

## CURRICULUM VITAE

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**Current Appointment:** Deputy Director, Division of Digital Healthcare Research  
Senior Advisor for Clinical Informatics  
Senior Biomedical Research and Biomedical Product  
Assessment Service (SBRBPAS)  
RS-0602

**Agency/Office Assignment:** U.S. Department of Health and Human Services  
Agency for Healthcare Research and Quality  
Center for Evidence and Practice Improvement

**Federal Certification(s):** Contracting Officer's Representative (COR), Level III

**Summary** Physician, clinical informatician, and healthcare strategist with extensive experience in digital health innovation, clinical decision support, and federal digital health programs. As Senior Advisor for Clinical Informatics and Deputy Director for Digital Healthcare Research at the Agency for Healthcare Research and Quality (AHRQ), led over \$100 million in investments advancing AI-driven healthcare solutions, patient-centered technology, and quality improvement through clinical decision support and digital quality measurement. Collaborated with key federal agencies, including CMS, FDA, NIH, and VA, and served on committees at the National Academy of Medicine to help shape national health IT strategy and advance learning health systems. Strong foundation in evidence-based medicine, interdisciplinary leadership, and health informatics and dedicated to driving scalable, technology-enabled solutions that enhance patient care, safety, and healthcare delivery.

**Education:**

2024-2025	Artificial Intelligence Federal Leadership Program (for SES/SES equivalent staff only), Partnership for Public Service, Washington, DC
2008-2010	Clinical Informatics Fellowship, Yale Center for Medical Informatics, New Haven, Connecticut
2001-2004	Pediatrics Internship and Residency, Yale-New Haven Hospital, New Haven, Connecticut
1997-2001	M.D., University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania
1993-1997	B.A., University of Pennsylvania, Philadelphia, Pennsylvania

**Career:**

2024-present	Deputy Director, Division of Digital Healthcare Research, Center for Evidence and Practice Improvement, Agency for Healthcare Research and Quality, Rockville, Maryland
2022-present	Senior Advisor for Clinical Informatics, Center for Evidence and Practice Improvement, Agency for Healthcare Research and Quality, Rockville, Maryland
2014-2022	Physician and Chief of Clinical Informatics, Division of Digital Healthcare Research, Center for Evidence and Practice Improvement, Agency for Healthcare Research and Quality, Rockville, Maryland
2016	Adjunct Faculty, Department of Health Administration and Policy, George Mason University, Fairfax, Virginia
2015-2016	Acting Director, Division of Health IT, Center for Evidence and Practice Improvement, Agency for Healthcare Research and Quality, Rockville, Maryland
2013-2014	Supervisory Medical Officer and Chief, Health IT Branch, Office of Quality and Data, Bureau of Primary Health Care, Health Resources and Services Administration, Rockville, Maryland
2012-2013	Medical Officer, Office of Extramural Research, Education, and Priority Populations, Agency for Healthcare Research and Quality, Rockville, Maryland
2010-2012	Staff Service Fellow, Office of Extramural Research, Education, and Priority Populations, Agency for Healthcare Research and Quality, Rockville, Maryland
2004-2008	Clinical Instructor, Yale School of Medicine, New Haven, Connecticut
2004-2008	Attending Physician, Whitney Pediatrics, P.C., Hamden, Connecticut
2002-2004	Pediatrics Resident, Yale-New Haven Hospital, New Haven, Connecticut
2001-2002	Pediatrics Intern, Yale-New Haven Hospital, New Haven, Connecticut
1995-1997	Student Researcher, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania

## Board Certification

2014-present Clinical Informatics, American Board of Preventive Medicine  
2004-2021 Pediatrics, American Board of Pediatrics

## Professional Licensure

2010-present Maryland physician's license  
2004-2010 Connecticut physician's license

## Training Fellowships and Scholarships

2008-2010 Postdoctoral fellowship, National Library of Medicine Biomedical Informatics Research Training Program, Yale Center for Medical Informatics, New Haven, Connecticut  
1998 Summer research scholarship, Society of Pediatric Research and American Pediatric Society, Boston Children's Hospital, Boston, Massachusetts

## Awards

2022 AHRQ Director's Award of Excellence [group award] for the Patient-Centered Outcomes Research Trust Fund Strategic Planning Committee, Agency for Healthcare Research and Quality, Rockville, MD.  
2021 Distinguished Poster Award: Krautscheid P, Mikk K, Teran M, **Lomotan EA**. Building with CEDAR and making evidence more FAIR. American Medical Informatics Association (AMIA) Annual Symposium 2021, San Diego, CA.  
2019 Innovation in Healthcare Award [group award for CDS Connect]. Igniting Innovation 2019 Conference and Awards, American Council for Technology and Industry Advisory Council, Washington, DC.  
2016 AHRQ Director's Award of Merit [individual award]. Agency for Healthcare Research and Quality, Rockville, MD.  
2014 Outstanding Podium Presentation, Practice Category. Poker A, Nair S, **Lomotan EA**. HRSA-ONC Beacon Program to Improve Quality of Health Care for Community Health Centers Through the Use of Health Information Technology. Summer Institute in Nursing Informatics 2014, Baltimore MD. Published in Computers, Informatics, Nursing. 2014; 32(8):363-4.

## Professional Service

### Federal work groups

2024-present	HHS Artificial Intelligence Task Force Research and Evaluation
2024-present	HHS Data Council, Data Modernization, Office of the Secretary, Office of the Assistant Secretary for Planning and Evaluation
2020-present	Federal Health IT Coordinating Council FHIR Work Group
2020-present	Value Set Work Group, Centers for Medicare & Medicaid Services
2020-2024	Electronic Clinical Quality Measures Governance Group, Centers for Medicare & Medicaid Services
2018-2020	Expert Federal Judge for the “Making Technology Work for Care Planning and Coordination for Children with Special Health Care Needs (CSHCN)” federal challenge led by the Health Resources and Services Administration
2014-2019	HHS Measure Authoring Tool Change Control Board
2014-2016	Health IT Implementation, Safety, and Usability Work Group (work group of the Health IT Policy Committee, a Federal Advisory Committee to the Office of the National Coordinator for Health IT) – ex officio representative from the Agency for Healthcare Research and Quality
2015-2016	ONC Health IT Safety Collaborative with RTI – Work Group on Usability and Medication Safety
2015-2016	Networking and Information Technology Research and Development (NITRD) Program – Human Computer Interaction and Information Management group and Health IT Research and Development group
2013-2014	HHS Advisory Group to NQF-convened Work Group on Care Coordination Measurement
2013-2014	Federal Clinical Decision Support Collaboratory
2013-2014	HHS Measures Coordination Group
2011-2014	Centers for Medicare & Medicaid Services eMeasures Issues Group
2013	ONC Health IT Workforce Panel: Ready the workforce for health care transformation: identifying gaps and setting educational priorities to support patient-centered, team-based health care delivery enabled by health IT
2012-2013	National Heart, Lung, and Blood Institute – National Blood Disorders Program Coordinating Committee
2012-2013	Federal Asthma Disparities Working Group
2012-2013	Health Resources and Services Administration e-Pediatric Research in Office Settings (ePROS) Network
2012-2013	Secretary’s Initiative on Sickle Cell Disease
2011-2012	Text4Baby Subcommittee of the Text4Health HHS Task Force

### Service to external organizations

2024-present	National Academy of Medicine, Evidence Mobilization Action Collaborative
2023-present	National Academy of Medicine, Learning Health System Initiative

2022-present	Learning Health System Maturity Model Initiative, AcademyHealth and University of Michigan Department of Learning Health Sciences
2022-2024	Coalition for Health AI (CHAI)
2024	National Academy of Medicine, Evidence Mobilization Action Collaborative
2023	Reviewer for JCO Clinical Cancer Informatics
2023	Reviewer for AMIA Annual Symposium
2022	Reviewer for JAMIA
2022	Reviewer for Applied Clinical Informatics Journal
2021	Health Level 7 Pediatric Care Health IT Functional Profile Work Group
2021	Reviewer for AMIA Annual Symposium
2021	Reviewer for AMIA Clinical Informatics Conference
2020	Reviewer for JAMIA
2020	Reviewer for AMIA Annual Symposium
2020	Reviewer for AMIA Clinical Informatics Conference
2019	Reviewer for Applied Clinical Informatics Journal
2018	Reviewer for the American Journal of Managed Care
2018	Reviewer for AMIA Annual Symposium
2016-2021	Steering Committee, Patient-Centered Clinical Decision Support Learning Network
2017-2018	Expert Work Group for the Health IT Safety Measures Project, Mathematica Policy Research
2017	Planning Committee, Informatics Track, American College of Preventive Medicine Annual Meeting
2016-2017	National Academy of Medicine, “Optimizing Strategies for Clinical Decision Support,” Panel Member and Planning Committee Member
2015-2016	Academy Health, Electronic Data Methods Forum, Steering Committee
2016	Peer reviewer for Academy Health Annual Research Meeting, “Innovations” theme
2014	National Association of Community Health Centers (NACHC) Advisory Group on Improving STI Preventive Services through Clinical Decision Support
2011-2013	AHRQ Liaison to the American Academy of Pediatrics Steering Committee on Quality Improvement and Management
2010-2011	AHRQ representative to the Secretary’s Advisory Committee on Hereditary Disorders in Newborns and Children Health IT Workgroup
2009	Peer reviewer for <i>BMC Health Services Research</i>

## **Professional Organizations**

### American Medical Informatics Association

2018-present Fellow

2008-present Member

American Academy of Pediatrics

2004-2021 Fellow

2004-2018 Member, Council on Clinical Information Technology

New Haven Pediatrics Society

2004-2007 Co-chair

**Bibliography:**

Peer-reviewed original articles

Dullabh P, Dhopeswarkar R, Cope E, Gauthreaux N, Zott C, Peterson C, Leaphart D, Hoyt S, Hammer A, Ryan S, Swiger J, **Lomotan EA**, Desai P, CDSiC Annual Meeting Planning Committee. Advancing patient-centered clinical decision support in today's healthcare ecosystem: key themes from the Clinical Decision Support Innovation Collaborative's 2023 Annual Meeting. JAMIA Open, Volume 7, Issue 4, December 2024, ooae109, <https://doi.org/10.1093/jamiaopen/ooae109>.

Valdez RB, Dymek C, Chaney K, **Lomotan EA**. AHRQ's digital healthcare research program: 20 years of advancing innovation and discovery, J Am Med Inform Assoc 2024: ocae251, <https://doi.org/10.1093/jamia/ocae251>.

Sittig DF, Boxwala A, Wright A, Zott C, Gauthreaux NA, Swiger J, **Lomotan EA**, Dullabh P. Patient-centered clinical decision support challenges and opportunities identified from workflow execution models. J Am Med Inform Assoc 2024: 1-11, <https://doi.org/10.1093/jamia/ocae138>.

Friedman CP, **Lomotan EA**, Richardson JE, Ridgeway JL. Socio-technical infrastructure for a learning health system. Learn Health Sys 2024; 8(1):e10405. doi:10.1002/lrh2.10405.

Shenvi EC, Boxwala A, Sittig DF, Zott C, **Lomotan EA**, Swiger J, Dullabh P. Visualization of patient-generated health data: a scoping review of dashboard designs. Appl Clin Inform 2023. 14(05): 913-922. DOI: 10.1055/a-2174-7820.

Dhopeswarkar RV, Freij M, Callaham M, Desai PJ, Harrison MI, Swiger J, **Lomotan EA**, Dymek C, Dullabh P. Lessons learned from a national initiative promoting publicly available standards based clinical decision support. Appl Clin Inform 2023; 14(3). DOI: 10.1055/s-0043-1769911.

Sitting DF, Boxwala A, Wright A, Zott C, Desai P, Dhopeswarkar R, Swiger J, **Lomotan EA**, Dobes A, Dullab P. A lifecycle framework illustrates eight stages necessary for realizing the benefits of patient-centered clinical decision support. *J Am Med Inform Assoc* 2023: ocad122, <https://doi.org/10.1093/jamia/ocad122>.

Soares S, Afshar M, Moesel C, Grasso MA, Pan E, Solomonides A, Richardson JE, Barone E, **Lomotan EA**, Schilling LM. Playing in the clinical decision support sandbox: tools and training for all. *JAMIA Open* 2023;6(02).

Shero ST, Ammary-Risch NJ, **Lomotan EA**, Mardon RE, Michaels M. Creating implementable clinical practice guidelines: the 2020 Focused Updates to the National Heart, Lung, and Blood Institute's Asthma Management Guidelines. *Implement Sci Commun* 2023;4;36; DOI: 10.1186/s43058-023-00417-3.

Lobach DF, Boxwala A, Kashyap N, Heaney-Huls K, Chiao AB, Rafter T, **Lomotan EA**, Harrison MI, Dymek C, Swiger J, Dullabh P. Integrating a patient engagement app into an electronic health record-enabled workflow using interoperability standards. *Appl Clin Inform* 2022;13(05);1163-1171 DOI: 10.1055/s-0042-1758736.

Van Leeuwen D, Mittelman M, Fabian L, **Lomotan EA**. Nothing for me or about me, without me: codesign of clinical decision support. *Appl Clin Inform* 2022; 13(03): 641-646 DOI: 10.1055/s-0042-1750355.

Dullabh P, Heaney-Huls K, Lobach DF, Hovey LS, Sandberg SF, Desai PJ, **Lomotan EA**, Swiger J, Harrison MI, Dymek C, Sittig DF, Boxwala A. The technical landscape for patient-centered CDS: progress, gaps, and challenges. *J Am Med Inform Assoc*. 2022: 0:1-5.

Marcial LH, Blumenfeld B, Harle C, Jing X, Keller MS, Lee V, Lin Z, Dover A, Midboe AM, Al-Showk S, Bradley V, Breen J, Fadden M, **Lomotan E**, Marco-Ruiz L, Mohamed R, O'Connor P, Rosendale D, Solomon H, Kawamoto K. Barriers, facilitators, and potential solutions to advancing interoperable clinical decision support: multi-stakeholder consensus recommendations for the opioid use Case. *AMIA Annu Symp Proc*. 2020 Mar 4;2019:637-646. PMID: 32308858; PMCID: PMC7153100.

**Lomotan EA**, Meadows G, Michaels M, Michel JJ, Miller K. To share is human! Advancing evidence into practice through a national repository of interoperable clinical decision support. *Appl Clin Inform* 2020;11:112–121.

Marcial LH, Richardson JE, Lasater B, Middleton B, Osheroff JA, Kawamoto K, Ancker JS, van Leeuwen D, **Lomotan EA**, Al-Showk S, Blumenfeld BH. The imperative for patient-centered clinical decision support. *eGEMS (Generating Evidence & Methods to improve patient outcomes)*. 2018 May;6(1):12; DOI: <http://doi.org/10.5334/egems.259>.

Van de Velde, S., Kunnamo, I., Roshanov, P., Kortteisto, T., Aertgeerts, B., Vandvik, P. O.,

Flottorp, S., & **GUIDES expert panel** (2018). The GUIDES checklist: development of a tool to improve the successful use of guideline-based computerised clinical decision support. *Implementation science: IS*, 13(1), 86. <https://doi.org/10.1186/s13012-018-0772-3>.

Wald JS, Haque SN, Rizk S, Webb JR, Brown S, Ebron S, Lehmann CU, Frisse M, Shorte VA, **Lomotan EA**, Dailey BA, Johnson KB. Enhancing health IT functionality for children: the 2015 Children's EHR Format. *Pediatrics*. 2018 March, e20163894; DOI: 10.1542/peds.2016-3894.

Nix M, McNamara P, Genevro J, Vargas N, Mistry K, Fournier A, Shofer M, **Lomotan E**, Miller T, Ricciardi R, Bierman A. Learning collaboratives: insights and a new taxonomy from AHRQ's two decades of experience. *Health Affairs*. 2018 February;37(2).

Boris JR, Béland MJ, Bergensen LJ, Colan SD, Dangel J, Daniels CJ, Davis C, Everett AD, Franklin R, Gaynor JW, Gray DT, Hirsch-Romano JC, Jacobs JP, Jacobs M, Jeffries H, Krogmann ON, **Lomotan EA**, Lopez L, Marelli A, Martin GR, Matherne GP, Mavroudis C, McCardle K, Pearson GD, Rosenthal G, Scott JS, Serwer GA, Seslar SS, Shaddy R, Slesnick T, Vener DF, Walters HL 3rd, Weinberg PM. 2017 AHA/ACC Key data elements and definitions for ambulatory electronic health records in pediatric and congenital cardiology: a report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards. *J Am Coll Cardiol*. 2017 Aug 22;70(8):1029-1095.

**Lomotan EA**, Dougherty D. Pediatric health care quality measures: considerations for pharmacotherapy. *Pediatric Drugs*. 2013;15:441-447.

**Lomotan EA**, Hoeksema LJ, Edmonds DE, Ramirez-Garnica G, Shiffman RN, Horwitz LI. Evaluating the use of a computerized clinical decision support system for asthma by pediatric pulmonologists. *Int J Med Inform*. 2012;81:157-65.

Hoeksema LJ, Bazy-Asaad A, **Lomotan EA**, Edmonds DE, Ramirez-Garnica G, Shiffman RN, Horwitz LI. Accuracy of a computerized clinical decision-support system for asthma assessment and management. *J Am Med Inform Assoc*. 2011;18:243-250.

**Lomotan EA**, Michel G, Lin Z, Shiffman RN. How "should" we write guideline recommendations? Interpretation of deontic terminology in clinical practice guidelines: survey of the health services community. *Qual Saf Health Care*. 2010;19(6):509-13.

**Lomotan EA**, Brown KA, Speaker TJ, Offit PA. Aqueous-based microcapsules are detected in primarily gut-associated dendritic cells after oral inoculation of mice. *Vaccine*. 1997;15:1959-1961.

### Special publications

Tcheng JE, Bakken S, Bates SDW, Bonner H III; Gandhi TK, Josephs M, Kawamoto K, **Lomotan EA**, Mackay E, Middleton B, Teich JM, Weingarten S, and Hamilton Lopez M, editors. 2017. Optimizing Strategies for Clinical Decision Support: Summary of a Meeting



Series. Washington, DC: National Academy of Medicine.

### Texts

Randhawa GS and **Lomotan EA**, “Harnessing Big Data-Based Technologies to Improve Cancer Care,” chapter in *Advancing the Science of Implementation across the Cancer Continuum*, Chambers DA, Vinson CA, Norton WE (eds), Oxford University Press, 2018.

Chung AE, Evans CS, White PJ and **Lomotan EA**, “Evidence-based Health Care,” chapter in *Clinical Informatics Study Guide*, Finnell JT and Dixon BE (eds.), Springer International, 2016 (1<sup>st</sup> ed), 2022 (2<sup>nd</sup> ed).

### Peer-reviewed presentations

Liu S, McCoy A, Zahn L, Russo E, Zott C, Gauthreaux N, Swiger J, **Lomotan EA**, Sittig D, Dullabh P, Wright A. Development of a Prototype for Patient Artificial Intelligence Guided E-messages (PAIGE) (poster). American Medical Informatics Association (AMIA) Annual Symposium 2024, Washington DC.

Dullabh P, Zott C, Gauthreaux N, Swiger J, **Lomotan EA**, Sittig D. Validating a Performance Measurement Framework through Real-World Experience in PC CDS Measurement (poster). American Medical Informatics Association (AMIA) Annual Symposium 2024, Washington DC.

Nix M, **Lomotan EA**, Teran M, Dorr D. Implications of digital advances on clinical guideline trustworthiness and dissemination through a reimaged national repository (panel). American Medical Informatics Association (AMIA) Annual Symposium 2023, New Orleans, LA.

**Lomotan EA**, Bright T, Middleton B, Dobes A, Levy B. Resolution: clinical decision support resources should be freely and publicly available to all (panel debate). American Medical Informatics Association (AMIA) Annual Symposium 2023, New Orleans, LA.

Sittig D, Boxwala A, Wright A, Zott C, Swiger J, **Lomotan EA**, Dullabh P. Challenges and opportunities identified from workflow execution models for advancing patient-centered clinical decision support (poster). American Medical Informatics Association (AMIA) Annual Symposium 2023, New Orleans, LA.

Dhopeshwarkar R, Sittig D, Zott C, Desai P, **Lomotan EA**, Swiger J, Dullabh P. Using a stakeholder driven-process to advance patient-centered clinical decision support: visual framework for clinical decision support innovation collaborative efforts (poster). American Medical Informatics Association (AMIA) Annual Symposium 2023, New Orleans, LA.

Zott C, **Lomotan EA**, Dullabh P, Leaphart D, Swiger J, Stynes C, Boxwala A, Sittig D. A dashboard for shared decision-making: putting patient-generated health data and clinical decision support together (poster). American Medical Informatics Association (AMIA) Annual Symposium 2023, New Orleans, LA.

Hadley M, **Lomotan EA**. CEDAR: FAIR clinical evidence in action (systems demonstration). American Medical Informatics Association (AMIA) Annual Symposium 2022, Washington, DC.

Albero K, Chang C, Robertson E, **Lomotan EA**. Need FAIR evidence? Use CEDAR to discover and retrieve research findings (panel). American Medical Informatics Association (AMIA) Annual Symposium 2022, Washington, DC.

Dullabh P, Lobach DF, Kashyap N, Boxwala A, **Lomotan EA**. Implementing patient-centered clinical decision support: current state, future directions, and real-world experience (panel presentation). American Medical Informatics Association (AMIA) Clinical Informatics Conference 2022, Houston, TX.

Krautscheid P, Mikk K, Teran M, **Lomotan EA**. Building with CEDAR and making evidence more FAIR (poster). American Medical Informatics Association (AMIA) Annual Symposium 2021, San Diego, CA.

Krautscheid P, Hadley M, Teran M, **Lomotan EA**. AHRQ CEPI Evidence Discovery and Retrieval (CEDAR) (virtual poster presentation). Mobilizing Computable Biomedical Knowledge Annual Conference 2021, Washington DC.

**Lomotan EA**, Fabian L, van Leeuwen D, Mittelman M. Nothing for me or about me, without me: co-design of clinical decision support (virtual panel). American Medical Informatics Association (AMIA) Clinical Informatics Conference 2021, virtual.

Dullabh P, Sandberg S, Hovey L, Heaney-Huls K, Rajendran N, Marino N, Lobach D, Boxwala A, Dymek D, **Lomotan EA**, Sittig D. A horizon scan of patient-centered clinical decision support – what does the future hold (poster). 13<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health 2020, virtual.

Sandberg S, Dullabh P, Hovey L, Heaney-Huls K, Rajendran N, Marino N, Al-Showk S, **Lomotan EA**, Sittig DF. Using social science methods to conduct a horizon scan to identify gaps and opportunities for future development in patient-centered clinical decision support (poster). American Medical Informatics Association (AMIA) Annual Symposium 2020, virtual.

Fabian L, Moesel C, Al-Showk S, Gamache R, **Lomotan EA**. CDS Connect – a platform for sharing and authoring CDS (virtual poster presentation). Mobilizing Computable Biomedical Knowledge Annual Conference 2020, Washington DC.

Al-Showk S, **Lomotan EA**, Miller K, Hettinger AZ, Michel J. Quantifying efficiencies gained through shareable clinical decision support resources (panel presentation). American Medical Informatics Association (AMIA) Annual Symposium 2019, Washington, DC.

Al-Showk S, Moesel C, Sebastian S, Meadows G, Bernstein S, Nix M, **Lomotan EA**. Authoring and integrating interoperable clinical decision support: CDS Connect open source tools (systems demonstration). American Medical Informatics Association (AMIA) Annual Symposium 2019, Washington, DC.

Moesel C, Valdes K, Meadows G, Al-Showk S, Ngo-Metzger Q, Sebastian S, **Lomotan EA**. Interoperable consumer decision support: CDS Connect and b.well (systems demonstration). American Medical Informatics Association (AMIA) Annual Symposium 2019, Washington, DC.

Osheroff JA, Robbins C, Alper B, Little D, **Lomotan EA**. Results from a multi-stakeholder action plan to better leverage patient-centered clinical decision support in addressing the opioid misuse crisis (panel presentation). American Medical Informatics Association (AMIA) Annual Symposium 2019, Washington, DC.

**Lomotan EA**, Meadows G, Michaels M, Michel J, Miller K. To share is human! CDS Connect: a growing national repository of shareable, interoperable, clinical decision support (panel presentation). American Medical Informatics Association (AMIA) Clinical Informatics Conference 2019, Atlanta, GA.

Michaels M, **Lomotan EA**. Maximizing synergy between federal health information and technology programs (educational session). Healthcare Information and Management Systems Society (HIMSS) Global Conference and Exhibition 2019, Orlando, FL.

Al-Showk S, Moesel C, **Lomotan EA**, Hickey S, Sebastian S, Bernstein S, Ricciardi R. CDS Connect: authoring and sharing interoperable CDS for opioids and pain management (system demonstration). American Medical Informatics Association (AMIA) Annual Symposium 2018, San Francisco, CA.

Moesel C, Al-Showk S, Bernstein S, Brown N, Hickey S, Nix M, Sebastian S, **Lomotan EA**. Pain management summary: A SMART on FHIR dashboard for managing pain (FHIR showcase demonstration). American Medical Informatics Association (AMIA) Annual Symposium 2018, San Francisco, CA.

Nix M, Moesel C, Sebastian S, Bernstein S, **Lomotan EA**. A guideline developer's potential future state: using a clinical decision support authoring tool during guideline development (poster). Guidelines International Network Conference 2018, Manchester, U.K.

Nix M, Al-Showk S, Bernstein S, Dymek C, **Lomotan EA**. Creating and disseminating patient-centered clinical decision support (poster). Guidelines International Network Conference 2018, Manchester, U.K.

**Lomotan EA**. CDS Connect: a new repository and authoring tool for sharing clinical decision support (panel presentation). Health Datapalooza 2018, Washington, DC.

**Lomotan EA** and McCready R. A national repository of widely-shareable, computable clinical decision support (educational session). Healthcare Information and Management Systems Society (HIMSS) Global Conference and Exhibition 2018, Las Vegas, NV.

Mohanty N, Quilty M, Moesel C, **Lomotan EA**, Hamilton A, Foster S, Rittner SS, Carr J, Clavijo S, Schafer B, Al-Showk S. An innovation pilot: leveraging a centralized clinical decision

support repository to implement evidence into practice (poster). Academy Health Conference on the Science of Dissemination and Implementation 2017, Arlington, VA.

**Lomotan EA**, deBronkart D, Blumenfeld B, McCready R. Accelerating evidence into practice: AHRQ's clinical decision support initiative (panel presentation). American Medical Informatics Association (AMIA) Annual Symposium 2017, Washington, DC.

**Lomotan EA**, McCready R, Bernstein S. CDS Connect: A new national repository for clinical decision support knowledge artifacts (system demonstration). American Medical Informatics Association (AMIA) Annual Symposium 2017, Washington, DC.

Poker A, Nair S, **Lomotan EA**. HRSA-ONC Beacon Program to Improve Quality of Health Care for Community Health Centers Through the Use of Health Information Technology. Summer Institute in Nursing Informatics 2014, Baltimore MD. Published in Computers, Informatics, Nursing. 2014; 32(8):363-4.

**Lomotan EA**, Cornell A, Poker A, Segebrecht J, Wyatt D, Black D, Nair S. Health Center-Controlled Networks: Advancing Health Care Quality Through Health Information Technology at Community Health Centers (panel presentation). American Medical Informatics Association (AMIA) Annual Symposium 2013, Washington, DC.

Dougherty D, Makadia P, DeSoto M, **Lomotan EA**. Improving pediatric health care quality measures for Medicaid and CHIP: a public, multi-stakeholder process. Pediatric Academic Society Annual Meeting 2013, Boston, MA.

**Lomotan EA**. The CHIPRA Pediatric Quality Measures Program: Health Information Technology and Patient Safety (panel presentation). AHRQ Annual Conference 2012, Bethesda, MD.

Misra S, **Lomotan EA**, Chesley FD. Patient-centered care from a guardian perspective (poster). Academy Health Annual Research Meeting 2012, Orlando, Florida.

**Lomotan EA**, DeSoto M, Dougherty D. Measuring children's healthcare quality: expert recommendations for measure criteria (poster). AHRQ Annual Conference 2010, Bethesda, MD.

Friedman C, Eisenberg F, **Lomotan EA**, Teich J. Update on national programs enabling clinical decision support and quality of care (panel presentation). American Medical Informatics Association (AMIA) Annual Symposium 2010, Washington, DC.

Greenes R, Murphy R, Reider J, **Lomotan EA**, Osheroff J. Structuring care recommendations for broad use in clinical decision support: implications of an AHRQ project for information system vendors and implementers, CDS researchers and developers (panel presentation). American Medical Informatics Association (AMIA) Annual Symposium 2010, Washington, DC.

**Lomotan EA**, Michel G, Lin Z, Shiffman RN. Use of language to convey obligation in practice guidelines: suggestions for a standardised approach (panel presentation). Sixth International

Guidelines International Network Conference 2009, Lisbon, Portugal.

Shiffman RN, **Lomotan EA**, Michel G. Using Action-Types to Design Guideline Implementation Systems (panel presentation). Sixth International Guidelines International Network Conference 2009, Lisbon, Portugal.

**Lomotan EA**, Michel G, Lin Z, Shiffman RN. How “should” we write guideline recommendations? (poster). National Library of Medicine Training Conference 2009, Portland, OR.

#### Invited presentations

Jordan E, Mugge A, Phillips B, **Lomotan EA**. Tracking Impact: Family Medicine Physicians’ Experience with Interoperability (panel). Assistant Secretary for Technology Policy (ASTP)/Office of the National Coordinator for Health IT (ONC) Annual Meeting 2024, Washington DC.

**Lomotan EA**, Bates D, Cimino J, Bakken S, Brennan P. 20 Years of AHRQ Digital Healthcare Research Funding: Looking Back and Looking Forward (panel). American Medical Informatics Association (AMIA) Annual Symposium 2024, Washington DC.

Strasberg H, Harp C, Gerhart J, Levy B, **Lomotan EA**. Industry Partner Council – The Future of Healthcare Powered by Informatics (panel). American Medical Informatics Association (AMIA) Annual Symposium 2024, Washington DC.

Carroll A, Anderson B, Cartwright-Smith L, Schisler K, **Lomotan EA**. Opening plenary: Key facets of the current landscape (panelist). Expert Meeting on Artificial Intelligence for Health Services Research (virtual symposium). AcademyHealth, 2024.

**Lomotan EA**. Funding opportunities in health sciences and artificial intelligence. Heartland Workshop on Heart Sounds and Artificial Intelligence (virtual presentation). University of Nebraska Lincoln Medical Center, 2024.

Davidson K, Scholten J, Horwitz L, **Lomotan EA**. Stakeholder perspectives on how learning health systems can address unmet priorities that apply to traumatic brain injury. National Academies of Sciences, Engineering, and Medicine Forum on Data Integration in Learning Health Systems for Traumatic Brain Injury (workshop panel). National Academies of Science, Engineering, and Medicine, 2023.

Sharma AE, Collier RJ, Aguilera A, **Lomotan EA** (moderator). Innovative Use of Technology in Primary Care Delivery (national webinar). Agency for Healthcare Research and Quality National Center for Excellence in Primary Care Research, 2023.

Kim B, **Lomotan EA**, Kawamoto K, Ratwani R, Parikh R. Machine Learning-Based Decision Support at the Point of Care. National Cancer Institute Workshop on Machine Learning and Health Outcomes in Cancer Care Delivery Research (virtual panel), 2022.

Eisenberg F, Schreiber M, Michaels M, **Lomotan EA**, Posnack S. Federal Roundtable. National Committee for Quality Assurance (NCQA) Digital Quality Summit (virtual panel), 2021.

Agresta T, Giuliano M, Marriott RJ, Matthews P, Carney S, **Lomotan EA**. Advancing Shareable, Interoperable Clinical Decision Support. Taking the Pain Out of Pain Management (virtual presentation). University of Connecticut Health IT Webinar, 2021.

Alper B, Saldanha I, Michaels M, **Lomotan EA**. Bringing evidence and guidelines into the digital age (virtual presentation). Guidelines International Network of North America, 2020.

**Lomotan EA**. CDS Connect and FHIR (virtual presentation). CDC Advancing Public Health through HL7 FHIR Conference 2020, Atlanta, GA.

**Lomotan EA**. CDS Connect: opportunities for the future (podium presentation). AHRQ National Advisory Council meeting 2019, Rockville, MD.

**Lomotan EA**. CDS Connect Overview (podium presentation). U.S. Preventive Services Task Force Digital Health Forum, 2019, Rockville, MD.

**Lomotan EA**, Moesel C. CDS Connect (systems demonstration). Mobilizing Computable Biomedical Knowledge Annual Meeting 2019, Bethesda, MD.

**Lomotan EA**. Interoperable clinical decision support: new AHRQ resources (podium presentation). USP's Inaugural Pharmacoinformatics Workshop 2019, Rockville, MD.

**Lomotan EA**. Using clinical decision support to move evidence into practice: a discussion with AHRQ. National web conference co-sponsored by the Association of American Medical Colleges (AAMC) and AcademyHealth 2019, Rockville, MD.

**Lomotan EA**. New AHRQ Resources for opioid-related clinical decision support (panel presentation). Patient Safety Organization Summit to Address the Opioid Crisis 2018, Rockville, MD.

**Lomotan EA**. AHRQ Resources for opioid-related clinical decision support (panel presentation). Annual Meeting of the Office of the National Coordinator for Health IT 2018, Washington, DC.

**Lomotan EA**. AHRQ Resources for clinical decision support (panel presentation). Mobilizing Computable Biomedical Knowledge Conference co-sponsored by the National Library of Medicine and the University of Michigan 2018, Bethesda, MD.

**Lomotan EA**, Mistry K. Towards a 360 degree patient view: harnessing data and technology (panel presentation). Screening and Referral for Social Determinants of Health: Innovative Health Care Applications and Future Directions, NIH Office of Behavioral and Social Sciences Research Meeting 2018, Bethesda, MD.

**Lomotan EA.** AHRQ clinical decision support: CDS Connect (podium presentation). Surgical Quality Alliance semi-annual meeting 2018, Washington, DC.

**Lomotan EA.** New AHRQ resources for clinical decision support (panel presentation). American Council for Technology and Industry Advisory Council's 2018 Health Innovation Day 2018, Washington, DC.

**Lomotan EA, Sebastian S.** CDS Connect (panel presentation). Adapting Clinical Guideline for the Digital Age, Centers for Disease Control and Prevention multi-stakeholder event 2018, Atlanta, GA.

Gettinger A, McGinnis JM, Middleton B, **Lomotan EA.** Opportunities for priority action to improve CDS interoperability and usability to reduce clinician burden (panel presentation). Annual Meeting of the Office of the National Coordinator for Health IT 2017, Washington, DC.

**Lomotan EA.** Patient-centered clinical decision support: background from AHRQ (panel presentation). Patient-Centered Clinical Decision Support Learning Network Annual Conference 2017, Crystal City, VA.

**Lomotan EA.** Advancing research to improve patient safety through health IT (keynote presentation). Health Level 7 Annual Plenary and Working Group Meeting 2017, San Diego, CA.

**Lomotan EA.** The promise of health informatics and technology to improve health (podium presentation). George Mason University College of Health and Human Services, Department of Health Administration and Policy, Health Policy Institute 2017, Arlington, VA.

**Lomotan EA.** New resources for sharing clinical decision support and advancing evidence into practice (panel presentation). American College of Preventive Medicine Annual Meeting 2017, Portland, OR.

**Lomotan EA.** Advancing evidence into practice through clinical decision support (podium presentation). George Mason University Department of Health Administration and Policy, Health Policy Seminar 2017, Fairfax, VA.

**Lomotan EA, Blumenfeld B, McCready R.** Accelerating evidence into practice: AHRQ's patient-centered outcomes research clinical decision support initiative (panel presentation). National Academy of Medicine Meeting on Optimizing Strategies for Clinical Decision Support, 2017, Washington, DC.

**Lomotan EA.** Accelerating evidence into practice through clinical decision support: overview of AHRQ's PCOR CDS initiative (panel presentation). Patient-Centered Outcomes Research Clinical Decision Support Learning Network (PCOR CDS LN) Annual Meeting 2016, Washington, DC.

**Lomotan EA.** Moving evidence into practice through clinical decision support (panel

presentation). Patient-Centered Outcomes Research Institute (PCORI) Annual Conference, Dissemination and Implementation Workshop 2016, Washington, DC.

**Lomotan EA.** Health IT safety: highlights from AHRQ's research portfolio (panel presentation). National Institute of Standards and Technology 2016, Gaithersburg, MD.

**Lomotan EA.** The 2015 priority list and recommended uses for the children's electronic health record format (podium presentation). Centers for Medicare & Medicaid Services Quality Conference 2015, Baltimore, MD.

**Lomotan EA.** Health IT research at the Agency for Healthcare Research and Quality (panel presentation). 4th Annual Biomedical Informatics Symposium at Georgetown University 2015, Washington, DC.

Smith S, Briggs J, Larsen K, **Lomotan EA**, Pappas G, Slutsky J. PCOR, precision medicine, and delivery systems: a conversation with the agencies (panel presentation). Concordium 2015, Washington, DC.

**Lomotan EA.** Bridging the terminology gap in pediatrics: developing an action plan to support the continuum from clinic to research (panel presentation). National Institutes of Health 2012, Bethesda, MD.

**Lomotan EA.** Children's health care quality and disparities: highlights from the 2011 National Healthcare Reports (panel presentation). Spring Informational Forum for Child/Family Statistics, 2012, Washington, DC.

Dailey B, **Lomotan EA.** CHIPRA and the pediatric quality measures program. National Commission on Vision and Health 2011, Alexandria, VA.

Dougherty D, Clancy C, **Lomotan EA**, Weiss M, Thompson J, Finholm J, Burton M. Improving, enhancing, strengthening, and using child and adolescent healthcare quality measures for accountability and improvement: meeting the challenges ahead. Closing plenary of the Child Health Services Research Interest Group Meeting, Academy Health Annual Research Meeting 2011, Seattle, WA.

**Lomotan EA.** EHRs and quality: new opportunities to improve children's health care through health IT (podium presentation). Roland B. Scott, M.D. Lecture for the National Medical Association (NMA) Pediatric Section, NMA Annual Convention 2011, Washington, DC.

**Lomotan EA.** Deontic terminology in guidelines: how many levels of recommendation are required? (panel presentation). Yale Center for Medical Informatics Symposium on standardizing language to improve clinical decision support 2009. New Haven, CT.