Curriculum Vitae

PERSONAL DATA

Name: Polina V. Kukhareva, Ph.D., M.P.H., FAMIA
Birth Place: Russia
Citizenship: United States

EDUCATION

Years	Degree	Institution (Area of Study)
2013 - 2017	Ph.D.	University of Utah School of Medicine (Biomedical Informatics)
		Salt Lake City, UT
2010 - 2012	M.P.H.	University of North Carolina at Chapel Hill (Biostatistics)
		Chapel Hill, NC
2007 - 2009	M.Sc.	Saint Petersburg State University (Immunology)
		Saint Petersburg, Russia
2003 - 2007	B.S.	Saint Petersburg State University (Biology)
		Saint Petersburg, Russia

CURRENT LICENSES/CERTIFICATIONS

2012 - Present   SAS Advanced Programmer: Certification

TRAINING

2019 - 2020   Scholar, Women in AMIA Leadership, AMIA

UNIVERSITY OF UTAH ACADEMIC HISTORY

Biomedical Informatics, 03/16/2022 - Present

03/16/2022 - Present   Research Assistant Professor

PROFESSIONAL EXPERIENCE

Full-Time Positions

2022 - Present   **Research Assistant Professor**, Department of Biomedical Informatics, University of Utah, Salt Lake City, UT, University of Utah, Salt Lake City, UT

2018 - 2022   Research Associate/Clinical Informaticist, Department of Biomedical Informatics, University of Utah, Salt Lake City, UT, University of Utah School of Medicine, Salt Lake City, UT

Part-Time Positions

2013 - 2017   Graduate Research Assistant, Department of Biomedical Informatics, University of Utah, Salt Lake City, UT, University of Utah School of Medicine, Salt Lake City, UT

Editorial Experience

2020 - 2022   Editorial Board Member for *Journal of American Medical Informatics Association*

Reviewer Experience

Reviewer for *Journal of Clinical Oncology Clinical Cancer Informatics*

Reviewer for *American Journal of Preventive Medicine*

Reviewer for *BioMed Central Medical Informatics and Decision Making*

Reviewer for *CHEST*

Reviewer for *Journal of American Medical Informatics Association*

Reviewer for *Journal of Clinical and Translational Science*

Reviewer for Journal of Medical Internet Research

SCHOLASTIC HONORS

2023 - Present	Fellow, American Medical Informatics Association (**FAMIA**), AMIA
2023 - 2024	Scholar, Vice President's Clinical & Translational (**VPCAT**) Research Scholars Program, Senior Vice President for Health Sciences Education Unit, University of Utah
2019 - 2020	Scholar, Women in AMIA Leadership, AMIA
2019	Recipient, AMIA FHIR® App Showcase Competition First Prize Winner, AMIA
2017	Recipient, *Helmuth F. Orthner* Travel Assistance Award, University of Utah
2015	Fellow, *Richard A. Fay and Carol M. Fay* Endowed Graduate Fellowship, University of Utah
2015	Recipient, Distinguished Poster Award, AMIA
2014	Scholar, Western Users of SAS Software Student Scholar, Western Users of SAS Software
2014	Scholar, Utah HIMSS Graduate Scholarship, Utah HIMSS
2013	Scholar, Summer School of Public Health, Besançon, France
2013	Recipient, SAS Global Forum Junior Professional Award, SAS
2010 - 2013	Scholar, **Fulbright Scholarship**, US Department of State's Bureau of Educational and Cultural Affairs
2008	Fellow, Fogarty Training and Research in HIV Prevention in Russia Fellowship, Fogarty International Center
2004 - 2007	Scholar, Vladimir Potanin Russian Federal Grant Fund Scholarship, Vladimir Potanin Foundation

ADMINISTRATIVE EXPERIENCE

Administrative Duties

2022 - 2023	Co-Chair, Equity, Diversity, and Inclusion (EDI) Committee, Department of Biomedical Informatics, University of Utah, Salt Lake City, UT

Professional Organization & Scientific Activities

2023 - Present	Member, National Committee for Quality Assurance,

	Lung Cancer Screening Technical Expert Panel
2023 - Present	Member, National Committee for Quality Assurance, Lung Cancer Screening Technical Expert Panel
2022 - Present	Member, International Medical Informatics Association, Technology Assessment & Quality Development in Health Informatics Working Group
2022 - Present	Event Organizer, American Medical Informatics Association (AMIA), Women Career Development Event
2020 - Present	Member, American Medical Informatics Association, Women in AMIA, Networking/Mentoring and Lifecycle Committee
2020 - Present	Member, American Medical Informatics Association, Evaluation Working Group
2020 - Present	Member, American Medical Informatics Association, People and Organizational Issues Working Group
2020 - 2022	Judge, American Medical Informatics Association, Health Level Seven (HL7), Fast Healthcare Interoperability Resources (FHIR) Applications Competition
2020	Reviewer, American Evaluation Association, Annual Conference
2017 - 2019	Mentor, American Medical Informatics Association, High School Scholar Conference Program
2015 - Present	Member, American Medical Informatics Association, Clinical Decision Support Working Group

Symposium/Meeting Chair/Coordinator

2020	Session Chair, AMIA Virtual Annual Symposium, American Medical Informatics Association (AMIA)

UNIVERSITY COMMUNITY ACTIVITIES

University of Utah Health

2020 - 2021	Member, University of Utah Health, Gender and Racial Equity Dashboard Initiative

Department Level

2022 - 2023	Co-Chair & Member, Biomedical Informatics, Co-Chair, Equity, Diversity, and Inclusion (EDI) Committee
2017	Student Member, Biomedical Informatics, Gardner Award for Faculty Excellence Committee
2016	Student Member, Biomedical Informatics, Tenure Review Committee
2015	Student Member, Biomedical Informatics, Ph.D. Admissions Committee

SERVICE AT AFFILIATED INSTITUTIONS

2023 - 2024	Lead Member, Clinical Decision Support Innovation Collaborative, Measurement and Outcomes Workgroup

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Evaluation Association

American Medical Informatics Association

International Medical Informatics Association

Professional Society for Health Economics and Outcomes Research

FUNDING

Active Grants

05/03/23 -
04/30/28

GARDE: Scalable Clinical Decision Support for Individualized Cancer Risk Management

National Cancer Institute
Direct Costs: $2,112,608 Total Costs: $2,997,837
Role: Co-Investigator

08/01/22 -
07/31/25

Engaging Patients to Enable Interoperable Lung Cancer Decision Support at Scale

Principal Investigator(s): Kensaku Kawamoto
Direct Costs: $2,112,608 Total Costs: $2,997,837
Role: Co-Investigator

07/01/20 -
06/30/25

Promoting Real World Implementation of an Evidence-Based Weight Management Intervention in Primary Care
Principal Investigator(s): Kensaku Kawamoto; Molly B. Conroy
Direct Costs: $2,352,838 Total Costs: $3,576,645
Role: Co-Investigator

Past Grants

07/01/19 -
04/30/22

Scalable Decision Support and Shared Decision Making for Lung Cancer Screening

Principal Investigator(s): Kensaku Kawamoto
Direct Costs: $823,562 Total Costs: $1,199,124
Role: Co-Investigator

07/13/18 -
03/31/22

Clinical Decisions Support System to Optimize Disease Management

Principal Investigator(s): Charlene R. Weir; Kensaku Kawamoto
Direct Costs: $209,524 Total Costs: $286,000
Role: Co-Investigator

07/15/08 -
11/15/08

Training and Research in HIV Prevention in Russia (D43)

Principal Investigator(s): Robert D. Dubrow
Direct Costs: $296,000 Total Costs: $423,000
Role: Fellow

RESEARCH EXPERIENCE

2020 - 2023 A Pre-Post Trial to Evaluate Impact of a SMART on FHIR App for Diabetes Pharmacotherapy, University of Utah, Hitachi, Ltd.

2018 -
Present

Disease Manager: Analysis of Impact of a SMART on FHIR App for Chronic Disease Management on Healthcare Value, Provider Efficiency and Provider Satisfaction, University of Utah

2018 - Present	Establishing an Evaluation Program for SMART on FHIR Apps, University of Utah, ReImagine EHR
2018 - 2023	MDCalc Connect: Analysis of Impact of a SMART on FHIR App for Integrated Medical Calculators on Healthcare Value, University of Utah, MD Aware
2018 - 2022	BiliApp: Analysis of Impact of a SMART on FHIR App for Neonatal Bilirubin Management on Healthcare Value, Provider Efficiency and Provider Satisfaction, University of Utah
2018 - 2020	A Retrospective Cohort Study of Impact of Delirium Checklist on Patient Falls, University of Utah
2018 - 2020	Analysis of Impact of a System-Wide EHR Change and a Multifaceted Hospitalist Intervention on Inpatient Telemetry Utilization, University of Utah
2018 - 2020	Analysis of Impact of a Pathway for Community-Acquired Pneumonia (CAP) with Rapid Conversion to Oral Therapy on Healthcare Value, University of Utah
2018 - 2020	Analysis of Impact of Mobile Workstation Rounding-In-Flow on Resident Efficiency, University of Utah
2018 - 2019	A Retrospective Cohort Study of Osteoporosis Care Following Incidental Vertebral Fractures in VA, University of Utah
2018 - 2019	A Retrospective Pre-Post Study of Reducing Diabetic Ketoacidosis (DKA) Intensive Care Unit Admissions Through an Electronic Health Record-Driven, Standardized Care Pathway, University of Utah
2018	Improving Physician Communication with Patients as Measured by HCAHPS Using a Standardized Communication Models, University of Utah
2017 - 2020	Analysis of Cost and Clinical Impact of Modified Early Warning Score-Based (MEWS) Clinical Decision Support for Sepsis Detection, University of Utah
2017 - 2019	A Cluster-Randomized Trial to Evaluate Impact of a SMART on FHIR App for Diabetes Pharmacotherapy, University of Utah, Hitachi, Ltd.
2017 - 2018	A Retrospective Cohort Study of Impact of Clinical Decision Support Interventions on Hepatitis C Testing, University of Utah
2017	Reducing Inpatient Laboratory Costs Through a Multifaceted Intervention Including Education, Rounding Checklist Implementation, Cost Feedback, and Financial Incentives, University of Utah
2015 - 2017	Addressing Decision Support Fatigue: Analysis of Frequency of CDS Alerts, University of Utah
2015 - 2017	Validation of Electronic Clinical Quality Measures (HEDIS), University of Utah
2014 - 2015	A Retrospective Pre-Post Study of Impact of Evidence-Based Care Pathway for Cellulitis on Process, Clinical, and Cost Outcomes, University of Utah
2013	Predicting Response to Standardized Pediatric Colitis Therapy (PROTECT), a Multi-Center Prospective Cohort Study of Standardized Medical Therapy (Mesalamine or Corticosteroids) in Newly Diagnosed Ulcerative Colitis in Children and Adolescents, University of North Carolina
2013	An NIH Randomized Controlled Trial of Folic Acid for Vascular Outcome Reduction in Transplantation Trial (FAVORIT), University of North Carolina
2010 - 2012	A Cluster-Randomized Controlled Trial of HIV Prevention Intervention Among Injection Drug Users, University of North Carolina

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

2021 - Present   Co-Instructor, 10x10 Clinical Decision Support Distance Learning Course, American Medical Informatics Association with University of Utah School of Medicine

2021 - Present   Co-Instructor, BMI 6300: Clinical Decision Support, University of Utah School of Medicine

PEER-REVIEWED JOURNAL ARTICLES

1. **Kukhareva PV**, Li H, Caverly TJ, Del Fiol G, Fagerlin A, Butler JM, Hess R, Zhang Y, Taft T, Flynn MC, Reddy C, Martin DK, Warner IA, Rodriguez-Loya S, Warner PB, Kawamoto K (2023). Implementation of Lung Cancer Screening in Primary Care and Pulmonary Clinics: Pragmatic Clinical Trial of Electronic Health Record-Integrated Everyday Shared Decision-Making Tool and Clinician-Facing Prompts. *Chest*, *164*(5), 1325-1338.

2. Stevens ER, Caverly T, Butler JM, **Kukhareva P**, Richardson S, Mann DM, Kawamoto K (2023). Considerations for using predictive models that include race as an input variable: The case study of lung cancer screening. *J Biomed Inform*, *147*, 104525.

3. Cresswell K, Rigby M, Magrabi F, Scott P, Brender J, Craven CK, Wong ZS, **Kukhareva P**, Ammenwerth E, Georgiou A, Medlock S, De Keizer NF, Nykänen P, Prgomet M, Williams R (2023). The need to strengthen the evaluation of the impact of Artificial Intelligence-based decision support systems on healthcare provision. *Health Policy*, *136*, 104889.

4. Scott P, Kuziemsky C, Zhu X, Nøhr C, Ammenwerth E, **Kukhareva P**, Peute L, Marcilly R (2023). One Health: Insights from Organizational & Social, Technology Assessment and Human Factors Perspectives. *Yearb Med Inform*, *32*(1), 76-83.

5. Cedillo M, **Kukhareva PV**, Larsen SM, McTigue KM, Bryce CL, Barone Gibbs B, Hess R, Huber K, Conroy MB (2023). Impact of electronic health record-coaching features in weight change: A secondary analysis from the MAINTAIN-pc randomized trial. *Obesity (Silver Spring)*, *31*(1), 31-36.

6. Balch H, Gradick C, **Kukhareva PV**, Wanner N (2022). Association of Mobile Workstations and Rounding-in-Flow with Resident Efficiency: A Controlled Study at an Academic Internal Medicine Department. *J Gen Intern Med*, *37*(14), 3700-3706.

7. Morgan KL, **Kukhareva PV**, Warner PB, Wilkof J, Snyder M, Horton D, Madsen T, Habboushe J, Kawamoto K (2022). Using CDS Hooks to increase SMART on FHIR app utilization: a cluster-randomized trial. *J Am Med Inform Assoc*, *29*(9), 1461-1470.

8. Wei DH, **Kukhareva PV**, Tao D, Sordo M, Pandita D, Dua P, Banerjee I, Abraham J (2022). Assessing perceived effectiveness of career development efforts led by the women in American Medical Informatics Association Initiative. *J Am Med Inform Assoc*, *29*(9), 1593-1606.

9. **Kukhareva PV**, Caverly TJ, Li H, Katki HA, Cheung LC, Reese TJ, Del Fiol G, Hess R, Wetter DW, Zhang Y, Taft TY, Flynn MC, Kawamoto K (2022). Inaccuracies in electronic health records smoking data and a potential approach to address resulting underestimation in determining lung cancer screening eligibility. *J Am Med Inform Assoc*, *29*(5), 779-788.

10. **Kukhareva PV**, Weir C, Del Fiol G, Aarons GA, Taft TY, Schlechter CR, Reese TJ, Curran RL, Nanjo C, Borbolla D, Staes CJ, Morgan KL, Kramer HS, Stipelman CH, Shakib JH, Flynn MC, Kawamoto K (2022). Evaluation in Life Cycle of Information Technology (ELICIT) framework: Supporting the innovation life cycle from business case assessment to summative evaluation. *J Biomed Inform*, *127*, 104014.

11. Reese TJ, Schlechter CR, Kramer H, **Kukhareva P**, Weir CR, Del Fiol G, Caverly T, Hess R, Flynn MC, Taft T, Kawamoto K (2021). Implementing lung cancer screening in primary care: needs assessment and implementation strategy design. *Transl Behav Med*, *12*, 187-197.

12. Kawamoto K, **Kukhareva PV**, Weir C, Flynn MC, Nanjo CJ, Martin DK, Warner PB, Shields DE, Rodriguez-Loya S, Bradshaw RL, Cornia RC, Reese TJ, Kramer HS, Taft T, Curran RL, Morgan KL, Borbolla D, Hightower M, Turnbull WJ, Strong MB, Chapman WW, Gregory T, Stipelman CH, Shakib JH, Hess R, Boltax JP, Habboushe JP, Sakaguchi F, Turner KM, Narus SP, Tarumi S, Takeuchi W, Ban H, Wetter DW, Lam C, Caverly TJ, Fagerlin A, Norlin C, Malone DC, Kaphingst KA, Kohlmann WK, Brooke BS, Del Fiol G (2021). Establishing a multidisciplinary initiative for interoperable electronic health record innovations at an academic medical center. *JAMIA Open*, *4* (3), ooab041.

13. Bradley S, Harwell C, **Kukhareva P**, Yarbrough P, Hall SK (2021). Osteoporosis Care Following Incidental Vertebral Fractures: a Retrospective Cohort Study. *J Gen Intern Med*, *36*(6), 1797-1798.

14. Tarumi S, Takeuchi W, Chalkidis G, Rodriguez-Loya S, Kuwata J, Flynn M, Turner KM, Sakaguchi FH, Weir C, Kramer H, Shields DE, Warner PB, **Kukhareva P**, Ban H, Kawamoto K (2021). Leveraging Artificial Intelligence to Improve Chronic Disease Care: Methods and Application to Pharmacotherapy Decision Support for Type-2 Diabetes Mellitus. *Methods Inf Med*, *60*(S 01), e32-e43.

15. Ciarkowski CE, Timbrook TT, **Kukhareva PV**, Edholm KM, Hatton ND, Hopkins CL, Thomas F, Sanford MN, Igumnova E, Benefield RJ, Kawamoto K, Spivak ES (2020). A Pathway for Community-Acquired Pneumonia With Rapid Conversion to Oral Therapy Improves Health Care Value. *Open Forum Infect Dis*, *7*(11), ofaa497.

16. Edholm K, Lappé K, **Kukhareva P**, Hopkins C, Hatton ND, Gebhart B, Nyman H, Signor E, Davis M, Kawamoto K, Johnson SA (2020). Reducing Diabetic Ketoacidosis Intensive Care Unit Admissions Through an Electronic Health Record-Driven, Standardized Care Pathway. *J Healthc Qual*, *42*(5), e66-e74.

17. Curran RL, **Kukhareva PV**, Taft T, Weir CR, Reese TJ, Nanjo C, Rodriguez-Loya S, Martin DK, Warner PB, Shields DE, Flynn MC, Boltax JP, Kawamoto K (2020). Integrated displays to improve chronic disease management in ambulatory care: A SMART on FHIR application informed by mixed-methods user testing. *J Am Med Inform Assoc*, *27*(8), 1225-1234.

18. Reese TJ, Del Fiol G, Tonna JE, Kawamoto K, Segall N, Weir C, Macpherson BC, **Kukhareva P**, Wright MC (2020). Impact of integrated graphical display on expert and novice diagnostic performance in critical care. *J Am Med Inform Assoc*, *27*(8), 1287-1292.

19. Horton DJ, Graves KK, **Kukhareva PV**, Johnson SA, Cedillo M, Sanford M, Dunson WA Jr, White M, Roach D, Arego JJ, Kawamoto K (2020). Modified early warning score-based clinical decision support: cost impact and clinical outcomes in sepsis. *JAMIA Open*, *3*(2), 261-268.

20. Kawamoto K, **Kukhareva P**, Shakib JH, Kramer H, Rodriguez S, Warner PB, Shields D, Weir C, Del Fiol G, Taft T, Stipelman CH (2019). Association of an Electronic Health Record Add-on App for Neonatal Bilirubin Management With Physician Efficiency and Care Quality. *JAMA Netw Open* , *2*(11), e1915343.

21. **Kukhareva P**, Weir CR, Staes C, Borbolla D, Slager S, Kawamoto K (2018). Integration of Clinical Decision Support and Electronic Clinical Quality Measurement: Domain Expert Insights and Implications for Future Direction. *AMIA Annu Symp Proc*, *2018*, 700-709.

22. Edholm K, **Kukhareva P**, Ciarkowski C, Carr J, Gill D, Rupp A, Morshedzadeh J, Wanner N, Kawamoto K (2018). Decrease in Inpatient Telemetry Utilization Through a System-Wide Electronic Health Record Change and a Multifaceted Hospitalist Intervention. *J Hosp Med*, *13*(8), 531-536.

23. Horton DJ, Yarbrough PM, Wanner N, Murphy RD, **Kukhareva PV**, Kawamoto K (2017). Improving Physician Communication With Patients as Measured by HCAHPS Using a Standardized Communication Model. *Am J Med Qual*, *32*(6), 617-624.

24. **Kukhareva P**, Staes C, Noonan KW, Mueller HL, Warner P, Shields DE, Weeks H, Kawamoto K (2017). Single-reviewer electronic phenotyping validation in operational settings: Comparison of strategies and recommendations. *J Biomed Inform*, *66*, 1-10.

25. Yarbrough PM, **Kukhareva PV**, Horton D, Edholm K, Kawamoto K (2016). Multifaceted intervention including education, rounding checklist implementation, cost feedback, and financial incentives reduces inpatient laboratory costs. *J Hosp Med*, *11*(5), 348-54.

26. Yarbrough PM, **Kukhareva PV**, Spivak ES, Hopkins C, Kawamoto K (2015). Evidence-based care pathway for cellulitis improves process, clinical, and cost outcomes. *J Hosp Med*, *10*(12), 780-6.

27. Hoffman IF, Latkin CA, **Kukhareva PV**, Malov SV, Batluk JV, Shaboltas AV, Skochilov RV, Sokolov NV, Verevochkin SV, Hudgens MG, Kozlov AP (2013). A peer-educator network HIV prevention intervention among injection drug users: results of a randomized controlled trial in St. Petersburg, Russia. *AIDS Behav*, *17*(7), 2510-20.

28. Idrisov B, Sun P, Akhmadeeva L, Arpawong TE, **Kukhareva P**, Sussman S (2013). Immediate and six-month effects of Project EX Russia: a smoking cessation intervention pilot program. *Addict Behav*, *38*(8), 2402-8.

REVIEW ARTICLES

1. Cresswell K, Rigby M, Georgiou A, Wong ZS, **Kukhareva P**, Medlock S, De Keizer NF, Magrabi F, Scott P, Ammenwerth E (2022). The Role of Formative Evaluation in Promoting Digitally-based Health Equity and Reducing Bias for Resilient Health Systems: The Case of Patient Portals. [Review]. *Yearb Med Inform*, *31*, (1), 33-39.

2. Stipelman CH, **Kukhareva PV**, Trepman E, Nguyen QT, Valdez L, Kenost C, Hightower M, Kawamoto K (2022). Electronic Health Record-Integrated Clinical Decision Support for Clinicians Serving Populations Facing Health Care Disparities: Literature Review. [Review]. *Yearb Med Inform*, *31*, (1), 184-198.

BOOK CHAPTERS

1. **Kukhareva PV**, Weir C (2022). Health Informatics Program Evaluation – Tools and Frameworks. In Hardy LR (Ed.), *Health Informatics: An Interprofessional Approach* (3rd). Elsevier.

CONFERENCE PROCEEDINGS

1. **Kukhareva PV**, Warner P, Rodriguez S, Kramer H, Weir C, Nanjo C, et al (2019). Balancing Functionality versus Portability for SMART on FHIR Applications: Case Study for a Neonatal Bilirubin Management Application. *AMIA Annu Symp Proc*, United States, *2019*, 562-71.

2. Kawamamto K, Flynn MC, **Kukhareva P**, ElHalta D, Hess R, Gregory T, Walls C, Wigren AM, Borbolla D, Bray BE, Parsons MH, Clayson BL, Briley MS, Stipelman CH, Taylor D, King CS, Del Fiol G, Reese TJ, Weir CR, Taft T, Strong MB (2018). A Pragmatic Guide to Establishing Clinical Decision Support Governance and Addressing Decision Support Fatigue: a Case Study. *AMIA Annu Symp Proc*, United States, *2018*, 624-633.

3. **Kukhareva PV**, Weir CR, Staes C, Borbolla D, Slager S, Kawamoto K (2018). Integration of Clinical Decision Support and Electronic Clinical Quality Measurement: Domain Expert Insights and Implications for Future Direction. *AMIA Annu Symp Proc*, United States, *2018*, 700-709.

4. **Kukhareva PV** (2017). Standardized Approaches for Analyzing Quality Improvement Interventions in Healthcare Settings. *SAS: Western Users of SAS Software Proc*, *2014*.

5. Tippetts TJ, Warner PB, **Kukhareva PV**, Shields DE, Staes CJ, Kawamoto K (2015). Challenges and Solutions in Optimizing Execution Performance of a Clinical Decision Support-Based Quality Measurement (CDS-QM) Framework. *AMIA Annu Symp Proc*, United States, *2015*, 1194-203.

6. **Kukhareva PV**, Kawamoto K, Shields DE, Barfuss DT, Halley AM, Tippetts TJ, Warner PB, Bray BE, Staes CJ (2014). Clinical Decision Support-based Quality Measurement (CDS-QM) Framework: Prototype Implementation, Evaluation, and Future Directions. *AMIA Annu Symp Proc*, United States, *2014*, 825-34.

7. Lin Y, Welch B, Tippetts TJ, **Kukhareva PV**, Shields D, Staes C, et al (2014). Identification of Common Concepts for Clinical Decision Support and Mapping to the Health Level 7 Virtual Medical Record Data Model. *AMIA Annu Symp Proc*, *2014*.

8. **Kukhareva PV**, Roggenkamp K, Carpenter M (2014). Quick Analysis and Visualization of Excluded and Missing Data. *SAS: Western Users of SAS Software Proc*, *2014*.

9. **Kukhareva PV**, Roggenkamp K (2013). Customized Comparison Tables for Clinical Studies. *SAS: Western Users of SAS Software Proc*, *2013*.

10. **Kukhareva PV** (2013). Cox Proportional Hazard Model Evaluation in One Shot. *SAS Global Forum Proc*, *2013*.

ADDITIONAL PUBLICATIONS

Letters

1. **Kukhareva P**, Caverly T, Kawamoto K (2022). Re: Inaccuracies in electronic health records smoking data and a potential approach to address resulting underestimation in determining lung cancer screening eligibility. [Letter to the editor]. *J Am Med Inform Assoc*, *29*(9), 1655.

POSTER PRESENTATIONS

2017   Ciarkowski C, Yarbrough P, Wanner N, Edholm K, Horton D, Kawamoto K, **Kukhareva PV**. Multifaceted intervention to reduce inpatient laboratory utilization at University of Utah Health. High Value Practice Academic Alliance Conference, Baltimore, MD

2017	Rupp A, Carr J, Gill D, Ciarkowski C, Wanner N, Morshedzadeh J, **Kukhareva PV**, Kawamoto K, Edholm K. Decrease in inpatient telemetry utilization through a system-wide electronic health record system change and a multifaceted hospitalist intervention. High Value Practice Academic Alliance Conference, Baltimore, MD
2016	**Kukhareva PV**, Borbolla D, Kawamoto K. Analysis and Redesign of Alerts and Reminders in a Commercial Electronic Health Record System to Reduce Alert Fatigue. American Medical Informatics Association Annual Symposium, Washington, DC
2015	**Kukhareva PV**, Staes CJ, Tippetts TJ, Warner PB, Shields D, Mueller H, et al. Errors with Manual Phenotype Validation: Case Study and Implications. American Medical Informatics Association Annual Symposium, San Francisco, CA

ORAL PRESENTATIONS

Meeting Presentations

<u>International</u>

2023	**Kukhareva P,** Novak L, Kuziemsky C, Embi P; S79: Responsible Implementation and Use of AI in Healthcare Organizations, New Orleans, LA, USA, Presented, November 13, 2023
2023	**Kukhareva P**. Making Digital Health REAL 2023 series: using evaluation frameworks in development and implementation of clinical decision support interventions for lung cancer screening, weight management, and diabetes pharmacotherapy, Melbourne, Australia, Presented, 10/11/2023
2023	**Kukhareva P**. Lung Cancer Screening Implementation in Primary Care: Usability Study, Incremental Effect of Personal Health Record Reminders, and Cumulative Population-Level Impact. Chicago, IL, USA, Presented, 2023/05/25
2022	Kuziemsky C, Peute L, Nøhr C, **Kukhareva P**. Improving Research Ethics Review in Human and Organizational Factor Studies. Medical Informatics Europe, Nice, France, Presented, 05/29/2022
2022	**Kukhareva PV**, Cresswell K, Scott P, Nøhr C. Workshop - UN Sustainable Development Goals in Socio-technical Evaluation Frameworks for Health Information Technology. Medical Informatics Europe, Nice, France, Presented, 05/27/2022

<u>National</u>

2023	Angove R, Hongsermeier T, Dobes A, **Kukhareva P**, Battish S. Plenary: Trust in PC CDS: From Design to Implementation. CDSiC Annual Meeting. Rochester, MD, USA. Presented, 2023/05/17.
2022	**Kukhareva PV**. S60: Lung Cancer Screening Implementation in Primary Care Using an Electronic Health Record-integrated Shared Decision Making Tool and Clinician-facing Prompts. American Medical Informatics Association Annual Symposium, San Diego, CA, Presented, 11/08/2022
2022	Kawamoto K, Del Fiol G, **Kukhareva PV**, Martin D, Gamache R. S35: Panel - Establishing a Multidisciplinary Initiative for Interoperable EHR Innovations at an Academic Medical Center: the University of Utah ReImagine EHR Experience American Medical Informatics Association Annual Symposium, San Diego, CA, Presented, 11/07/2022

2022	**Kukhareva PV**, Sittig D, Ozkaynak M, Kuzeimsky C, Nohr C. W05: Workshop - How to Include UN Sustainable Development Goals in Socio-technical Models for Health Information Technology? American Medical Informatics Association Annual Symposium, San Diego, CA, Presented, 11/05/2022
2021	**Kukhareva PV**, Weir C, Reese T, Taft T, Del Fiol G, Kawamoto K. Challenges and Solutions to Promoting Evaluation Practices in Software Development Process within an Academic Medical Center. American Medical Informatics Association Annual Symposium, San Diego, CA, Presented, 11/03/2021
2019	**Kukhareva PV**, Shakib J, Stipelman C, Rodriguez-Loya S, Warner P, Shields D, Kawamoto K. BiliApp: a SMART on FHIR app for neonatal bilirubin management. American Medical Informatics Association Annual Symposium, Washington, DC
2019	**Kukhareva PV**, Warner P, Rodriguez S, Kramer H, Weir C, Nanjo C, et al. Balancing Functionality versus Portability for SMART on FHIR Applications: Case Study for a Neonatal Bilirubin Management Application. American Medical Informatics Association Annual Symposium, Washington, DC
2018	**Kukhareva PV**, Weir CR, Staes C, Borbolla D, Slager S, Kawamoto K. Integration of Clinical Decision Support and Electronic Clinical Quality Measurement: Domain Expert Insights and Implications for Future Direction. American Medical Informatics Association Annual Symposium, San Francisco, CA
2017	**Kukhareva PV**. Standardized Approaches for Analyzing Quality Improvement Interventions in Healthcare Settings. Western Users of SAS Software Conference, Long Beach, CA
2014	**Kukhareva PV**, Kawamoto K, Shields DE, Barfuss DT, Halley AM, Tippetts TJ, et al. Clinical decision support-based quality measurement (CDS-QM) framework: prototype implementation, evaluation, and future directions. American Medical Informatics Association Annual Symposium, Washington, DC
2014	**Kukhareva PV**, Roggenkamp K, Carpenter M. Quick Analysis and Visualization of Excluded and Missing Data. Western Users of SAS Software Conference, San Jose, CA
2013	**Kukhareva PV**, Roggenkamp K. Customized Comparison Tables for Clinical Studies. Western Users of SAS Software Conference, Las Vegas, NV
2013	**Kukhareva PV**. Cox Proportional Hazard Model Evaluation in One Shot. SAS Global Forum Conference. San Francisco, CA

Invited/Visiting Professor Presentations

<u>International</u>

2023	**Kukhareva P**. Making Digital Health REAL 2023 series: using evaluation frameworks in development and implementation of clinical decision support interventions for lung cancer screening, weight management, and diabetes pharmacotherapy, Melbourne, Australia, Presented, 10/11/2023
2022	**Kukhareva PV**. Evaluation in Life Cycle of IT (ELICIT). Department of Planning, Techno-Anthropology, Danish Centre for Health Informatics (DaCHI), Aalborg University, Aalborg, Denmark, Presented, 11/21/2022

2020   **Kukhareva PV**. Establishing an Evaluation Program for SMART on FHIR Apps at an Academic Medical Centre. Centre for Digital Transformation of Health, University of Melbourne, Melbourne, Australia, Presented, 10/27/2020

Local/Regional
2023   **Kukhareva PV**, Huynh K, Stipelman C, Chaulk, D. Leveraging EMR Data for Health Equity Priorities. Pediatric Health Equity Symposium, Primary Children's Hospital, Salt Lake City, UT, Presented, 01/20/2023

OTHER SCHOLARLY ACTIVITIES

Quality & Value Improvement Projects

2016   Team Member, Eliminating excessive lab utilization and costs, University of Utah Hospital