CHRISTOPHER A. LONGHURST, MD, MS, FAAP, FACMI

PERSONAL INFORMATION

Office Address	████████████████
Internet Addresses	███████████
Contact Numbers	████████

FACULTY AND ADMINISTRATIVE APPOINTMENTS

Nov 2015 – current	**UC San Diego School of Medicine** Associate Dean (Oct 2021 – current) Clinical Professor of Medicine (Biomedical Informatics) and Pediatrics (2015 – current) **UC San Diego Health** Executive Director, Jacobs Center for Health Innovation (2022 – current) Chief Medical Officer & Chief Digital Officer (2021 – current) Associate Chief Medical Officer for Quality and Patient Safety (2018 – 2021) Chief Information Officer (2015 – 2021) **Stanford University School of Medicine** Consulting Faculty, Biomedical Informatics Training Program
July 2004 – Dec 2015	**Stanford Medicine** Founding Program Director, Clinical Informatics fellowship (2013-2015) (first ACGME-accredited CI fellowship in the nation) **Stanford University School of Medicine** Clinical Professor (2015) of Pediatrics (primary) and Biomedical Informatics (secondary) Clinical Associate Professor (2012 – 2015) of Pediatrics (primary) and Biomedical Informatics (by courtesy) Clinical Assistant Professor (2006 – 2012) of Pediatrics Clinical Instructor, Division of General Pediatrics (2004 – 2006) **Stanford Children's Health** VP of Informatics (2011 – 2015) and Analytics (2012 – 2015) Chief Medical Information Officer (2009 – 2015) Medical Director, Clinical Informatics (2008 – 2010) Physician Lead, Clinical Informatics (2004 – 2008)
2004 – 2008	**Santa Clara Valley Medical Center, Department of Pediatrics** Part-time NICU Hospitalist, Division of Neonatology

EDUCATION

2002 – 2004	**Stanford University Medical Center** Pediatric Residency
2001 – 2002	**Stanford University Medical Center** Pediatric Internship
1996 – 2001	**University of California at Davis, School of Medicine** M.D., June 2001 **University of California at Davis, Graduate Group in Medical Informatics** M.S., June 2000
1992 – 1996	**University of California at San Diego** B.S., Molecular Biology, *magna cum laude*
1988 – 1992	**Jesuit High School** Sacramento, CA

LICENSURE & CERTIFICATION

Expires Jan 2024	Diplomate (inaugural), Clinical Informatics, American Board of Preventive Medicine (original certification 2014)
Expires Dec 2027	Diplomate, American Board of Pediatrics (original certification Oct 2004, renewed Oct 2014)
Expires Mar 2023	Controlled Substance Registration (BL7973642), Drug Enforcement Administration (original certification Sept 2002)
Expires Jan 2024	Physician and Surgeon License (A80051), Medical Board of California (original Aug 2002, expires Jan 2022)
Expires July 2022	Neonatal Resuscitation Program (NRP) Provider

PROFESSIONAL MEMBERSHIPS

2014 – current	American College of Medical Informatics (ACMI)
2009 – current	College of Healthcare Information Management Executives (CHIME)
2005 – current	Association of Medical Directors of Information Systems (AMDIS)
1999 – current	American Medical Informatics Association (AMIA)

HONORS, AWARDS, & RECOGNITION

June 2022	One of 9 health system executives recognized among Top 150 Digital Transformation Executives (https://www.constellationr.com/blog-news/top-150-digital-transformation-executives-remarkable-leadership-amidst-accelerated-post)
Oct 2021	UC Davis School of Medicine Alumni Association's 2021 Transformational Leadership Award
May 2017	San Diego Top Tech Exec award (http://www.toptechexecs.com/2017-top-tech-exec-awards-recap/)
June 2015	AMDIS Award for Excellence, Outstanding Achievement and Special Recognition in Applied Medical Informatics
April 2015	HISTalk Award for "Most Effective Clinical Informatics Professional"
Nov 2014	Elected Fellow, American College of Medical Informatics (http://www.amia.org/programs/acmi-fellowship)
Oct 2014	"25 CMIO's to Know" – Becker's Hospital Review (http://www.beckershospitalreview.com/lists/25-cmios-to-know.html)
2012, 2011, 2010	Modern Healthcare magazine "Top 25 Clinical Informaticist" award during the inaugural year (2010) and two subsequent
2015	Stanford University School of Medicine, Office of the Dean Award for Teaching Excellence, Letter of Distinction (2004-2005, 2010-2014) Honor Roll for Teaching (2009-2010, 2014-2015)
2012	2012 Computerworld Honors Laureate in Innovation category (accepted by Natalie Pageler, Chris Longhurst, and Paul Sharek on behalf of Lucile Packard Children's Hospital)
2010	Stanford University School of Medicine 2010 Faculty Fellow
2001	Ernest Gardner Award for Outstanding Student in Neurology
2000, 2001	Theordore Hartzell Medical Scholarship Award
2000, 2001	MacKenzie Foundation Scholarship
Summer 2000	UC Davis School of Medicine Predoctoral Research Fellowship
1997 – 2001	James Foundation Medical Student Scholarship

FORMAL MENTORING (FACULTY, FELLOWS AND GRADUATE STUDENTS)

2019 – 2021	Jeff Reeves, MD (UC San Diego Health surgical resident)

FORMAL MENTORING (FACULTY, FELLOWS AND GRADUATE STUDENTS)

2015 – 2017	Yumi DiAngi, MD, and Yaniv Kerem, MD (2015 - 2017 Stanford fellows in clinical informatics)
2014 – 2016	Veena Goel, MD and N. Lance Downing, MD (2014 - 2016 Stanford fellows in clinical informatics)
2013 – 2015	Pediatric Clinical Educator (CE) Mentoring Program – mentor for 6 junior faculty members (Arash Anoshiravani, Natalie Pageler, Jonathan Palma, Lindsay Stevens, Rajiv Kumar, Julie Pantaleoni)
2010 – 2015	Advising Faculty, Biomedical Informatics Training Program. Advise and oversee MS and PhD student projects including Sarah Poole (PhD candidate).
2005 – 2015	Rotation Director of Clinical Informatics elective for pediatric residents at Stanford University Medical Center
2012	Michael Tierney, MD – M.S. student in medical informatics at Oregon Health Science University; provided oversight of practicum at Stanford/LPCH
2009 – 2012	Jon Palma, MD – Clinical Fellow in Neonatology at Stanford University School of Medicine with informatics research focus; Scholarly Oversight Committee member
2009 – 2010	Natalie Pageler, MD –Clinical Fellow in Pediatric Critical Care Medicine at Stanford University School of Medicine with informatics research focus; Scholarly Oversight Committee member

TEACHING RESPONSIBILITY

2014-2015	Instructor of Record for Biomedical Informatics 208, Clinical Informatics Literature Review (http://bmi208.stanford.edu)

EXTRAMURAL FUNDING

2022-2023	**Health Resources & Services Administration (HRSA-22-135) – business official for 12 month $1M telehealth grant**
2020-present	**California Department of Public Health – principal investigator for 6 month $2M grant to expand CA Notify exposure notification system statewide**
2012	Hewlett Packard corporate grant – co-principal investigator for $4M grant over 10 years; used in part to fund HP endowed fellows in Clinical Informatics at Stanford University Medical Center
2010	Hewlett Packard corporate grant – principal investigator for $100k grant to introduce automated real-time patient-centered quality/safety dashboards in the EMR at LPCH
2009	LPCH Innovations in Patient Care Grant – helped Dr. Andrew Shin earn $25k in funding for development of real-time automated EMR-based CVICU dashboard.
2009	LPCH Innovations in Patient Care Grant – helped Dr. Scott Sutherland earn $15k in funding for development of renal transplant trigger tool in collaboration with Drs. Paul Sharek, and Steve Alexander
2007 – 2009	Hewlett Packard – LPCH partnership – helped to bring $1.4M in hardware grants over 3 years as well as $500k in research funding in collaboration with Dr. Atul Butte (PI) to investigate supervised machine learning methods applied to clinical data repository

SELECT INVITED PRESENTATIONS, NATIONAL / INTERNATIONAL

Nov 7, 2023	AI & Patient Safety Conference, Salt Lake City – "Healthcare AI on the Front Lines: Beyond the Hype"
Oct 4, 2023	Stanford Lean Healthcare Keynote – "Building a Learning Health System with Lean Processes and Digital Health Tools"
June 28, 2023	**Grand Rounds**, **Vanderbilt**, Nashville, Tennessee – "Iterating and Innovating a Highly Reliable, Learning Health System"
June 16, 2023	Blue Ridge Academic Health Group – "Using Technology to Leverage Health Professionals"
June 4, 2023	CHIME / AIMed Conference, "The Digital Health Journey to a Highly Reliable, Learning Health System"
April 26, 2023	Vizient CMO Power Hour, "Building a Highly Reliable< Learning Health System"
March 27, 2023	Royal Children's Hospital, **Grand Rounds in Pediatrics, Melbourne, Australia** – "Building a 21st Century Learning Health System"
March 21, 2023	University of Melbourne Summit for Digital Health Transformation, **Australia** - The Digital Journey To A Learning Health System
Jan 27, 2023	Clinical Informatics Symposium, **Cincinnati Children's Hospital**, – "Building a Highly Reliable Learning Health System"
Aug 23, 2022	Amrita Hospital, **Delhi, India** – "Data-driven Medicine in the AI Era"
Aug 20, 2022	San Diego County Medical Society Annual Retreat, Palm Springs, CA - "Digital Health Equity"
July 20, 2022	**Grand Rounds** in Informatics, Memorial Sloan Kettering – "Building a Highly Reliable Learning Health System"
April 28, 2022	Conf-AI, Plaksha University, India - "Enhancing Patient Safety with AI"

Christopher A. Longhurst, MD, MS

S<small>ELECT</small> I<small>NVITED</small> P<small>RESENTATIONS</small>, N<small>ATIONAL</small> / I<small>NTERNATIONAL</small>

April 4, 2022	Harvard Computational Health Informatics Program (CHIP) Frontline Dispatch Series – "Building a Highly Reliable LHS"
March 30, 2022	BAMIS 10th Annual Symposium, Stanford, CA – "Building a Highly Reliable Learning Health System"
Dec 7, 2021	Node.Health 5th Annual Digital Medicine Conference – "Unconventional Innovation Partnerships Inspired by Unconventional Times"
Nov 9, 2021	UC San Diego, **Grand Rounds** in Emergency Medicine – "Achieving High Reliability through People, Process, and Technology"
Oct 7, 2021	St. Jude Children's Research Hospital, **Grand Rounds** – "Evidence-based Pediatric Medicine in the EMR Era"
Aug 10, 2021	HIMSS 2021, Las Vegas, NV, "SMART Health Cards for Digitally Verifying Clinical Information"
Aug 4, 2021	American Immunization Registry Association (AIRA), "SMART Health Cards for Digitally Verifying Clinical Information"
July 21, 2021	Scottsdale Institute, "The Growing Adoption of Digital Vaccine Records" webinar
July 15, 2021	NCQA / HL7 Digital Quality Summit 2021, "Health IT Innovations in the COVID Era"
June 15, 2021	Precision Medicine World Conference 2021, Panel on "Use of EHR Data to Support a Public Health Response to COVID-19"
May 28, 2021	Bill & Melinda Gates Foundation, Summit on Exposure Notifications – "CA Notify Implementation & Outcomes"
April 27, 2021	Harvard Department of Biomedical Informatics, **Grand Rounds** – "Applied Clinical Informatics Innovations in the COVID Era"
Feb 25, 2021	Stanford Children's Health, COVID Updates – "Exposure Notification Systems and Children"
Nov 22, 2019	Valley Children's Hospital, Fresno, CA, **Grand Rounds** – "Evidence-based Pediatric Medicine in the EMR Era"
Oct 16, 2019	Toronto Sick Kids, **Grand Rounds** in Pediatrics – "Evidence-based Pediatric Medicine in the EMR Era"
Aug 8, 2019	UC San Diego, **Grand Rounds** in Dermatology - "Evidence-based Medicine and Physician Burnout in the EMR Era"
July 26, 2019	American Academy of Family Physicians, Kansas City, MO – main stage presentation on "The Future of Health IT"
April 23, 2019	Healthcare Innovation Summit, San Diego, CA – "Physician Burnout and Data-Driven Medicine in the EHR Era"
Mar 7, 2019	Rady Children's Hospital, **Grand Rounds** in Pediatrics – "Evidence-based Medicine and Physician Burnout in the EMR Era"
Aug 28, 2018	Epic User Group Meeting, Madison, WI – "Clinician Wellness in the EMR Era: International Lessons Learned"
Aug 1, 2018	Health Informatics Society of Australia (HISA), **Sydney, Australia** – "Clinician Burnout in the EMR Era" (plenary)
July 29, 2018	Health Informatics Society of Australia (HISA), **Sydney, Australia** – "Health IT Megatrends and Workforce Implications"
July 13, 2018	Health IT Summit Series, Denver, CO – "Clinician Burnout in the EHR Era"
April 20, 2018	Hasso Plattner Institute, University of Potsdam, **Potsdam, Germany** – "Aligning Health IT with Health Megatrends"
April 18, 2018	ConHIT Annual Conference, **Berlin, Germany** – "Aligning Health IT with Health Megatrends"
March 30, 2018	Washington University Institute for Informatics (I2) Scientific Symposium, St. Louis, MO – External Advisory Board panel
March 26, 2018	HFMA/CAHL Spring Conference, Sacramento, CA – Panel Discussion "C-suite View on Leadership and Change Management"
March 1, 2018	OHSU **Grand Rounds** in Clinical Informatics, Portland, OR – "Evidence-based Medicine in the EMR Era"
Feb 3, 2018	ACMI Annual Conference, Scottsdale, Arizona – "Collaborative Informatics Science: Opportunities and Challenges in the AMC"
October 11, 2017	Health Informatics Society of Australia (HISA), **Brisbane, Australia** – "Health IT Megatrends and High-Value Healthcare"
August 10, 2017	Clinical Excellence Research Center (CERC), Stanford University – "Health IT Megatrends and High-Value Healthcare"
June 30, 2017	HIMSS 1st Annual Patient Engagement Summit, San Diego, CA – "Connected Health is the next Blockbuster Drug"
June 22, 2017	AMDIS Annual Conference, Ojai, CA – Panel presentation on "Evolving Roles and Relationship of the CIO/CMIO"
Feb 4, 2017	ACMI Annual Conference, Duck Key, Florida – "Clinical Informatics 2.0 Requires Blurring Academic and Service Roles"
Jan 24, 2017	San Diego, Healthcare Informatics Summit – "Evidence-based Medicine in the EMR Era"
Jan 12, 2017	UC San Francisco, **Grand Rounds** in Medicine – "Evidence-based Medicine in the EMR Era"
Oct 18, 2016	UC San Diego, **Grand Rounds** in Radiology – "Bringing Big Data to the Bedside"
Sept 22, 2016	AACC Point of Care Conference, **Copenhagen, Denmark** – Using Consumer Technology to Integrate Patient Data in the EHR
June 20, 2016	CHIME Boot Camp for CMIOs, Ojai, CA – "Building Health IT Teams"
May 3, 2016	Stanford University, **Grand Rounds** in Radiology – "Bringing Big Data to the Bedside"
April 18, 2016	Indiana University, Children's Health Services Symposium, Indianapolis, IN – "Evidence-based Informatics for Child Health"
March 7, 2016	NLM Data Forum, Salt Lake City, UT – "Evidence-based Medicine in the EMR Era"
October 16, 2015	Midwest Bioinformatics Conference, Kansas City, MO – Invited Keynote "Bringing Big Data to the Bedside"
Sept 2, 2015	Epic User Group Meeting, Madison, WI – EMR-enabled self-service analytics
August 19, 2015	MedInfo 2015, **Sao Paulo, Brazil** – CDS Tutorial
July 17, 2015	Jurong Health Services, **Singapore** – Improving Healthcare Value with the EMR
July 16, 2015	Jurong Health Services, **Singapore** – Transitioning from Implementation to Operations: Lessons at Stanford
June 25, 2015	AMDIS Panel, Ojai, CA - Deriving Value from Health IT panel
May 27, 2015	Health Technology Forum 2015 Innovation Conference, Burlingame, CA – CMIO panel
Mar 22, 2015	Big Data in Biomedicine, Stanford, CA – "Bringing Big Data to the Bedside with the Green Button"
Jan 27, 2015	Personalized Medicine World Conference, Mountain View, CA – Panel on "Supporting Precision Medicine with Health IT"
Dec 10, 2014	Kaiser Permanente Northern California Department of Research, Oakland, CA – "Evidence-based Clinical Informatics"
Nov 16, 2014	AMIA 2014, Washington DC - panel on "Latest Developments in Informatics Certification and Accreditation
Nov 14, 2014	Evidence-based Veterinary Medicine Association (EBVMA) – "Evidence-based Medicine in the EMR Era"
Oct 23, 2014	New Children's Hospital, **Dublin, Ireland** – "Digitizing Healthcare for Children: The Stanford Children's Experience"
Oct 13, 2014	CHOC Pediatric Innovation Conference – "An Alarming Trend: Data-driven Vital Sign Limits"
Oct 12, 2014	AAP Council on Clinical Information Technology – "Switching EMR Systems"
Oct 3, 2014	St. Louis Children's Hospital, St. Louis, MO – "Evidence-based Clinical Informatics"
June 9, 2014	AAMC spring conference – plenary keynote with Dr. Natalie Pageler on "Refocusing Medical Education in the EMR Era"

SELECT INVITED PRESENTATIONS, NATIONAL / INTERNATIONAL

Nov 4, 2013	Singularity University FutureMed conference, San Diego, California – "Shifting to Practice-based Evidence"
July 10, 2013	Indiana University School of Medicine, **Grand Rounds** in the Department of Pediatrics at Riley Children's Hospital
July 9, 2013	New York University Medical Center, **Grand Rounds** in the Department of Pediatrics
April 18, 2013	HISA, **Melbourne, Australia** – Invited keynote "Using Big Data to Shift from Evidence-based Practice to Practice-based Evidence"
April 17, 2013	University of **Auckland**, School of Public Health, Invited Seminar "Using Big Data to Shift to Practice-based Evidence"
Mar 25, 2013	iHT2 conference, San Francisco, CA – "Using Big Data to Shift from Evidence-based Practice to Practice-based Evidence"
Feb 5, 2013	Singularity University FutureMed Executive Program, Mountain View, CA – "Digitizing Healthcare: Opportunities and Predictions"
Jan 30, 2013	Santa Clara Valley Medical Center, San Jose, CA – **Grand Rounds** in the Department of Pediatrics with Dr. Natalie Pageler
Nov 6, 2012	AMIA panel session, Chicago, IL – Pediatric Safety Risks from Unintended Consequences of the Use of EMRs Designed for Adults
Sept 25, 2012	Mott Children's Hospital, Ann Arbor, MI – Aileen Sedman Annual **Grand Rounds** in Pediatric Informatics
Sept 13, 2012	Hospital Council Summit of Northern California, San Francisco, CA – "The Packard Children's Experience"
Aug 8, 2012	Royal Children's Hospital, **Melbourne, Australia** – "Digitizing Healthcare: The Packard Children's Experience"
Aug 7, 2012	Southern Health, **Melbourne, Australia** – "Digitizing Healthcare: The Packard Children's Experience"
Aug 7, 2012	Australian Centre for Healthcare Innovation, **Melbourne, Australia** – "Digitizing Healthcare: The Packard Children's Experience"
Aug 3, 2012	Queensland Health, **Brisbane, Australia** – "Digitizing Healthcare: The Packard Children's Experience"
Aug 3, 2012	Queensland Children's Hospital, **Brisbane, Australia** - "Digitizing Healthcare: The Packard Children's Experience"
Aug 3, 2012	Mater Health Services, **Brisbane, Australia** – "Digitizing Healthcare: The Packard Children's Experience"
June 27, 2012	AMDIS Annual Conference, Ojai, CA – "Regulating the EMR: Point / Counterpoint" with Dr. David Classen
May 7, 2012	Healthcare Informatics Executive Summit, Orlando, FL – "Leveraging the EMR for Patient Safety and Improved Clinical Outcomes"
April 28, 2012	American College of Physician Executives annual meeting, San Francisco, CA – "Leading Innovation in Healthcare IT"
April 26, 2012	Epic Physician Advisory Council, Madison, WI – "Integrating BiliTool in the EMR"
April 19, 2012	Children's Hospital Association CIO Forum, San Diego, CA – "Agile Analytics in Healthcare"
Apr 11, 2012	UC Davis Health Informatics seminar – "Cases Studies in Clinical Decision Support: The Stanford Experience"
Feb 20, 2012	HIMSS 2012, Las Vegas, NV – Clinical Decision Support Panel
Oct 26, 2011	AMIA 2011, Washington DC – "Real-time Patient Dashboards Enhance Patient Safety and Quality Improvement"
July 13, 2011	AMDIS 20th Annual Conference, Ojai, CA – "Beyond MU: Leveraging the EMR for Clinical Effectiveness"
May 12, 2011	Healthcare Informatics Exec Summit, SF, CA – The Challenge of Building High Performing Clinical Informatics Teams
May 11, 2011	Singularity University FutureMed Executive Program, Mountain View, CA – "Digitizing Healthcare"
May 4, 2011	Salinas Valley Memorial Health System **Grand Rounds**, Salinas, CA – "Evidence-based EMR Implementation"
March 21, 2011	Palo Alto Rotary Club – "Digitizing Healthcare: Successes and Challenges"
March 16, 2011	HP 2011 Analyst Summit, San Francisco, CA – "Evidence-based EMR Implementation: The LPCH Case Study"
March 10, 2011	NIH Workshop on EHR Research Priorities, Washington D.C. – "EHR Data Harmonization, Standardization, and Quality"
February 22, 2011	HIMSS 2011, Orlando, FL – "The New HIT Landscape: Now that you have an EHR—what next?"
January 27, 2011	HIMSS Northern California Symposium – "The New HIT Landscape: Now that you have an EHR—what next?"
January 12, 2011	UC Davis Health Informatics symposium – "Evidence-based Clinical Informatics: The Stanford Journey"
July 14, 2010	AMDIS 19th Annual Conference, Ojai, CA – "Evidence-based CPOE Implementation: Achieving Meaningful Outcomes"
July 8, 2010	Singularity University, Mountain View, CA – "Future of Medicine: The EMR and PHR"
March 9, 2010	Providence Hospital **Grand Rounds**, Anchorage, AL – "Evidence-based EMR Implementation in Neonatology"
March 1, 2010	HIMSS 2010 Physician Session, Atlanta, GA – "Activation Strategies for CPOE and Clinical Documentation"
Feb 3, 2010	Child Health Corporation of America (CHCA) annual CEO meeting, Mountain View, CA – "PHR's at LPCH"
Nov 6, 2009	Lucile Packard Children's Hospital **Grand Rounds** – "Promises and Challenges of Healthcare IT Locally and Nationally"
Nov 3, 2009	13th Annual Healthcare Internet Conference, Las Vegas, NV – "Evidence-based PHR Implementation"
Oct 26, 2009	Child Health Corporation of America (CHCA) annual CIO/CMIO meeting – "Implementing an Untethered PHR at LPCH"
Oct 5, 2009	Cerner Health Conference 2009 mini-keynote – "Optimization of the EMR using Web Technology"
July 22, 2009	Singularity University, Mountain View, CA – "Future of Medicine: The EMR and PHR"
June 2, 2009	O'Connor Hospital **Grand Rounds**, San Jose, CA – "Avoiding Unintended Consequences of Health IT Implementations"
April 26, 2009	Tawam Hospital, Al Ain, United Arab Emirates – "Driving Quality Improvement with the EMR"
April 25, 2009	Al Corniche Women's Hospital , Abu Dhabi, United Arab Emirates – "EMR Implementation in Neonatology/Obstetrics"
March 4, 2009	HP Health & Life Sciences Symposium, Phoenix, AZ – "Driving Quality Improvement with CPOE"
Jan 16, 2009	HIMSS Colorado Chapter Annual Meeting Keynote Address, Denver, CO – "An Evidence-based CPOE Implementation"
Dec 12, 2008	University of New Mexico, **Grand Rounds** – "An Evidence-based Clinical Transformation"
Dec 7, 2008	Vermont Oxford Network Quality Congress, Washington DC – "Evidence-based EMR Implementation in Neonatology"
Oct 13, 2008	Cerner Health Conference 2008 – "Activation Strategies for CPOE and Clinical Documentation"
July 16, 2008	Cerner Regional User Group Keynote Speech – "Evidence-based EMR Implementations and Unintended Consequences"
July 8, 2008	San Francisco Bay Area Chapter of ACM CHI – "Computer Human Interface in Healthcare IT"
May 22, 2008	Stanford University School of Medicine, Introduction to Medicine for Innovators – "Electronic Medical Records 101"
May 13, 2008	HP Health & Life Sciences Symposium, Orlando, FL – "Unintended Consequences of Technology in Healthcare"
April 10, 2008	Child Health Corporation of America (CHCA) annual CIO/CMIO meeting – "Evidence-based EMR Implementation"
March 27, 2008	San Ramon Regional Medical Center, CA – **Grand Rounds** on "Evidence-based Implementation of CDS Systems"
March 25, 2008	Children's Hospital of Oakland, CA – **Grand Rounds** on "Evidence-based EMR Implementation in a Children's Hospital"

SELECT INVITED PRESENTATIONS, NATIONAL / INTERNATIONAL

July 11, 2007	Community Hospital of Monterey Peninsula, Monterey, CA – **Grand Rounds** on "CPOE and Patient Safety"
January 29, 2007	EHR and E-Prescribing Summit, Anaheim, CA – "Unintended Consequences of Healthcare IT Implementations"
Oct 9-11, 2006	Cerner Health Conference 2006 – "Automating the Physician Signout Process," "Evidence-based Preparation for CPOE," and "Optimizing Information Retrieval for Physicians"
May 8, 2006	UC Davis Medical Informatics lecture series, Sacramento, CA – "CPOE, Patient Safety, and Pediatric Informatics"
Oct 10, 2005	Cerner Health Conference, Orlando, FL – Co-speaker on panel "Improving Physician Collaboration and Workflow"
2004 – 2006	AAP Life After Residency; Invited to represent careers in medical informatics at a panel session.
April 25, 2001	Electronic Medical Records (EMR 210), UC Davis; Invited to guest lecture on "Handheld Computers in Medicine"
November 30, 2000	Introduction to Medical Informatics (MDI 210), UC Davis; Invited to guest lecture on "Medical Decision Making"
September 12, 2000	Physician Scientist Training Program, UC Davis; "Diagnostic Decision Support for Congenital Heart Disease"

MAJOR COMMITTEE ASSIGNMENTS, AFFILIATED INSTITUTIONS

2018 – current	Initiative Management Council (Member)	UC San Diego Health
	Radiology Information Systems Steering Committee (Co-Chair)	UC San Diego Health
2017 – current	Quality Council (Co-Chair)	UC San Diego Health
	Quality Public Profile (Co-Chair)	UC San Diego Health
	Enterprise Systems Renewal Executive Committee (Member)	UC San Diego campus
	Laboratory Information Systems Steering Committee (Co-Chair)	UC San Diego Health
	Clinical IT Executive Committee (Member)	UC Irvine Health
	EMR Collaboration Steering Committee (Co-Chair)	UC Riverside Health
2016 – current	Information Services Executive Committee (Chair)	UC San Diego Health
	Cybersecurity Executive Oversight (Member)	UC San Diego campus
	Telemedicine Collaborative Executive Committee (Member)	UCOP / UC Health
	PRIME Executive Oversight (Member)	UC San Diego Health
2015 – current	IT Services Governance Committee (Member)	UC San Diego campus
	Executive Governing Body (ad-hoc member)	UC San Diego Health
	Operational Excellence Steering Council (Member)	UC San Diego Health
2010 – 2015	Stanford faculty search committees	
	Department of Radiology search for Associate Chair of Radiology Informatics	
	Department of Radiology search for Pediatric Radiologist with Clinical Informatics	
	Department of Medicine search for Associate Dean of Clinical Research Informatics	
2013 – 2015	Transforming Patient Care, Ad Hoc Committee of the Dean	Stanford School of Medicine
2011 – 2015	Stanford Center for Clinical Informatics Advisory Committee (Member)	Stanford School of Medicine
2011 – 2015	Lane Library Advisory Committee	Stanford School of Medicine
2010 – 2015	Medical Executive Committee (Member)	LPCH
2010 – 2015	Faculty Practice Organization Leadership Committee (Member)	LPCH
2010 – 2015	Information Services Board Subcommittee (Non-voting attendee)	LPCH
2009 – 2015	Information Services Executive Committee (Member)	LPCH
2009 – 2015	Information Services Strategic Team (Member)	LPCH
2008 – 2015	Information Services Physician Advisory Group (Chair)	LPCH
2008 – 2015	Clinical Resource Management Oversight Committee (Member)	LPCH
2006 – 2015	Electronic Order Set Committee (Chair)	LPCH
2006 – 2012	Clinical Decision Support Committee (Chair)	LPCH
2006 – 2008	Innovations in Patient Care grant committee (Member)	LPCH
2006 – 2008	Integrated Documentation Committee (Chair)	LPCH
2006 – 2008	Residency Selection Committee (Member)	Stanford School of Medicine
2005 – 2015	Pediatric Informatics Rotation (Instructor of Record)	Stanford School of Medicine
2005 – 2015	LPCH Information Services Leadership Committee (Member)	LPCH
2004 – 2015	Clinical Transformation Project Management Oversight Committee (Member)	LPCH
2004 – 2015	Quality Improvement Oversight Committee (Member)	LPCH
2004 – 2015	Patient Safety Committee (Member)	LPCH
2001 – 2006	Pediatric Housestaff Website (Editor)	LPCH
1999 – 2001	Associate Dean of Medical Education Search Committee (student member)	UC Davis School of Medicine
1997 – 2000	UCD SOM Admissions Committee (student member)	UC Davis School of Medicine

MAJOR COMMITTEE ASSIGNMENTS, NATIONAL / INTERNATIONAL

MAJOR COMMITTEE ASSIGNMENTS, NATIONAL / INTERNATIONAL

2021 – present	VCI National Steering Committee (https://vci.org/about)
2019 – current	Stanford Biomedical Informatics (BMI) Training Program Curriculum Advisory Committee
2019 – current	Smart4Health EU Advisory Board (https://www.smart4health.eu) on Health Data Interoperability
2018 – current	University of California Health, Center for Data-Driven Innovation – Board member
2017 – current	Washington University, St. Louis, MO – External Advisory Board member for Informatics Institute
2017 - 2018	American Board of Preventive Medicine – Clinical Informatics board exam question writing committee
2010 – 2017	Association of Medical Directors of Information Systems (AMDIS) annual symposium planning committee
2014 – 2015	American Board of Pediatrics (ABP) Task Force on Informatics
2012 – 2015	Co-founder and advisor, CRIT (CDS Reducing Inappropriate Transfusions) quality improvement collaborative (http://CRIT.stanford.edu) which has eliminated tens of thousands of unnecessary blood transfusions across the US
2011 – 2014	HIMSS Physician IT symposium planning committee
2011	NHLBI Workshop on EHR Research Priorities to Improve Cardiopulmonary Health in Clinical Practice (http://www.nhlbi.nih.gov/meetings/workshops/ehr.htm)
2008 – 2010	Vermont Oxford Network – Neonatal Quality Improvement Collaborative (faculty)
2007	Created and organized NICHQ / NACHRI "Don't Automate Junk" conference (3/18/2007)

EDITORIAL AND REVIEW BOARDS

2015 – current	*Learning Health Systems* (Editorial Board member)
2012 – current	*Applied Clinical Informatics* (Associate Editor)
2010 – current	*Healthcare Informatics* (Editorial Advisory Board member)
2015 – current	*NEJM* (ad hoc reviewer)
2009 – current	*Pediatrics* (ad hoc reviewer)
2012 – current	*Journal of the Medical Informatics Association (JAMIA)*
2018 – current	*Journal of the Medical Informatics Association (JAMIA) Open*

INDUSTRY CONSULTING AND ADVISORY BOARDS

2023 – current	Smart Check-In PBC Board Director (https://smartcheckin.me/team)
2019 – current	KLAS Advisory Board (https://klasresearch.com/advisory-board)
2019 – 2021	Carequality Advisory Council (https://carequality.org/get-involved/advisory-council/)
2018 – 2021	Leapfrog CPOE Expert Panel (http://www.leapfroggroup.org/survey-materials/survey-and-cpoe-materials)
2018 – 2020	AT&T DirecTV Healthcare Advisory Council
2018 – current	San Diego Mothers' Milk Bank (https://health.ucsd.edu/specialties/obgyn/maternity/newborn/lactation/Pages/Mothers-Milk.aspx), the first milk bank in southern California, co-directed by Drs. Lisa Stellwagen and Jae Kim
2011 – current	Medical advisory board member for Doximity (http://doximity.com), a physician-focused digital health startup founded by Jeff Tangney
2015 – 2020	Advisory board member for Grand Rounds Health (https://www.grandrounds.com/), a second opinion service founded by Dr. Lawrence "Rusty" Hofmann
2011 – 2018	Advisory board member for HealthLoop (http://healthloop.com/), a consumer-focused digital health startup founded by Dr. Jordan Shlain, until acquisition by GetWell
2013 – 2015	Strategic advisory board for Spok (http://www.spok.com/meet-spok/SAC), a secure messaging solution used at Stanford
2013 – 2015	Medical advisory board member for Gobiquity Mobile Health (http://gobiquity.com), a mobile device start-up company
2013 – 2015	Medical advisory board member for Kyron (http://kyron.com/), a failed big data startup funded by Vinod Khosla
2012 – 2013	Independent contractor for Silver Lake Sumeru (http://www.silverlake.com/sumeru/) providing consultative review of potential acquisition targets and advice about optimizing value of current holdings
2010	Independent consultant for HealthTap (https://www.healthtap com/), a health IT startup founded by Ron Gutman
2008	Independent contractor for Silver Lake (http://www.silverlake.com) providing investment advice about the potential acquisition of a high end clinical decision support company (UpToDate)

INDUSTRY CONSULTING AND ADVISORY BOARDS

2008 – 2010	Faculty Expert for Vermont Oxford Network (http://www.vtoxford.org/) quality improvement collaborative focused on implementing an EMR in intensive care nurseries.
2009	Unpaid consultant to aid in EMR vendor selection process at Sidra Medical Center (http://sidra.org) in Doha, Qatar.
2008	Co-founder of Imler Longhurst & Greene (ILG), a failed health IT startup company focused on creating automated health advice for consumers.
2006 – 2007	Independent contractor helping to develop the Google Health product (http://google.com/health).
2005 – current	Co-founder of BiliTool, LLC (http://bilitool.org), a freely available web-based tool for hyperbilirubinemia risk assessment.
2004 – 2005	Independent contractor for Epocrates (http://www.epocrates.com/) to help with pediatric content development and strategic direction.

PEER-REVIEWED PUBLICATIONS - HTTPS://ORCID.ORG/0000-0003-4908-6856 (REVERSE CHRONOLOGIC ORDER)

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2. Classen DC, **Longhurst CA**, Davis T, Milstein JA, Bates DW. Inpatient EHR User Experience and Hospital EHR Safety Performance. *JAMA Netw Open*. 2023;6(9):e2333152. Published 2023 Sep 5. PMID: 37695581.
3. Aronoff-Spencer E, Mazrouee S, Graham R, Handcock MS, Nguyen K, Nebeker C, Malekinejad M, **Longhurst CA**. Exposure notification system activity as a leading indicator for SARS-COV-2 caseload forecasting. *PLoS One*. 2023 Aug 18;18(8):e0287368. PMID: 37594936.
4. Tai-Seale M, Baxter S, Millen M, Cheung M, Zisook S, Çelebi J, Polston G, Sun B, Gross E, Helsten T, Rosen R, Clay B, Sinsky C, Ziedonis DM, **Longhurst CA**, Savides TJ. Association of physician burnout with perceived EHR work stress and potentially actionable factors. J Am Med Inform Assoc. 2023 Jul 20. PMID: 37475168.
5. Dameff C, Tully J, Chan TC, Castillo EM, Savage S, Maysent P, Hemmen TM, Clay BJ, **Longhurst CA**. Ransomware Attack Associated With Disruptions at Adjacent Emergency Departments in the US. *JAMA Netw Open*. 2023 May 1;6(5):e2312270. PMID: 37155166.
6. Ayers JW, Poliak A, Dredze M, Leas EC, Zhu Z, Kelley JB, Faix DJ, Goodman AM, **Longhurst CA**, Hogarth M, Smith DM. Comparing Physician and Artificial Intelligence Chatbot Responses to Patient Questions Posted to a Public Social Media Forum. *JAMA Intern Med*. 2023 Apr 28. PMID: 37115527.
7. Wardi G, Owens R, Josef C, Malhotra A, **Longhurst C**, Nemati S. Bringing the Promise of Artificial Intelligence to Critical Care: What the Experience With Sepsis Analytics Can Teach Us. *Crit Care Med*. 2023 Apr 26. PMID: 37098790.
8. Rabbani N, Pageler N, Hoffman J, **Longhurst CA**, Sharek P. Association between electronic health record implementations and hospital-acquired conditions in pediatric hospitals. *Appl Clin Inform*. 2023 Apr 19. PMID: 37075806.
9. Isakari M, Sanchez A, Conic R, Peretti J, Saito K, Sitapati AM, Millen M, **Longhurst C**. Benefits and Challenges of Transitioning Occupational Health to an Enterprise Electronic Health Record. J Occup Environ Med. 2023 Apr 12. PMID: 37043385.
10. Ogan WS, **Longhurst CA**. Lessons Learned From Digital Vaccine Records During a Pandemic, *Mayo Clinic Proceedings Digital Health*, Volume 1, Issue 2, March 2023, Pages 60-62, https://doi.org/10.1016/j.mcpdig.2023.02.002
11. Rogers P, Boussina AE, Shashikumar SP, Wardi G, **Longhurst CA**, Nemati S. Optimizing the Implementation of Clinical Predictive Models to Minimize National Costs: Sepsis Case Study. *J Med Internet Res*. 2023;25:e43486. Published 2023 Feb 13. PMID 36780203.
12. Classen DC, **Longhurst C**, Thomas EJ. Bending the patient safety curve: how much can AI help? NPJ Digit Med. 2023 Jan 4;6(1):2. PMID: 36599913.
13. Stevens LA, Pageler NM, **Longhurst CA**. Medical Student and Trainee Notes in the Electronic Health Record Era. *Chest*. 2022 Dec;162(6):1238-1240. PMID: 36494125.
14. Goldhaber NH, Kohn JN, Ogan WS, Sitapati A, **Longhurst CA**, Wang A, Lee S, Hong S, Horton LE. Deep Dive into the Long Haul: Analysis of Symptom Clusters and Risk Factors for Post-Acute Sequelae of COVID-19 to Inform Clinical Care. *Int J Environ Res Public Health*. 2022 Dec 15;19(24):16841. PMID: 36554723.
15. Baxter SL, Saseendrakumar BR, Cheung M, Savides TJ, **Longhurst CA**, Sinsky CA, Millen M, Tai-Seale M. Association of Electronic Health Record Inbasket Message Characteristics With Physician Burnout. *JAMA Netw Open*. 2022 Nov 1;5(11):e2244363. PMID: 36449288.
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17. El-Kareh R, Brenner DA, **Longhurst CA**. Developing a highly-reliable learning health system. Learn Health Syst. 2022 Oct 27;7(3):e10351. PMID: 37448457; PMCID: PMC10336486.. PMID 37448457.
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