics Association National Conference, Washington DC
2022   Invited Speaker, Fireside Chat, "Discovering EHR Challenges and How to Meet Them," Chief Medical Officer's Summit, Marcus Evans, San Diego, CA
2022   Invited Digital Health + Health IT Podcast Speaker, "New Technology, Key Challenges, & Healthcare Disruption," Becker's Healthcare
2021   Invited Keynote Speaker, "Clinical Informatics: From Foundation, the Pandemic, and Beyond" (Hsiao AL), Annual Meeting of the Taiwan Society of Pediatric Emergency Medicine, Taichung, Taiwan
2021   Invited Moderator, "Use of EHR Portals for Research Recruitment" (Hsiao AL), Clinical Research Forum: IT Roundtable, Virtual Event
2021   Invited Speaker, "The Evolution of the EHR and Health Informatics" (Hsiao AL), Introduction to Health Informatics, University of Michigan, School of Public Health, Ann Arbor, MI
2020   Invited Panel Moderator "New Ways of Using IT and Data in Clinical Trials" (Hsiao A, Cudkowicz M, Ferris T, Campion T), Clinical Research Forum IT Roundtable, Washington DC
2020   Invited Panelist, "What Are the Biggest Threats and Opportunities in Health IT" (Hsiao AL & Modica M), Becker's Healthcare Health IT + Revenue Cycle Management,Virtual Event
2020   Invited Speaker, "Fireside Chat: The Evolving Role of the CMIO" (Hsiao AL, moderated by M. Bean), Becker's Healthcare Health IT + Revenue Cycle Management Annual Conference, Chicago, IL
2020   Invited Speaker, "Information Technology Governance, Management, and Standardization" (Hsiao AL, Edwards L), Central Norway Regional Health Authority Meeting, Stjordal, Norway
2020   Invited Panelist, "HIMSS EMRAM and China's Healthcare Transformation through Information & Technology" (Liu J, Hsiao AL, Kohli M, Maloney A), Health Information Management Systems Society National Conference, Orlando, FL (Conference canceled)
2020   Invited Reviewer for Electronic Medical Record Adoption Model Stage 7, Nemours Children's Hospital, Orlando, FL
2019   Invited Keynote Speaker, "EHR: Chart, Catalyst, & Change Agent" (Hsiao AL), The Norwegian Medical Association, Midt-Norge Helsepolitisk Conference, Stjordal, Norway
2019   Invited Panelist, "Optimal Collaboration: Where Engineers and Physicians Can Meet" (Dhruva S, Hsiao AL, Kennedy CE, Mougalian S, Xu L), IEEE/ACM Conference on Connected Health: Applications, Systems and Engineering Technologies, Washington DC
2019   Invited Panelist, Epic User Group Meeting, Research Advisory Council, "Extending the Concept of Research Maturity" (Hsiao AL, Gaskin G), Verona, WI
2019   Invited Speaker, "Reporting & Analytics" (Hsiao AL), Norwegian University of Science and Technology, Trondheim, Norway
2019   Invited Panelist, "Research Informatics Roundtable" (Smith B, Johnson T, McNally N, Hsiao AL, Johnson T), Norwegian University of Science and Technology, Trondheim, Norway
2019   Invited Speaker, Fredagsforelesning Lecture, "The Electronic Health Record: Catalyst & Change Agent" (Hsiao AL), St. Olav's Hospital Grand Rounds, Trondheim, Norway

2019 Invited Speaker, "Leveraging the EHR for Clinical Research: Alerts, EHR-CTMS Integration, Opt Out, and Direct Patient Recruitment" (Hsiao AL, Johnson T), Norwegian University of Science and Technology, Trondheim, Norway

2019 Invited Speaker, "Clinical Redesign at Yale: Leveraging the EHR to Improve Operations and Quality" (Hsiao AL), Norwegian University of Science and Technology, Trondheim, Norway

2019 Invited Speaker, "Integrating Research and Clinical Informatics at an Academic Medical Center" (Hsiao AL), UC Irvine Clinical Translational Science Award Steering Committee, University of California, Irvine, Irvine, CA

2019 Invited Moderator, "Rapid Insights: Top Information Technology Priorities" The Health Management Academy CMIO Forum, Laguna Beach, CA

2019 Invited Speaker, "The Value of EMRAM (Electronic Medical Record Adoption Model)" (Bradley P, Hsiao AL), Health Information Management Systems Society National Conference, Orlando, FL

2019 Invited Panelist, "Challenges and Opportunities for Healthcare IT in China and the United States" (Daniels J, Hsiao AL, Liu J, Pfeffer MA, Steinberg B) Health Information Management Systems Society National Conference, Orlando, FL

2019 Invited Speaker, "Translational Analytics" (Hsiao AL, Torre CJ) Advanced Analytics Collaborative, The Health Management Academy, Phoenix, AZ

2018 Invited Speaker, "Leveraging the Electronic Health Record to Support Research" (Hsiao AL) University College of London, London, UK

2018 Invited Panelist, "Governance and the Role of the Chief Research Information Officer" (Campion T, Harper J, Hsiao AL, Wehbe F), Clinical Research Forum IT Roundtable, Washington DC

2018 Invited Speaker, "Information Technology Solutions to Improve Physician Burnout" (Hsiao AL) National Healthcare CIO Summit, Orlando, FL

2018 Invited Panelist, "Electronic Medical Record Adoption Model in China" (Bradley P, Hsiao AL, Joe JC, Kohli M, Pfeffer MA) Health Information Management Systems Society Annual Conference, Las Vegas, NV

2018 Invited Panelist, "Diversity in Clinical Research" (Hsiao AL, Perry L, Steele K, Trevino S) Lilly Pharmaceuticals, Indianapolis, Indiana

2017 Invited Speaker, "Constant Contact: How Smartphone Communications Impact Academic Medical Centers" (Hsiao AL, Torre C) Mobile Heartbeat Users Group National Meeting, Fort Lauderdale, FL

2017 Invited Speaker "Epic as a Platform to Accelerate Research" (Hsiao AL, Johnson T), Epic National Users Group Meeting, Verona, WI

2017 Invited Reviewer for Electronic Medical Record Adoption Model Stage 7, Children's Hospital of Shanghai, Shanghai, China

2017 Invited Reviewer for Electronic Medical Record Adoption Model Stage 7, Children's Hospital of Fudan University, Shanghai, China

2017 Invited Speaker, National Center for Advancing Translational Sciences, Research Consent Group, "The EHR, Research, and Opt-Out at Yale" (Hsiao AL, Johnson T), Bethesda, MD

2017 Invited Speaker, National Center for Advancing Translational Sciences, Informatics Domain Task Force, "Leveraging the EHR and Other Technologies for Research" (Hsiao AL, Johnson T), Bethesda, MD

2016 Invited Speaker, Puerto Rico Consortium for Clinical Investigation, "Maximizing EHR Use for Research and Implementation Planning" (Hsiao AL, Johnson T) San Juan, Puerto Rico

2016 Invited Moderator, Epic Xpert Group Meeting, Research Advisory Council, moderated sessions on "Using MyChart for Research Recruitment and PCORI," "i2b2 and Research," and "Implementation of SlicerDicer for Research," Verona, WI

2016 Invited Keynote Speaker, Epic Xpert Group Meeting, Research Forum, "Creating a Foundation

for Research" (Hsiao AL, Johnson T) Verona, WI

2016   Invited Forum Facilitator, Epic Xpert Group Meeting, Research Forum, Verona, WI

2015   Invited Reviewer for Electronic Medical Record Adoption Model Stage 7, Teda International Hospital for Cardiovascular Diseases, Tianjin, China

2015   Invited Reviewer for Electronic Medical Record Adoption Model Stage 6, Children's Hospital of Fudan University, Shanghai, China

2015   Invited Speaker, Puerto Rico Science, Technology & Research Trust & University of Puerto Rico Meeting, "Supporting Research with the Electronic Medical Record and Clinical Trials Management System" (Johnson T, Hsiao AL) San Juan, Puerto Rico

2015   Invited Panelist, Healthcare Strategic Advisory Council, SAS Premier Business Leadership Series, Las Vegas, NV

2015   Invited Speaker, Duke School of Medicine Clinical Research Meeting, "Implementation of OnCore at Yale" (Johnson T, Anastasio K, Hsiao AL) Durham, NC

2015   Invited Panelist, IVY+ Health and Technology, Annual Conference, "Top Initiatives in Academic Healthcare IT" (Smalley T, Lolis E, Hsiao AL) Palo Alto, CA

2015   Invited Reviewer for Electronic Medical Record Adoption Model Stage 7, Reading Health System, Reading, PA

2014   Invited Speaker, The Academy Huron Institute Big Data Collaborative, "Data and Analytics at Yale New Haven Health and Yale School of Medicine." (Allegretto S, Hsiao AL, Thomas P) Washington DC

2014   Invited Moderator, The Academy Huron Institute Big Data Collaborative, "Refining the Analytics Maturity Model" (Hsiao AL) Washington DC

2014   Invited Moderator, The Academy Huron Institute Big Data Collaborative, "Analytics Breakout Discussion" (Hsiao AL) Washington DC

2014   Invited Reviewer for Electronic Medical Record Adoption Model Stage 7, Beaumont Health System, Troy, MI

2014   Executive Operational Panel, Epic User's Group Meeting, "Cultivating New Care Delivery Methods with Technology" (Sharp T, Nath P, Hsiao AL, Van Dael D, Wiig T) Verona, WI

2011   Platform Presentation, University Executive Forum: Health Sciences, Apple Inc, "Report From the Field: iPad at the Bedside" (Hsiao AL) Cupertino, CA

2011   Invited Speaker, Transitions and Handovers of Care Symposium, Pediatric Academic Societies National Conference, "Challenges and Strategies for Safe Patient Care: From Emergency Room to Home" (Hsiao AL) Denver, CO

2010   Invited Moderator, Healthcare Information Management Systems Society (HIMSS) National Conference, Personal Health Records Educational Session, Atlanta, GA

Regional

2019   Invited Panelist, "The Revitalizing Change in the Role of the CXO" (Arora C, Braunstein L, Hsiao AL, Kern K, Tobaccowalla J) Digital Transformation Summit, New York NY

2017   Invited Speaker, "The EHR and Research" (Hsiao AL, Johnson T) The Rockefeller University, New York, NY

2017   Invited Panelist, Northeast Health Information Management Systems Society Educational Social, "Perspectives on Healthcare Information Technology" (Stanley D, Sugrue M, Hsiao A) Wallingford, CT

2016   Invited Speaker, Partners Healthcare Patient Engagement Research Committee, "Leveraging Epic for Research at Yale" (Hsiao AL, Johnson T) Boston, MA

2016   Invited Speaker, Northeast Regional Epic Users Group, "Clinical Redesign at Yale New Haven Health System" (Hsiao AL, Deshpande O) Beverly, MA

2016   Invited Reviewer, Electronic Medical Record Adoption Model Stage 7, New York University School of Medicine and New York University Langone Medical Center, New York, NY

2015   Invited Panelist, MIT Enterprise Forum, "Diameter Reporting and Analytics Panel" (Bloch S, Hsiao AL, Torre C), New Haven, CT

2013   Invited Speaker, Massachusetts General Hospital Leadership Council, "An Epic Presentation: The Yale New Haven Health & Yale University Story" (Hsiao AL, Stump L) Boston, MA

2011   Invited Speaker, New England Regional Conference, Asian Pacific American Medical Students Association, "Medical Informatics as a Career" (Hsiao AL) New Haven, CT

2009   Invited Speaker, Academic Pediatric Association Regional Meeting "The Electronic Health Record: Electronic Medical Records & More" Sturbridge, MA

2005   Invited Speaker, Meet the Professors Panel, Eastern Society for Pediatric Research, "Clinical Research" Greenwich, CT

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale:

International/National

2022   Platform Presentation, Epic User's Group Meeting, "Leveraging the EHR to Address Equity and Access in Research" (Hsiao AL, Kashyap N, Johnson T) Verona, WI

2022   Platform Presentation, Epic Xpert Group Meeting, Research Advisory Council, Epic as a Tool to Support Diverse Research Participation" (Hsiao AL, Kashyap N, Johnson T) Verona, WI

2021   Poster Presentation, Clinical Translational Science Award Program Annual Meeting, "Community Engagement, Transformation, and Innovation" (Johnson T, Hsiao A, Krystal J, Smith B) Washington DC

2021   Poster Presentation, American Medical Informatics Association National Conference, "Informatics-Driven Vaccine Enterprise" (Kashyap N, Kelly S, McCray R, Hsiao A) San Diego, CA

2021   Poster Presentation, American Medical Informatics Association National Conference, "COVID-19 Catalyzed and Informatics-Driven Evolution to a Learning Health System" (Hsiao A, Stump L, Kashyap N) San Diego, CA

2021   Platform Presentation, American Heart Association Scientific Sessions, "Risk Evaluation and Its Impact on Clinical Decision Making and Outcomes in Heart Failure: The REVeAL-HF Trial" (Ahmad T, Yamamoto Y, Biswas A, Ghazi L, Martin M, Simonov M, Hsiao A, Kashyap N, Velazquez E, Desai N, Wilson F) Moved to Virtual due to COVID-19

2020   Platform Presentation, American Medical Informatics Association Clinical Informatics Conference, "InBasket Diet Plan: A Strategy to Reduce the Weight of the EHR InBasket" (Kashyap N, Hsiao A) Moved to Virtual due to COVID-19

2019   Panelist, Epic Users Group Meeting, Research Advisory Council, "Extending the Concept of Research Maturity" (Hsiao AL, Gaskin G) Verona, WI

2019   Poster Presentation, The American College of Cardiology, Annual Scientific Session and Expo, "Learning How to Successfully Enroll and Engage People in a Mobile Sync-for-Science Platform to Inform Shared Decision-Making" (Dhruva SS, Mena-Hurtado C, Curtis J, Krumholz L, Hutten D, Schulz W, Rumsfeld J, Bae J, Hsiao A, Krumhulz HM) New Orleans, LA

2019   Platform Presentation, Epic Xpert Group Meeting, Research Advisory Council, "Leveraging Epic to Improve Research Participant Safety and Regulatory Compliance" (Hsiao AL, Johnson T) Verona, WI

2019   Panel Presentation, Epic Xpert Group Meeting, Research Advisory Council, "Improving Recruitment Efforts Through Stakeholder Engagement" (Belinski M, Hsiao AL, Johnson T) Verona, WI

2019   Poster Presentation, American Medical Directors of Information Systems National Symposium, "Information Technology Strategies to Mitigate Physician Burnout" (Hsiao AL, Kashyap N, Khokar B, Mukherjee S, Cofrin B, Caisse G, Christian J, O'Brien W, Richter B, Sicoli P, Torre C, Travers J, Stanton G, Stump L) Orlando, FL

2018   Panelist, American Medical Informatics Association, 2018 Informatics Summit, "Partnerships in Innovation" (Habrat M, Hsiao AL, Johnson T, Smider N, Lenert L) San Francisco, CA

2017   Platform Presentation, Epic User Group Meeting (National), "Epic as a Platform to Accelerate Research" (Hsiao AL, Johnson T) Verona, WI *(Awarded "Epic Classic" status, <100 chosen to to date)*

2017   Platform Presentation, American Medical Informatics Association National Conference, "Development and Validation of a Continuously Age-adjusted Measure of Patient Condition for Hospitalized Children Using the Electronic Medical Record" (Rothman M, Tepas J, Nowalk A, Rimar J, Marchetti A, Hsiao A), Washington DC

2017   Platform Presentation, Epic Xpert Group Meeting, Research Advisory Council, "Leveraging MyChart to Support Patient Recruitment" (Hsiao AL, Hintz R) Verona, WI

2017   Platform Presentation, Epic Xpert Group Meeting, Research Advisory Council, "Caboodle Data Warehouse an Important Research Tool" (Hsiao AL, Torre C) Verona, WI

2017   Panelist, American Medical Informatics Association, 2017 Joint Informatics Summits, "Developing Governance Structures for Informatics Approaches to Research Recruitment" (Cantor M, Embi P, Hsiao AL) San Francisco, CA

2016   Platform Presentation, Epic User Group Meeting, Research Advisory Council, "Epic as a Platform to Accelerate Research" (Johnson T, Hsiao AL) Verona, WI

2016   Platform Presentation, Epic User Group Meeting, Director's Advisory Council, "Clinical Redesign at Yale New Haven Health System" (Hsiao AL, Schwartz I) Verona, WI

2016   Platform Presentation, Epic Xpert Group Meeting, Training Council, "Inter-Netter's Anatomy - Epic as a Practical Tool for Medical Education" (Stutzman M, Hsiao AL) Verona, WI

2016   Platform Presentation, Epic Xpert Group Meeting, Analytics Advisory Council, "Epic as a Catalyst – Honing a Unified Analytic Strategy with Cogito" (Hsiao AL, Torre C, Legg M, Thomas P) Verona, WI

2015   Poster Presentation, 8h Annual Conference on the Science of Dissemination and Implementation in Health, "Decision Support to Enhance Treatment of Hospitalized Smokers: A Randomized Trial" (Bernstein S, Rosner J, DeWitt M, Tetrault J, Dziura J, Hsiao A, Sussman S, O'Connor P and Toll B) Washington DC

2015   Platform Presentation, Epic User Group Meeting (National), "Epic as a Catalyst: Honing a Unified Analytic Strategy with Cogito" (Hsiao AL, Torre C, Legg M, Thomas P) Verona, WI *(Awarded "Epic Classic" status, <100 chosen to to date)*

2015   Platform Presentation, Radiological Society North America's Scientific Assembly, "The Clinical Decision Support Mandate: A Pilot Project Using Epic's Best Practice Alerts for PE-CTA Study Orders to Prepare the Hospital Staff" (Goehler A, Weinreb J, Forman H, Moore C, Hsiao A, Arang J, Wismer D, D'Amato L) Chicago, IL

2015   Platform Presentation, Health Information Management Systems Society, National Conference, "Improving Clinical Communications and Workflow Via Smartphones" (Hsiao AL, Fisher E) Chicago, IL

2015   Platform Presentation, Epic Xpert Group Meeting, Research Forum, "Using MyChart for Research Recruitment and Patient Preferences" (Johnson T, Hsiao AL) Verona, WI

2014   Poster Presentation, American Medical Informatics Association Annual Symposium, "Google Glass for Clinical Procedures, Reference, and Perception of Optimal UI" (Solad, Y, Kashyap N, Hsiao AL) Washington DC

2014   Platform Presentation, Epic User's Group Meeting, Security Forum "Improving the Quality of Provider Profile Records" (Austin A, Hsiao AL) Verona, WI

2014   Panel Discussion, Epic Research Advisory Council, "PEARLS: Reports and Extracts for Research" (Hsiao AL, Modiano L, Hopson G) Verona, WI

2014   Platform Presentation, Epic Research Advisory Council, "Epic Research Enterprise-wide Planning" (Johnson T, Hsiao AL) Verona, WI

2014   Platform Presentation, Epic Physician Advisory Council, "Smoking Cessation Research Study Using Computerized Clinical Decision Support" (Bernstein S, Dewitt M, Hsiao AL) Verona, WI

2013   Platform Presentation, Central Surgical Association Annual Meeting, "Automated Analysis of Electronic Medical Record Data Reflects the Pathophysiology of Surgical Complications" (Tepas J, Nussbaum M, Hsiao AL, Rimar JM) Amelia Island, FL

2010   Storyboard Presentation, Institute for Healthcare Improvement: 22nd Annual National Forum on Quality Improvement in Health Care, "Reducing Labor Pains Using the Electronic Medical Record" (Hsiao AL, Costanzo C, Dobrowski M, Donohue K, Fenick A, Fisk C, Hyland T, Pettker P) Orlando, FL

2010   Platform Presentation, American Institute of Ultrasound in Medicine Annual Meeting, "Diagnosis of intussusceptions by novice sonographers in the emergency department," (Chen L, Hsiao A, Riera A, Goodman TR) San Diego, CA

2010   Platform Presentation, Ambulatory Pediatric Association Medical Informatics SIG National Meeting, "Acceptance of Telemedicine Video Conferencing in Pediatric Rheumatology" (Corbin KJ, McCarthy PL, Benin AL, Hsiao AH, Suter LG) Vancouver, Canada

2009   Storyboard Presentation, Institute for Healthcare Improvement: 21st Annual National Forum on Quality Improvement in Health Care, "Electronic Secure Messaging: Quality Communication?" (Hsiao AL, Bazzy-Asaad A, Tolomeo T, Edmonds D, Belton B, Benin AL) Orlando, FL

2009   Platform Presentation, Pediatric Academic Societies National Conference, "Validity and Reliability of Assessment of Dehydration in Children with Gastroenteritis Using Bedside Ultrasound" (Chen L, Riera A, Langhan M, Ching K, Hsiao AL), Baltimore, MD

2009   Platform Presentation, Pediatric Academic Societies National Conference, "TeleWound: The Remote Evaluation of Pediatric Wounds Using a Mobile Phone" (Hsiao AL, Chen L, Marshall C, Santucci KA), Baltimore, MD

2008   Platform Presentation, Eclipsys User Network National Conference, "E7000 to SCM at Yale-New Haven Hospital" (Hsiao AL, Shah N, McKiernan K, & Pontillo-Johnson S) Atlanta, GA

2006   Storyboard Presentation, Institute for Healthcare Improvement National Conference, "Impact of Point-of-Care Testing in Decreasing Length of Stay" (Hsiao AL, Santucci KA, & Baker MD) Orlando, FL

2006   Platform Presentation, Agency for Healthcare Quality and Research National Conference, "Dropping the Baton, Continuity of Information Errors" (Hsiao AL & Shiffman RN) Washington, D.C.

2006   Poster Presentation, Pediatric Academic Societies National Conference, "Correlation of Carboxyhemoglobin and Fetal Hemoglobin" (Hsiao AL, Santucci KA, Baker MD, & Baum CR) San Francisco, CA

2006   Poster Presentation, Pediatric Academic Societies National Conference, "Laryngeal Mask Airway Use in Pediatric Patients by Pre-Hospital Providers" (Chen L & Hsiao AL) San Francisco, CA

2005   Platform Presentation, Pediatric Academic Societies' Annual Conference, "Randomized Trial To Assess the Efficacy of Point-of-Care Testing in Decreasing Length of Stay in a Pediatric Department" (Hsiao AL, Santucci KA, Shiffman RN, & Baker MD) Washington, D.C.

2004   Platform Presentation, Pediatric Academic Societies' Annual Conference, "Serious Bacterial Illness in Older Febrile Infants" (Hsiao AL, Chen L, & Baker MD) San Francisco, CA

2003   Platform Presentation, North American Congress of Clinical Toxicology Annual Meeting "Detection of a Tobacco-Specific Carcinogen in the Urine of Children Exposed to Environmental Tobacco Smoke" (Baum CR, Listman DA, Hsiao AL, Carmella SG, & Hecht SS) Chicago, IL

2003   Platform Presentation, American Association of Clinical Chemistry National Meeting, "Laboratory method for estimating serum levels of 2,4-Di-NitroPhenol - A toxic agent abused for weight loss." (Mariappan MR, Baum C, Hsiao A, & Hodsdon M) Chicago, IL

2003   Workshop, American Academy of Pediatrics National Conference, "Fluorescence of Semen on Skin: A Forensic Evidence Study" (Santucci K, Hsiao AL, Chen L, Oen-Hsiao J, Kodama S,

& Roca D) New Orleans, LA
2003   Platform Presentation, American Academy of Pediatrics National Conference, Emergi-quiz Unknown Cases Presentation: "Duodenal Hematoma & Acidosis & Carbon Monoxide Poisoning" New Orleans, LA

Regional
2012   Poster Presentation, Pediatric Academic Societies National Conference, "Pediatric Asthma History Review by Patients Using iPads: Challenges and Adoption" (Hsiao AL, Michel G, Vitkauskas G, Pimentel P, Bazzy-Asaad A, Burns P, Filice C, Shiffman RN) Boston, MA
2009   Poster Presentation, American College of Emergency Physicians 2009 Scientific Assembly, Emergency Department Information System Adoption in the United States, Presentation (Landman AB, Bernstein SL, Hsiao AL, Desai RA) Boston, MA
2005   Platform Presentation, Eastern Society for Pediatric Research, "Randomized Trial To Assess the Efficacy of Point-of-Care Testing in Decreasing Length of Stay in a Pediatric Emergency Department" (Hsiao AL, Santucci KA, Shiffman RN, & Baker MD) Greenwich, CT
2004   Platform Presentation, Eastern Society for Pediatric Research, "Serious Bacterial Illness in Older Febrile Infants" (Hsiao AL, Chen L, & Baker MD) Greenwich, CT
2004   Platform Presentation, Eastern Society for Pediatric Research, "The Utility of Bedside Ultrasound Prior to Urinary Catheterization" (Chen L, Hsiao AL, Moore C, & Santucci KA) Greenwich, CT

Professional Service

Journal Service:
2004-present   Reviewer for *Acta Paediatrica, Ambulatory Pediatrics, Applied Clinical Informatics, Critical Care, Critical Care Journal of Pediatrics, European Journal of Pediatrics, Journal of the American Medical Informatics Association, Pediatrics, PLOS ONE*

Professional Organizations:

U.S. Food & Drug Administration
2022-present   Invited Expert Panel Member, Real-World-Accelerator to Improve the Standard of Collection and Curation of Race and Ethnicity Data in Healthcare (RAISE), Washington DC

Center for Leading Innovation & Collaboration (CLIC National CTSA Coordinating Center)
2020-present   Voting Member, Informatics Collaborative

New England Organ Bank/New England Donor Services
2020-present   Member, Clinical Advisory Board

Office of Head Start
2019-2021   Invited CT Representative, Preparing and Planning to Address the Opioid Crisis and Substance Use Disorders

Connecticut Office of Health Strategy
2019-2020   Invited Participant, Leveraging Connecticut's Health Information Exchange (HIE) to Support Genomic Medicine

Wolters Kluwer Health Sciences
2018-2020   Member, Customer Advisory Board

Association of American Medical Colleges
2017-2019   Member, EHR Optimization Group, Washington DC

Becker's Healthcare
2018-present   Reviewer, Becker's Hospital Review Annual Meeting, Chicago, IL
2017-present   Reviewer, Annual Health IT Conference, Chicago, IL

Johnson & Johnson
2017-present   Member, Strategic Advisory Board, New York, NY

National Center for Advancing Translational Sciences
2017-2018   Reviewer, Sharing Partnership for Innovative Research in Translation (SPIRiT) Award
                 Program, Bethesda, MD
2017-2018   Member, Research Consent Committee, Bethesda, MD

Clinical Research Forum
2017-present   Planning Committee, IT Roundtable Annual Meeting, Washington DC
2014-present   Member, IT Roundtable, Washington DC

American Medical Informatics Associations
2015-present   Member, Clinical Informatics Community of Practice, invitation only membership by
                the American Medical Informatics Association of board certified clinical informaticians
2022-present   Member, Fellow of the American Medical Informatics Association Review Committee

College of Healthcare Information Executives
2015-present   Member, Ann Arbor, MI

Health Management Academy
2014-present   Member, Chief Medical Information Officer Forum, Washington DC
2022-present   Member, CMIO Advisory Committee, Arlington, VA

Epic Systems Corporation
2014-present   Member, Pediatric Emergency Medicine Steering Board, Verona, WI
2011-present   Member, Physician Advisory Council, Verona, WI

National Association of Children's Hospitals and Related Institutions Health Information
2009-2013   Member, Technology Advisory Group, Alexandria, VA

Healthcare Information and Management Systems Society
2016-present   Member, Executive Institute
2012-present   Reviewer, HIMSS Analytics Site Reviews (National and International)
2009-present   Reviewer/Moderator, HIMSS National Conference
2009-present   Member

Connecticut State Medical Society
2008-present   Member

Academic Medical Centers Clinical Systems Collaborative
2006-2012   Member

2006-2009   Initiative Lead, Clinical Documentation

American Academy of Pediatrics
2009-2011   Member, COCIT Applications Committee/Technical Advisory Board
2006-present   Member, Council on Clinical Information Technology (COCIT)
2006-present   Member, Section of Pediatric Emergency Medicine

Association of Medical Directors of Information Systems
2006-present   Member, CMIO Collaborative

Eclipsys User Network
2006-2010   Member, CMIO Group Forum

Yale University Service:

University Committees
2015-2019   Member, Provost Data Governance Council, Yale University
2022-present   Member, Steering Committee, Yale Center for Research Computing, Yale University

Medical School Committees
2021-2022   Member, Search Committee, Senior Associate Dean for Biomedical Informatics & Data Science, Yale School of Medicine
2017-present   Member, Steering Committee, Center for Biomedical Data Science, Yale School of Medicine, New Haven, CT
2015-2017   Chair, Yale Medical Group Epic Operations Committee, Yale School of Medicine
2015-2016   ACGME Application Steering Committee, Yale Clinical Informatics Fellowship, Yale School of Medicine, New Haven, CT
2012-2015   Member, Yale Medical Group Implementation Committee, Yale School of Medicine
2009-2011   Member, Information Technology Steering Committee, Yale School of Medicine & Yale-New Haven Hospital

Departmental Committees
2020-present   Member, Sr. Appointments and Promotion Committee, Department of Pediatrics
2020-present   Member, Chair's Leadership Group
2015-2018   Member, Pediatric Optimization Committee, Department of Pediatrics & YNHHS
2006-present   Member, Fellow Selection Committee, Section of Pediatric Emergency Medicine
2005-present   Member, Intern Selection Committee, Department of Pediatrics

Health System & School Committees
2022-present   Member, Length of Stay Steering Committee, Yale New Haven Health
2021-present   Member, Cabinet of the Chief Clinical Officer, Yale New Haven Health
2020-present   Member, Joint Clinical and Operations Committee, Yale New Haven Health
2020-present   Member, Joint Health Data Governance Council, Yale New Haven Health & Yale University
2019-present   Co-Chair, Clinical Informatics Technology & Data Leadership, Yale New Haven Health & Yale School of Medicine
2019-present   Member, Physician Executive Council, Yale New Haven Health & Yale School of Medicine
2019-present   Member, Privacy and Information Security Subcommittee, Yale New Haven Health

        & Yale School of Medicine
2019-2020   Sponsor, Postmortem & Autopsy Improvement, Yale New Haven Health
2018-2020   Member, System Clinical Council, Yale New Haven Health
2018-present Member, System Quality Committee, Yale New Haven Health
2018-present Member, System Safety Subcommittee, Yale New Haven Health
2018-present Sponsor, System Data and Analytics Steering Committee, Yale New Haven Health
2015-2020   Member, HIPAA Privacy & Security Advisory Committee, Yale New Haven Health &
              Yale School of Medicine
2014-2019   Co-Chair, Clinical Leadership Council, Yale New Haven Health & Yale
              School of Medicine
2014-present Chair, Medical Information Officer Council
2014-2018   Member, Diagnostic Imaging Clinical Decision Support Committee, Yale New Haven
              Health System & Yale School of Medicine
2014-2018   Member, Joint Data Governance Committee, Yale School of Medicine
2013-present Chair, System Medical Records Committee, Yale New Haven Health
2013-present Member, Information Technology CIO Cabinet
2011-2015   Chair, Provider Advisory Group, Yale Epic Project
2011-present Member, Epic Management Team, Yale New Haven Health
2011-present Member, Information Systems & Technology Council, Yale New Haven Health
2011-present Member, Physician Decision Support Committee, Yale New Haven Health
2006-2018   Member, System Patient Safety and Quality Council, Yale New Haven Health

Hospital Boards & Committees
2016-present Member, Joint Leadership Council, Yale-New Haven Hospital
2016-present Member, Medical Leadership Council, Yale-New Haven Hospital
2015-2018   Member, Innovation Council, Yale-New Haven Hospital
2012-2015   Member, Medical Director Leadership Council, Yale-New Haven Hospital
2011-present Co-Chair, Medical Records & Clinical Information Committee, Yale-New Haven
              Hospital
2011-2015   Member, Epic Implementation Committee, Yale-New Haven Hospital
2011-2015   Member, Patient Safety and Quality Council, Yale-New Haven Hospital
2009-2011   Member, Electronic Medical Record Leadership Group, Yale-New Haven Hospital
2009-2011   Member, Electronic Medical Record Task Force, Yale-New Haven Hospital
2008-2014   Member, Electronic Medical Record Standards Committee, Yale-New Haven Hospital
2008-2010   Member, Form Factor Committee, Yale-New Haven Hospital
2008-2014   Member, Clinical Documentation Steering Committee, Yale-New Haven Hospital
2008-2010   Member, Adult Emergency Department Expansion Project Systems Subcommittee,
              Yale-New Haven Hospital
2007-2011   Member, Medical Records & Clinical Information Committee, Yale-New Haven
              Hospital
2007-2017   Member, Yale-New Haven Children's Hospital Quality Council, Yale-New Haven
              Children's Hospital
2007-2011   Member, Electronic Medical Record Subcommittee, Yale-New Haven Hospital
2007-2011   Member, Chief-of-Staff Electronic Medical Records Cabinet, Yale-New Haven
              Hospital
2007-2010   Co-Chair, Pharmacy & Therapeutics Clinical Information System Subcommittee, Yale-
              New Haven Hospital
2006-2010   Co-chair, Clinical Medical Systems Physician & Nursing Advisory Group, Yale-New
              Haven Hospital
2006-present Member, Information Systems & Technology Council, Yale-New Haven Hospital

2006-2011   Member, Sunrise Clinical Manager Steering Committee, Yale-New Haven Hospital
2006-2010   Member, Clinical Workstation Task Force, Yale-New Haven Hospital
2005-2012   Member, Sunrise Clinical Manager Analysts Committee, Yale-New Haven Hospital
2005-2007   Member, Pediatric Emergency Department Renovation Planning Committee, Yale-New Haven Children's Hospital

Yale Center for Biomedical and Interventional Technology
2016   Judge, Yale Healthcare Hackathon, New Haven, CT
2021   Mentor, Yale CBIT Healthcare Hackathon, New Haven, CT
2022   Judge, Yale CBIT Healthcare Hackathon, New Haven, CT

Bibliography

Peer-reviewed original research:

1. Chen L, **Hsiao AL**, Moore C, & Santucci KA. Utility of Bedside Bladder Ultrasound Prior to Urethral Catheterization in Infants. *Pediatrics*, Jan 2005; 115: 108-111. PMID 15629989
2. Shiffman RN, Dixon J, Brandt C, Essaihi A, **Hsiao A**, Michel G, & O'Connell R. The GuideLine Implementability Appraisal (GLIA): Development of an Instrument to Identify Obstacles to Guideline Implementation. *BMC Informatics and Decision Making,* 2005; 5: 23. PMID 16048653
3. **Hsiao AL**, Chen L, & Baker MD. Serious Bacterial Infection, Incidence and Predictors Among Infants 57 to 180 Days of Age. *Pediatrics*, May 2006; 117(5): 1695-701. PMID 16651326
4. **Hsiao AL**, Santucci KA, Dzuira, J, and Baker MD. A Randomized Trial to Assess the Efficacy of Point-of-Care Testing in Decreasing Length of Stay in a Pediatric Emergency Department. *Pediatric Emergency Care*, July 2007; 23(7): 457-62. PMID 17666926
5. Chen L, **Hsiao AL**. Randomized Trial of Tracheal Versus Laryngeal Mask Airway in Simulated Prehospital Pediatric Arrest. *Pediatrics*, Aug 2008; 122(2): e294-7. PMID 18644845
6. Park AJ, Latif AU, Shah AU, Tian J, Welin S, **Hsiao A**, Pashankar D, Bhandari V, Nagar A, Husain SZ. Changing Referral Trends of Acute Pancreatitis in Children: A 12-year Single-Center Analysis. *Journal of Pediatric Gastroenterology & Nutrition,* Sep 2009; 49(3): 316-22. PMID 19503003
7. **Hsiao AL**, Shiffman RN. Dropping the Baton During the Handoff Process from ED to Primary Care: Pediatric Asthma Continuity Errors. *The Joint Commission Journal on Quality and Patient Safety*, Sep 2009; 35(9): 467-74. PMID 19769207
8. Chen L, **Hsiao AL**, Riera A, Goodman TR. Diagnosis of Intussusceptions by Physician Novice Sonographers in the Emergency Department. *Journal of Ultrasound in Medicine*, 2010; 29(3): S26. PMID 22424652
9. Landman AB, Bernstein SL, **Hsiao AL**, Desai RA. Emergency Department Information System Adoption in the United States. *Academic Emergency Medicine,* May 2010; 17(5):536-44. PMID 20536810
10. Chen L, **Hsiao A**, Langhan L, Riera A, Santucci KA. Use of Bedside Ultrasound to Assess Degree of Dehydration in Children with Gastroenteritis. *Academic Emergency Medicine,* Oct 2010; 17(10): 1042-1047. PMID 21040104
11. **Hsiao AL**, Bazzy-Asaad A, Tolomeo C, Edmonds D, Belton B, Benin A. Secure Web Messaging in the Setting of a Pediatric Chronic Care Clinic: A Slow Takeoff of "Kids' Airmail." *Pediatrics,* Feb 2011; 127(2): e406-13. PMID 21220392
12. Riera A, **Hsiao AL**, Langhan ML, Goodman TR, Chen L. Diagnosis of Intussusception by Physician Novice Sonographers in the Emergency Department. *Annals of Emergency Medicine,* Sep 2012; 60(3): 264-8. PMID 22424652
13. Tepas JJ 3rd, Rimar JM, **Hsiao AL**, Nussbaum MS. Automated Analysis of Electronic Medical Record Data Reflects the Pathophysiology of Operative Complications. *Surgery*, Oct 2013; 154(4): 918-24. PMID 24074431

14. Michel J, **Hsiao A**, Fenick A. Using a Scripted Data Entry Process to Transfer Legacy Immunization Data While Transitioning Between Electronic Medical Record Systems. *Applied Clinical Informatics,* Mar 2014; 5(1): 284-98. PMID 24734139

15. Solad Y, Kashyap N, **Hsiao A**, Farrel JJ. Su1482 EPICC (Electronic Pancreatic Cyst Clinic) for Epic: A Live Electronic Medical Record Based Pancreatic Cystic Neoplasm Clinical and Research Registry. *Gastroenterology*, Mar 2015; 148(4): S-525.

16. Bernstein SL, Rosner J, DeWitt M, **Hsiao A**, Dziura J, Toll B. Design and Implementation of Decision Support for Tobacco Dependence Treatment in an Inpatient Electronic Medical Record. *Implementation Science,* Jul 2015; 10 (Suppl 1):A1. PMID 28194729

17. Siew L, **Hsiao A**, McCarthy P, Agrwal A, Lee E, Chen L. Reliability of Telemedicine in the Assess of Seriously Ill Children. *Pediatrics,* Mar 2016; 137(3): 1-6. PMID 26908666

18. Whitney R, Santucci K, **Hsiao A**, Chen L. Cost-effectiveness of Point-of-Care Testing for Dehydration in the Pediatric Emergency Department. *American Journal of Emergency Medicine*, Aug 2016; 34(8): 1573-5. PMID 27289438

19. Rothman M, Tepas JJ, Nowalk AJ, **Hsiao A**. Development and Validation of a Continuously Age-adjusted Measure of Patient Condition for Hospitalized Children Using the Electronic Medical Record. *Journal of Biomedical Informatics,* Feb 2017; 66: 180-193. PMID 2805765

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21. Huang R, Ning H, Baum CR, Chen L, **Hsiao A**. "What do you know?" – Knowledge Among Village Doctors of Lead Poisoning in Children in Rural China. *BMC Public Health*, Nov 23 2017; 17(1): 895. PMID 29169343

22. Lye CT, Forman HP, Gao R, Daniel JG, **Hsiao AL**, Mann MK, deBronkart D, Campos HO, Krumholz HM. Assessment of US Hospital Compliance With Regulations for Patients' Requests for Medical Records. *JAMA Open,* Oct 2018; 1(6). PMID 30646219

23. Bernstein SL, Weiss J, DeWitt M, Tetrault JM, **Hsiao AL**, Dziura J, Sussman S, Miller T, Carpenter K, O'Connor P, Toll B. A Randomized Trial of Decision Support for Tobacco Dependence Treatment   in an Inpatient Electronic Medical Record: Clinical Results. *Implementation Science,* Jan 2019; 14(1):8. PMID 30670043

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25. Lye CT, Krumholz HM, Eckroate JE, Daniel JG, deBronkart D, Mann MK, **Hsiao AL**, Forman HP. Evaluation of the Patient Request Process for Radiology Imaging in U.S. Hospitals. *Radiology,* Jun 11 2019; 292(2):409-413. PMID 31184560

26. Feinberg J, Shaw S, Kashyap N, Illuzzi J, Campbell K, **Hsiao AL**, Pettker CM. Evaluating the Impact of a New Smartphone Texting Tool on Patient Care in Obstetrics, an Emergent Healthcare Setting. *Applied Clinical Informatics,* Oct 2019; 10(5):879-887. PMID 31747710

27. Schulz WL, Durant TJS, Torre CJ Jr, **Hsiao AL**, Krumholz HM. Agile Health Care Analytics: Enabling Real-Time Disease Surveillance With a Computational Health Platform. *Journal of Medical Internet Research,* May 28 2020; 22(5):e18707. PMID 32442130

28. McPadden J, Warner F, Young HP, Hurley NC, Pulk RA, Singh A, Durant TJ, Gong G, Desai N, Haimovich A, Taylor RA, Gunel M, Dela Cruz CS, Farhadian SF, Siner J, Villanueva M, Churchwell K, **Hsiao A**, Torre CJ Jr, Velazquez EJ, Herbst RS, Iwasaki A, Ko AI, Mortazavi BJ, Krumholz HM, Schulz WL. Clinical Characteristics and Outcomes for 7,995 Patients with SARS-CoV-2 Infection. *medRxiv,* Jul 21 2020; :2020.07.19.20157305. Preprint. PMID: 32743602

29. Vaca FE, Dziura J, Abujarad F, Pantalon MV, **Hsiao A**, Field CA, D'Onofrio G. Trial Study Design to Test a Bilingual Digital Health Tool for Alcohol Use Disorders Among Latino Emergency Department Patients. *Contemporary Clinical Trials*. 2020 Sep; 96:106104. PMID: 32777381

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32. Ong SY, Stump L, Zawalich M, Edwards L, Stanton G, Matthews M, **Hsiao AL**. Inpatient Telehealth Tools to Enhance Communication and Decrease Personal Protective Equipment Consumption During Disaster Situations: A Case Study during the COVID-19 Pandemic. *Applied Clinical Informatics* 2020 Oct;11(5):733-741. PMID: 33147644

33. McPadden J, Warner F, Young HP, Hurley NC, Pulk RA, Singh A, Durant TJS, Gong G, Desai N, Haimovich A, Taylor RA, Gunel M, Dela Cruz CS, Farhadian SF, Siner J, Villanueva M, Churchwell K, **Hsiao A**, Torre CJ Jr, Velazquez EJ, Herbst RS, Iwasaki A, Ko AI, Mortazavi BJ, Krumholz HM, Schulz WL. Clinical Characteristics and Outcomes for 7,995 patients with SARS-CoV-2 infection. *PLoS One* 2021 Mar 31;16(3):e0243291. doi: 10.1371/journal.pone.0243291. PMID: 33788846

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35. Pulk RA, **Hsiao AL,** Murray MF, Stump L, Schulz WL. An Integrated Approach to Deploy Panel-Based Pharmacogenetic Testing and Clinical Decision Support. *Journal of Applied Laboratory Medicine* 2021 Jun 14:jfab043. doi: 10.1093/jalm/jfab043. 2021 Jul 7;6(4):1094-1096. PMID: 34125206

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39. Ahmad T, Desai NR, Yamamoto Y, Biswas A, Ghazi L, Martin M, Simonov M, Dhar R, **Hsiao A**, Kashyap N, Allen L, Velazquez EJ, Wilson FP. Alerting Clinicians to 1-Year Mortality Risk in Patients Hospitalized With Heart Failure: The REVEAL-HF Randomized Clinical Trial. JAMA Cardiol. 2022 Aug 10:e222496. doi: 10.1001/jamacardio.2022.2496. PMID: 35947362

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Health Care Inform. 2022 Nov;29(1):e100680. doi: 10.1136/bmjhci-2022-100680. PMID: 36423933; PMCID: PMC9692137.

Case Reports, Technical Notes, Letters:

41. Chu Y, **Hsiao A**, Liu Y, & Schneider H. Haemophilus Parainfluenza Endocarditis in a Pediatric Patient. *Current Opinions in Pediatrics,* Feb 2001; 13(1): 75-9.
42. **Hsiao AL**, Santucci KA, Seo-Mayer P, Mariappan MR, Hodsdon ME, Banasiak KJ, & Baum CR. Pediatric Fatality Following Ingestion of Dinitrophenol: Post-Mortem Identification of a "Dietary Supplement." *Journal of Toxicology,* 2005; 43(4): 281-5. PMID 16035205

Editorials, Reviews, Chapters, Books:

43. **Hsiao, A**. Perspectives From the Other Side. *Rhode Island Medicine,* Oct 1995; 78(10): 297-8. PMID 8541621
44. Santucci KA, **Hsiao AL**. Advances in Clinical Forensic Medicine. *Current Opinion in Pediatrics*, June 2003; 15(3): 304-8. PMID 12806262
45. **Hsiao AL**. & Baker, MD. Fever in the New Millennium: A Review of Recent Studies of Markers of Serious Bacterial Infection in Febrile Children. *Current Opinion in Pediatrics*, Feb 2005;17(1): 56-61. PMID 15659965
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