# Saul J. Weiner, MD

#### **Executive Summary**

Professor of Medicine, Pediatrics, and Medical Education University of Illinois at Chicago 840 South Wood Street, CSN 445 Chicago, IL 60612 312-996-2242 sweiner@uic.edu Deputy Director, VA Center of Innovation for Complex Chronic Healthcare Jesse Brown VA Medical Center 820 South Damen Avenue, Room 7248 Chicago, IL 60612 312-569-6486 Saul.Weiner@va.gov

Saul Weiner, MD, is professor of medicine, pediatrics and medical education at the University of Illinois at Chicago, and deputy director of the Center of Innovation for Complex Chronic Health Care, Veterans Health Administration. He has served as medical education dean, university vice provost and senior advisor to the provost.

Dr. Weiner's research focuses on the challenge of incorporating patient life context into care planning. He has conducted a wide range of multi-site federally and foundation funded studies on "contextualization of care," and "contextual error," concepts his team has developed, empirically characterized, and measured. His research employs unannounced standardized patients, patients who audio record their visits, and clinical decision support tools enhanced with contextual information in the electronic medical record. Dr. Weiner is the University of Illinois at Chicago 2013 Distinguished Researcher of the Year in the Clinical Sciences. His 2017 book *Listening for What Matters: Avoiding Contextual Errors in Health Care* (Oxford University Press) received the American Publishers Award for Professional & Scholarly Excellence (PROSE) in the life sciences from the American Association of Publishers. An extensively updated 2<sup>nd</sup> edition was published in 2023. His most recent book, *On Becoming a Healer: The Journey from Patient Care to Caring About Your Patients*, was published by Johns Hopkins University Press.

Dr. Weiner is also engaged in disseminating instructional resources on contextualization of care, including the <u>Fireside Chat Series on Contextualizing Care</u>, and the podcast <u>On</u> <u>Becoming a Healer</u>. He speaks widely at medical schools and national and international meetings. He co-founded and serves as president of the *Institute for Practice and Provider Improvement* (I3PI), an NIH funded public-benefit corporation that applies methods of directly observed care to health care organizations seeking to enhance value-based care.

Dr. Weiner is a graduate of Harvard College, and the Geisel School of Medicine at Dartmouth from which he received the 2024 Distinguished Alumni Award. He completed his residency at the University of Chicago and is a former Robert Wood Johnson Foundation Generalist Physician Faculty Scholar.

# Curriculum Vitae Contents

Executive Summary1
Education3
Board Certification
Employment and Academic Appointments3
Hospital Appointments4
Administrative Appointments4
Research Appointments5
Licensure/Certification5
Professional Organizations5
Honors and Awards8
Teaching9
University Service
Grants and Awards17
Publications of Research and Creative Activities24
Books
Book Chapters and Other Publications
Letters
Abstracts/Papers/Workshops33
Invited Presentations43
Select Media Interviews and Coverage52
Corporate/Consulting

## Education

University of Chicago Hospitals Combined residency: Internal Medicine and Pediatrics Chicago, IL	1993-1997
Geisel School of Medicine at Dartmouth Hanover, NH	1989-1993
Harvard College A.B. Magna Cum Laude, (Social Studies) Cambridge, MA	1984-1988

# **Board Certification**

Diplomate American Board of Pediatrics (Recertification 2005, 2014)	1997
Diplomate American Board of Internal Medicine (Recertification 2007, 2017)	1997
Diplomate National Board of Medical Examiners	1994

## **Employment and Academic Appointments**

Professor of Medical Education University of Illinois at Chicago	2012 -
Professor of Medicine and Pediatrics (indefinite tenure) University of Illinois at Chicago	2012 -
Associate Professor of Medical Education University of Illinois at Chicago	2010 - 2012
Associate Professor of Medicine and Pediatrics(indefinite tenure) University of Illinois at Chicago	2004 - 2012
Assistant Professor of Medicine and Pediatrics University of Illinois at Chicago	1997 - 2004

Research Assistant in Molecular Immunology	1988 - 1989
Massachusetts General Hospital Cancer Center	

Uppritel Approintments	
Hospital Appointments	2004
Jesse Brown VA Medical Center, Staff Physician	2004 -
University of Illinois at Chicago Hospital	1997 -
Administrative Appointments	
Department of Medicine (UIC)	
Director, <u>Clinical Leaders and Academic Scholars Fellowship</u> University of Illinois at Chicago	2018-
Co-Director, <u>Academic Internal Medicine (Research) Track</u> , Internal Medicine Residency Program University of Illinois at Chicago	2019-
Department of Pediatrics (UIC)	
Interim Pediatric Program Director	Jun - Aug 2008
University of Illinois at Chicago	Juli - Aug 2008
Vice Head for Clinical Affairs	2009
Head, Division of General Pediatrics and Adolescent Medicine University of Illinois at Chicago	2004 - 2009
Director, Newborn Care University of Illinois at Chicago	2004 - 2006
Graduate Medical Education (UIC)	
Program Director, Combined Residency in Medicine/Pediatrics University of Illinois at Chicago	1998 - 2009

Curriculum Vitae 2024
Saul J. Weiner, MD

Veterans Affairs	
Deputy Director, VA Center of Innovation for Complex Chronic Healthcare, Jesse Brown VA Medical Center, Chicago, IL	2008 -
College of Medicine (UIC)	
Interim Senior Associate Dean for Educational Affairs	2010
Senior Associate Dean for Educational Affairs College of Medicine	2010 - 2013
Campus (UIC)	
Vice-Provost for Planning and Programs	2013 - 2017
Senior Advisor to the Provost and Vice Chancellor for Academic Affairs	2017 -2024

# **Research Appointments**

Faculty Affiliate Institute of Government and Public Affairs	2008 -
Senior Investigator, Center for Management of Complex Chronic Care Jesse Brown VA Medical Center, Chicago, IL	2004 -

## Licensure/Certification

Illinois Medical License # 036-092924 1994

# **Professional Organizations**

#### Leadership Regional

2007 - 2008
2007 - 2008
2006 - 2009
2006 - 2007
2006 -
2005 - 2006
2004 - 2005
2014 -
2008 - 2009
2005

Other

Fellow, Institute of Medicine of Chicago	2007 -
VA HSRD, Scientific Merit Review Board	2005 - 2007
Planning Committee, Annual Meeting Robert Wood Johnson Foundation Generalist Physician Faculty Scholars Program	2003 - 2004
Group Leader, Working Group on Providing Whole-Person, Integrated Patient Care Future of Generalism Project, Generalist Physician Faculty Scholars Program, Robert Wood Johnson Foundation	2003 - 2004
Membership	
International Association for Communication in Healthcare (EACH)	2020 -
Academy of Communication in Healthcare (ACH)	2015 -
Member, Society of Medical Decision Making	2009 -
American Academy of Physician and Patient	2004 - 2006
American Pediatric Association	2004 -
AcademyHealth	2001 -
Society of General Internal Medicine	1999 -
Medicine Pediatrics Program Directors Association	1998 - 2008
Association of Program Directors in Internal Medicine	1998 - 2004
Association of Pediatric Program Directors	1998 - 2004
American College of Physicians	1997 - 2007
American Academy of Pediatrics (Fellow)	1997 -

# Honors and Awards

#### Professional

2024 Distinguished Alumni Award, Geisel School of Medicine at Dartmouth (Award Ceremony, October 27, 2024, Hanover, N.H.)	2024
Patient Experience award for the Jesse Brown VA, VISN 12 Contextualizing Care Improvement Program, Veterans Health Affairs, Department of Veterans Affairs (August)	2021
Certificate of Recognition of nomination for the 2020 Best Research Paper of the Year award, Health Services Research & Development Services, Department of Veterans Affairs	2021
Certificate of Appreciation in recognition of nomination for the 2017 Under Secretary Award for Outstanding Achievement in Health Services Research, Department of Veterans Affairs	2018
Certificate of Appreciation in recognition of nomination for the 2016 Under Secretary Award for Outstanding Achievement in Health Services Research, Department of Veterans Affairs	2017
Annals of Internal Medicine, Letter of Commendation from Editor-in- Chief for "Exceptionally fine quality of reviewing"	2017
Diffusing Best Practices Across VHA: Third Shark Tank Competition: Semifinalist for "Use of Patient-Collected Audio Recorded Encounters for Provider Feedback to Reduce Contextual Errors"	2017
Book Award: <u>Listening for What Matters</u> , authored by Saul J. Weiner and Alan Schwartz (Oxford University Press) received the <u>2017</u> <u>American Publishers Award for Professional &amp; Scholarly Excellence</u> (PROSE) from the Association of American Publishers (AAP). The PROSE award is given in each of five categories, and the book was selected for the category, <i>Biological &amp; Life Sciences</i> . The award was announced on Wednesday February 2nd at the annual meeting of the Association of American Publishers in Washington DC.	2017
UIC Distinguished Researcher of the Year in the Clinical Sciences	2013
Annual Leader in General Internal Medicine award for the 13 state Midwest region of the Society of General Internal Medicine	2009

Annals of Internal Medicine, Letter of Commendation from Editor-in- Chief for "Exceptionally fine quality of reviewing"	2007
Julian and Melba Jarrett Memorial Prize for Research Achievement, Dartmouth Medical School	1993
The Sandoz Pharmaceuticals Corporation Award in Neurology, Dartmouth Medical School	1993
Albert Schweitzer Fellowship in Medicine Funded for three months to work as clinician on pediatric ward in Gabon, West Africa at the Albert Schweitzer Hospital	1992
Dartmouth Presidential Scholar in Medicine	1989
<b>Teaching</b> AOA Faculty Teaching Award, College of Medicine University of Illinois at Chicago	2009
Other	
UIC Medical Student Council Special Award for commitment to the student body as Senior Associate Dean for Educational Affairs	2013
Teaching	
Clinical Teaching	
Clinic Preceptor for General Internal Medicine Resident Continuity Clinic, University of Illinois at Chicago (1/2 day per week)	2017 -
Clinic Preceptor for General Internal Medicine Resident Continuity Clinic, Jesse Brown VA Medical Center (1/2 day per week)	2017 -
Clinic Preceptor for General Internal Medicine Resident Continuity Clinic and Urgent Care Jesse Brown VA Medical Center (1 day per week)	2014 - 2017

Clinic Preceptor for General Internal Medicine Resident Continuity Clinic Jesse Brown VA Medical Center (1/2 day per week)	2006 - 2014
Attending, General Medicine Inpatient Service Jesse Brown VA Medical Center (1 month/year)	2006 - 2014
Clinic Preceptor for Medicine-Pediatrics Clinic University of Illinois at Chicago (1-2 half days per week to 2008, then < ½ day per week)	1997 - 2009
Attending, General Medicine Inpatient Service University of Illinois Hospital (1-2 months/year)	1997 - 2007
Attending, General Medicine Inpatient Consultation Service University of Illinois at Chicago (1 month/year)	1997 - 2002
Clinic Preceptor for General Internal Medicine Resident Continuity Clinic University of Illinois at Chicago (1/2 day per week)	1997 - 2001
Clinic Preceptor for General Pediatrics Urgent Care Clinic University of Illinois at Chicago (1/2 day per week)	1997 - 2001
Attending, General Pediatrics Inpatient Service University of Illinois Hospital (1 month/year)	1997 - 2001

### **Lectures and Classes**

How to Formulate a Research Question (given annually to internal	25 Aug 2023
medicine residents in research tracks	
https://onedrive.live.com/?authkey=%21AIwfeVuoUbBgY00&cid=E2A	
A0E94B17CA083&id=E2AA0E94B17CA083%21134860&parId=E2AA0E9	
<u>4B17CA083%2178442&amp;o=OneUp</u> .	

Reflective Practice. A one-year course taught to internal medicine residents as an elective, based on book <i>On Becoming a Healer: The</i> <i>Journey from Patient Care to Caring About Your Patients</i> (author: Saul J. Weiner). In July 2022, course became mandatory for all PGY-3 pediatric residents. Co taught with Cristiana Hentea, MD. 10 approx 2.5 hours sessions with 3 groups of residents (30 instructional sessions total).	July 2021-
Judgmentalism: A failure to consider patient context. Grand Rounds (Virtual), UIC Department of Pediatrics.	24 Mar 2022
Contextualizing Medical Decisions to Individualize Care. Grand Rounds (Virtual), Jesse Brown VA Medical Center.	27 July 2021
Contextualizing Care: What is the best next thing for this patient at this time? Grand Rounds (Virtual), UIC Department of Pediatrics.	17 Sept 2020
Judgementalism: Medical Student Colloquium. Taught online to M1/M2 students across all campuses. Repeated annually	16 Oct. 2020-
Contextualizing Care: Medical Student Colloquium. Taught online to M1/M2 students across all campuses. Repeated annually: <a href="https://uofi.box.com/s/fsqjc7h0wnwybcelolaxglrvdafphi9p">https://uofi.box.com/s/fsqjc7h0wnwybcelolaxglrvdafphi9p</a>	23 Oct. 2020-
Judgementalism: Medical Student Colloquium. Taught online to M1/M2 students across all campuses. Repeated annually	16 Oct. 2020-
Your Personal Journey: Medical Student Colloquium. Taught online to M1/M2 students across all campuses. Repeated annually	04 Sept 2020-
Integrating Contextual Factors into Clinical Decision Support to Reduce Contextual Error and Improve Outcomes in Ambulatory Care. Division of Academic Internal Medicine and Geriatrics (AIM), Department of Medicine's "Research in Practice" seminar talk.	18 Jan 2018
This Visit May be Recorded: Director Assessment of the Clinical Encounter to Prevent Contextual Error. Department of Pharmacy Systems, Outcomes and Policy Department Research Seminar	16 Mar 2017
Contextualizing Care: "What is the best thing for this patient at this time?" Annual 90 minute presentation to M2's in COM	01 Jan 2015-

Patient-Centered Decision Making and Health Care Outcomes Grand Rounds: Department of Medicine. University of Illinois at Chicago, Chicago, IL	03 Jun 2014
Health Professions Education: Why Change is Hard but Worth It! Guest Speaker: UIC College of Pharmacy Annual Faculty Retreat (Key Note Speaker)	15 May 2013
Interprofessional Team Care: It Takes More than a Village Guest Lecture: Guest Speaker: UIC College of Pharmacy Advocacy Day (Key Note Speaker)	06 Oct 2013
Defining, Identifying, Predicting and Preventing Contextual Error: The Evolution of a Curriculum on Individualizing Care Guest Speaker: Weiner SJ. Department of Medical Education. College of Medicine. University of Illinois at Chicago, Chicago, IL	23 Mar 2010
Contextual Error: Unannounced Standardized Patients Expose Failure to Individualize Care Guest Speaker: Weiner SJ. VA Center for Management of Complex Chronic Care, Annual Steering Committee Meeting. Hines VA Medical Center. Chicago, IL	23 Apr 2010
Contextual Error: Unannounced Standardized Patients Expose Failure to Individualize Care Guest Speaker: Weiner SJ. Jesse Brown VA Medical Center. Annual Research Symposium, Chicago, IL	30 Apr 2010
Using Case-based and Interactive Instruction in a Curriculum for Individualizing Patient Care Guest Speaker: Weiner SJ, Harris I. Department of Medical Education. College of Medicine. University of Illinois at Chicago, Chicago, IL	20 May 2010
An Approach to Providing Individualized Care Guest Lecture: Orientation for Rising Third Year Medical Students. College of Medicine University of Illinois at Chicago, Chicago, IL	15 Jun 2010
A Physician's View of Health Care Reform Annual Guest Lecture: College of Pharmacy. Pharmacy Services and Reimbursement University of Illinois at Chicago, Chicago, IL	27 Oct 2010-

The Incognito Standardized Patient: A Global Performance Guest Lecture: Symposium on Physician Compensation: A Review of Pay for Performance Research Results. UIC Institute for Health Research and Policy, University of Illinois at Chicago, Chicago, IL	22 Jan 2009
Detecting and Correcting Contextual Error in Medical Decision Making Guest Panelist: Weiner SJ, Schwartz A, Harris Ilene. Department of Medical Education. College of Medicine. University of Illinois at Chicago, Chicago, IL	06 Apr 2009
"Contextual Errors "in Medical Decision Making: What are They and How Do We Avoid Them? Grand Rounds: Pediatric Grand Rounds. University of Illinois at Chicago, Chicago, IL	06 Aug 2008
Jewish Ethics and the Informed Consent Process Invited Presentation: Jewish Ethics Symposium, University of Illinois at Chicago, Chicago, IL	17 Jan 2007
Beyond Auditing Charts: Using Undercover Standardized Patients to Assess the Quality of Physician Performance Guest Lecture: UIC Seminar in Health Economics and Health Policy University of Illinois at Chicago, Chicago, IL	26 Sep 2007
Insurance and Clinical Care – A Physician's Perspective Guest Lecture: College of Pharmacy. Pharmacy Services and Reimbursement, University of Illinois at Chicago, Chicago, IL (repeated 22 Oct 2008)	22 Oct 2007
Contextualizing Medical Decisions: A Critical Step to Individualizing Care Faculty Presentation: Section of General Internal Medicine, University of Illinois at Chicago	08 Jan 2004
Dilemmas in the Care of the Uninsured: How Providers and Institutions Ration Medical Services Grand Rounds, Department of Medicine. University of Illinois at Chicago, Chicago, IL	03 Jan 2002
Qualitative Methods in Health Services Research Faculty Presentation, Section of General Internal Medicine, Department of Medicine University of Illinois at Chicago, Chicago, IL	08 Jan 2002

Dilemmas in the Care of the Uninsured: How Providers and Institutions	13 Feb 2002
Ration Medical Services	
Guest Lecture, Health Policy Research Center. University of Illinois at	
Chicago, Chicago, IL	

"No Mission, No Margin" Dilemmas in the Care of the Uninsured: Invited speaker to contingent of senior finance and healthcare experts and government officials from Eastern Europe Guest Lecture: Sponsored by the Heartland International Foundation University of Illinois at Chicago, Chicago IL

## **University Service**

Department Committee Service	
Promotion and Tenure Committee, Department of Pediatrics	2021
Advisory Committee, NHLBI T32 Training Program (PREMIER: Precision Lifestyle Medicine and Translation Research, T32HL134634-01A1) Department of Medicine	2018 – Pres.
Departmental Housestaff Executive Committee Department of Medicine	2005 - 2009
College Committee Service (Medicine)	
Patient Perspective Experience, Student Interest Group Faculty Advisor	2022 -
UIC College of Medicine Teaching Task Force	2022 -2023
Medical Student Professionalism Sub-Committee of the UIC Committee on Student Promotions, Chicago Faculty member	2021 -
Medical Student Promotions Committee, Chicago Faculty member	2019 -
Medical Students for Accessible Education Faculty advisor	2019 -

28 Feb 2002

Chair, Urology Department Head Performance Review Committee	2013 - 2015
Member and Chair, Steering Committee Dr. Allan Land Mary L Graham Clinical Performance Center	2010 - 2013
Research and Development Audit Subcommittee Jesse Brown VA Medical Center	2009 - 2012
College of Medicine Executive Committee, Alternate University of Illinois at Chicago	2008 - 2009
College of Medicine Chicago Executive Committee University of Illinois at Chicago	2008 - 2009
Committee to Review the Performance of the ED Chair University of Illinois at Chicago	2006
Search Committee for a Urology Chair University of Illinois at Chicago	2006
Primary Care Case Management Planning Committee University of Illinois at Chicago	2006
Committee on Instruction and Appraisal University of Illinois at Chicago	2003 - 2004
Committee on Graduate Medical Education University of Illinois at Chicago	1999 - 2009
Campus (Chicago)	
Member Simulation Advisory Committee, UIC Health Science Simulation Centers	2019 -
Chair Committee on Policy	2016-2017
Chair Committee to Develop Policy on Degree Revocation	2015-2016
Chair Committee to Develop Campus Policy on Policy	2015-2016

Faculty Fellow and Advisor, Honors College	2015 -
Co- Chair Healthcare Workforce Development Taskforce: Building a Health Care Workforce to Achieve Health Equity	2014 - 2015
Co-Chair Cluster Hire Implementation Advisory Committee	2014 - 2016
Co- Chair Campus Sustainability Strategic Planning Committee: Going Beyond Green: Excellence through Sustainability	2013 - 2015
Co- Chair Campus Strategic Planning: Focusing on Urban Excellence: A Vision for Achieving Excellence at Chicago's Public Research University	2013
Student Success Task Force Targeted First-Year Curriculum	2013
Co- Chair Global Strategic Planning Taskforce: Achieving Global Excellence	2013
School for Continuing Studies Strategic Plan	2012
Chair Simulation Advisory Committee, UIC Health Science Simulation Centers	2011-2013
Faculty Advisor UIC Journal for Pre-Health Affiliated Students (JPHAS)	2011-2017
Chair Education Subcommittee of the IT Governance Council	2011-2017
Member IT Governance Council	2011-2017
Institutional Review Board University of Illinois at Chicago	1998 - 1999

## University

Illinois Health Policy Center Act. Public Act 095-0986 Worked with University leadership (Dean of College of Medicine, Director of Institute of Government and Public Affairs, and Director of University Office of Government Affairs), and State of Illinois legislative leadership (House Majority Leader, sponsoring representatives and senator, and various government agency directors) in researching, drafting and advocating for the successful passage of an Illinois act to create a State Health Policy Analysis Center.	2006 - 2008
Non-University Service	
National Research Mentor for VA Career Development Awardees National Mentoring Network (MNet)	2014
Pro Bono Medicolegal: Expert Review of Medical Records of Pre-Trail Medical Care At Cook County Board Of Corrections For Schiff Hardin, LLP	2007
Hospital Charges and Charity Care Task Force, Office of the Attorney General (Lisa Madigan), State of Illinois	2004 - 2005

### Grants and Awards

#### **Current Support**

<u>A Simulation Effectiveness Study of Clinical Decision Support Tools to Prevent Contextual</u> <u>Errors in Medical Decision Making</u>

Principal Investigator: Saul J. Weiner Support: 38% Funding Requested: \$1,015,426 (intent to fund received; budget under review) Source of Funding: Veterans Administration, HSR&D Tentative start: 10/01/2024

#### Automating Assessment of Contextualization of Care During the Clinical Encounter (1R41NR020667-01) Principal Investigator: Saul J. Weiner Support: 13% (1.6 calendar months) Source of funding: NIH Small Business Technology Transfer (STTR)

Requested funds: \$213,458 Dates: 04/25/2023-11/30/2024

# An Assessment of Open Access Audio of the Clinical Encounter on Veterans and their Care (IIR 19-068)

Principal Investigator: Saul Weiner Support: 38% Funding Approved: \$ 1,196,936 Source of Funding: Veterans Administration, HSR&D Dates: 08/01/2021-9/30/2024

#### Completed

Integrating an Audit & Feedback Program to Prevent Contextual Errors into the Ambulatory Setting Workflow (IRP 20-001)

Principal Investigator: Saul Weiner Support: %20 Funding Approved: \$297,188 Source of Funding: Veterans Administration, HSR&D Dates: 10/01/2020-10/31/2022

Integrating Contextual Factors into Clinical Decision Support to Reduce Contextual Error and Improve Outcomes in Ambulatory Care (1R01HS025374)

Principal Investigator: Saul Weiner Support: 15% Funding Approved: \$1,597,958 Source of Funding: Agency for Healthcare Research & Quality (AHRQ), RO1 mechanism Dates: 7/01/2017 – 04/30/2022

Patient-Collected Audio Recorded Encounters for Provider Audit Feedback to Reduce Contextual Errors (FCP ?)

Project Director: Saul Weiner Support: Contributed Funding Approved: \$92,479 Source of Funding: Jesse Brown VA Medical Center Dates: 10/01/2019-9/30/2020

#### <u>Meeting Service Needs of Veterans Experiencing Homelessness: A Process Improvement</u> <u>Initiative Employing Unannounced Standardized Veterans (Contract: 101-17-4-1847-0051)</u>

Project Director: Saul Weiner Support: Contributed Funding Approved: \$272,980 Source of Funding: VHA National Homeless Program Office Dates: 09/20/2017-9/19/2019 (with option for additional \$136,490 for 9/20/19-9/19/2020)

#### <u>Evaluating Use of Patient-Collected Audio Recorded Encounters for Provider Audit</u> Feedback to Reduce Contextual Errors (IIR 15-452)

Principal Investigator: Saul Weiner Support: 38% Funding Approved: \$1,070,566 Source of Funding: Veterans Administration, HSR&D Dates: 10/01/2016-9/30/2019

#### Patient-Collected Audio Recorded Encounters for Provider Audit Feedback to Reduce Contextual Errors (FCP 447 0100A2300):

Project Director: Saul Weiner Program website: <u>https://marketplace.va.gov</u> (VA intranet) Support: Contributed Funding Approved: \$138,901 per year Source of Funding: Veterans Integrated Service Network (VISN) 12 Dates: 10/01/2016-9/30/2019

# Encouraging Patient-centered Communication in Clinical Video Telehealth Visits (CRE 12-282)

Principal Investigator: Howard Gordon [Saul J. Weiner is Co- investigator] Support: 5% Funding Approved: \$1,054,397 Source of Funding: Veterans Administration, HSR&D Dates: 10/01/2015 - 6/30/2019

#### Center for Innovation for Complex Chronic Healthcare (CINCCH)

Principal Investigator and Center Director, Frances Weaver [Saul J. Weiner, Co-Investigator] Direct Costs: \$3,605,000 Source of Funding: Veteran's Administration, HSR&D Support: .38 FTE Dates: Oct 2013 - Sept 2018

# Evaluating whether the use of unannounced standardized patient is economically viable and effectively improves care (ID # 73791)

Principal Investigator: Alan J Schwartz and Selam Wubu [Saul J. Weiner is Co- investigator] Direct Costs: \$339, 069 Source of Funding: Robert Wood Johnson Foundation Support: .075 FTE through I3PI Dates: 09/01/2017-08/31/2018

#### <u>Meeting Service Needs of Veterans Experiencing Homelessness: A Process Improvement</u> <u>Initiative Employing Unannounced Standardized Veterans (Contract 101-16-4-1847-0022)</u>

Project Director: Saul Weiner Support: Contributed Funding Approved: \$114,235 Source of Funding: VHA National Homeless Program Office Dates: 09/20/2016-9/19/2017

#### Developing a Patient Inventory to Facilitate Patient Centered Care Delivery (SDR 12-280)

Principal Investigator: Frances Weaver, PhD [Saul J. Weiner is Co-investigator] Support: 5% Direct Costs: \$494,830 Source of Funding: Veterans Administration, HSR&D Dates: Feb 2014 - Jul 2016

# Innovative Dissemination of AAOS Evidence-Based Clinical Practice Guidelines (1R18HS021954-01)

Principal Investigator: Deborah Cummins, PhD [Saul J. Weiner is Consultant] Support: Contributed Direct Costs: \$84,378 Source of Funding: AHRQ Dates: 06/03/2013 - 03/31/2016

#### U.S. Military Veteran Standardized Patient Instructor (SPI) Case Development for Graduate Medical Education

Principal Investigator, Monica Lypson [Saul J Weiner is paid consultant] Total Cost: \$75,983 Source of Funding: University of Michigan, Graduate Medical Education Innovations Programs Dates: 07/01/13 - 06/30/14

#### <u>Center for Evaluation of Practices and Experiences of Patient Centered Care (CEPEP)</u> (PCE 13-002)

Principal Investigator, Sherri LaVela Support 15% Direct Costs: \$1,009,287 Source of Funding: Veterans Administration, QUERI Dates 10/01/2012 - 09/31/2014

#### Center for Management of Complex Chronic Care, Veterans Administration (HFP 80-017).

Principal Investigator, Frances Weaver [Saul J. Weiner is Co- Investigator] Total Costs: \$1,200,000/year Source of Funding: Veterans Administration, HSR&D Dates: 2008 - 2013

#### <u>Medication Self-Management among Veterans Eligible for Medicare Part D</u> (PP0 09-396-1)

Principal Investigator: Kevin Stroupe, PhD [Saul J. Weiner is Co- investigator] Support: 5% Direct Costs: \$88,766 Source of Funding: Veterans Administration, HSR&D Dates: April 2010-March 2011

#### Intervening to Prevent Contextual Errors in Medical Decision Making (EDU 08-430)

Principal Investigator: Saul Weiner, MD. Support 38% Direct Costs: \$874,034 Source of Funding: Veterans Administration, HSR&D Dates: 2009 – 2012

#### Identifying Best Practices for VA Providers Confronting Knowledge Gaps during Clinical Encounters (LIP 42-534)

Principal Investigator: Saul Weiner, MD Support: Contributed Direct Costs: \$7,285 Source of Funding: Veterans Administration, HSR&D Dates: June - Sept 2009

#### <u>Exam-Room Based Education to Influence Vaccination Behavior among Veteran Patients</u> <u>in a Primary Care Setting (LIP 42-531)</u>

Principal Investigator: Ben Gerber, MD Support: Contributed Direct Costs: \$6,285 Source of Funding: Veterans Administration, HSR&D Dates: Jun- Sep 2009

#### <u>Measuring the Quality of Medical Student Performance at Contextualizing Care</u> (0708-012)

Principal Investigator: Alan Schwartz [Saul J. Weiner is Co- investigator] Support 10% Total Costs: \$135,736 Source of Funding National Board of Medical Examiners Dates: 2008 - 2010

#### <u>Measuring the Economic Costs of Contextual Errors (Locally Initiated Project off</u> of HFP 80-017) Principal Investigator: Saul J. Weiner

Total Costs: \$10,000 Source of Funding: Veterans Administration, HSR&D Dates: Jun - Sep 2008

#### Cultural Variability in Patient Responding to Survey Measures (# 63842)

Principal Investigator: Timothy Johnson [Saul J Weiner is co- investigator] Total Costs: \$99,940 Source of Funding: Robert Wood Johnson Foundation Dates: 2007- 2009

Racial/Ethnic Variability in survey Question Processing and Response Behavior (R01 HD053636)

Principal Investigator: Timothy Johnson [Saul J Weiner is co- investigator] Support 5% Direct Costs: \$1,267,609 Source of Funding: NIH (NIMH) Dates: Aug 2007 - 2010

#### Cultural variability in survey question processing and response behaviors (0648539).

Principal Investigator Allyson Holbrook [co-investigator Saul J Weiner] Support 5% Direct Costs: \$449,056 Source of Funding: NSF Dates: Aug 2007 – 2009

#### Identifying and Predicting Contextual Errors in Medical Decision Making (IIR 04-107-2).

Principal Investigator: Saul J. Weiner Support 38% Direct Costs: \$629,973 Source of Funding: Veterans Administration, HSR&D Dates: 10/01/2006 - 08/31/2009

<u>A Case Study of the Intra-institutional Determinants of Access to Care at Three Urban</u> <u>Academic Medical Centers with Differing Ownership Models</u>

Principal Investigator: Saul J. Weiner Source of Funding: Robert Wood Johnson Foundation (Generalist Physician Faculty Scholar's Program) Support 40%. Direct Costs: \$298,027 Dates: 08/01/2001 - 06/30/2005

#### Impact of Bad Debt on Primary Care Practices in Sullivan Country N.H.

Principal Investigator: Saul J. Weiner Direct Costs. \$3,000 Source of Funding: Upjohn Pharmaceuticals Dates: June-Sept 1990

#### Professionalization of Allopathic Medicine in a Developing Non-Western Society

Principal Investigator: Saul J. Weiner Direct Costs: \$3,000

Source of Funding: Harvard Center for International Studies and Harvard Institute for International Development Dates: Jun - Sep 1987

**Under Review** 

### Publications of Research and Creative Activities

#### **Peer-Reviewed Journals**

**Weiner SJ.** 'Source Force' and the Nepal medical profession. International Journal of Social Science and Medicine 1989; 29: 669-675.

Cherayil BJ, Weiner SJ., Pillai S. The Mac-2 antigen is a galactose-specific lectin that binds IgE. Journal of Experimental Medicine 1989; 170: 1959-1972.

**Weiner SJ.** Bad debt and medical indigence in primary care -- far reaching implications. The Journal of Family Practice 1992; 34: 407-408.

**Weiner SJ.** Assessing bad debt in New Hampshire and Vermont office-based practices. Family Practice Research Journal 1993; 13: 331-342.

Weiner SJ, Ward TN, Ravaris CL. Headache and electroconvulsive therapy. Headache 1994; 34: 155-159.

**Weiner SJ,** Dischler J, Horvitz C. Beyond pharmaceutical manufacturer assistance: broadening the scope of an indigent drug program. American Journal of Health-Systems Pharmacy. 2000; 58: 146-150.

Weiner SJ. "I Can't Afford That!" dilemmas in the care of the uninsured and underinsured. Journal of General Internal Medicine. 2001; 16: 412-418.

**Weiner SJ,** Rice CL. Cutting health care costs without rationing at the bedside: preserving the doctor- patient fiduciary relationship. HealthCare Papers. 2001; 2(2):38-44.

**Weiner SJ.** Learning medicine with a learning disability: reflections of a survivor. Academic Medicine. 2002; 77(7):709.

**Weiner SJ.** VanGeest JB, Wynia MK, Cummins DS, Wilson IB. Falling into line: the impact of utilization review hassles on physician adherence to insurance contracts. Journal of Clinical Ethics. Vol 15, No 2. 2004.

**Weiner SJ.** When "something is missing" from the resident's presentation. Academic Medicine. 2004; 79(1):101.

**Weiner SJ.** Contextualizing medical decisions to individualize care: lessons from the qualitative sciences. Journal of General Internal Medicine. 2004;19(3):283-287.

Weiner SJ. LaPorte M, Abrams R, Moswin A, Warnecke R. Rationing access to care to the medically uninsured: the role of bureaucratic front line discretion at large healthcare institutions. Medical Care. 2004;42(4):298-304.

**Weiner SJ.** From research evidence to context: the challenge of individualizing care. Evidence Based Medicine. 2004;9:132-133.

**Weiner SJ.** From research evidence to context: the challenge of individualizing care. ACP Journal Club. 2004 Nov-Dec;141:A11.

Weiner SJ, Barnet B, Cheng TL, Daaleman TP. Processes for effective communication in primary care. Ann Intern Med.2005;142:709-714.

Heckerling PS, Gerber BS, Weiner SJ. The "Resident's Dilemma"? Values and Strategies of Medical Residents for Education Interactions: A Cellular Automata Simulation. Methods Inf Med 2006;45:455-461.

**Weiner SJ**, VanGeest J, LaPorte M, Abrams R, Moswin A, Warnecke R. Avoiding Free Care at All Costs: A Survey of Uninsured Patients Choosing Not to Seek Emergency Services at an Urban County Hospital. Journal of Urban Health. 2006 March;83(2):244-252.

VanGeest JB, **Weiner SJ**, Johnson TP, Cummins DS. Impact of managed care on physicians' decisions to manipulate reimbursement rates. Journal of Health Services Research and Policy 2007:12(3):147-152.

Weiner SJ, Schwartz A, Yudkowsky R, Schiff GD, Weaver FM, Goldberg J, Weiss KB. Evaluating Physician Performance at Individualizing Care: A Pilot Study Tracking Contextual Errors in Medical Decision Making. Medical Decision Making. 2007;8(4):726-734.

**Weiner SJ,** Auster S. From Empathy to Caring: Defining the Ideal Approach to a Healing Relationship. Yale Journal of Biology and Medicine. 2007;80(3): 123–130.

**Weiner SJ.** "Dr. Auster and Joan": the problem of asymmetries in terms-of-address. Academic Medicine. 2008;83(9):873.

**Weiner SJ**, VanGeest J, Abrams R, Moswin R, Warnecke R. Managing the Unmanaged: a Case Study of Intra- Institutional Determinants of Uncompensated Care at Healthcare Institutions with Differing Ownership Models. Medical Care. 2008;46(8):821-828.

Rhee Y, Belmonte F, Weiner S. An urban based comparative study of experiences and perceptions differentiating public health insurance-eligible immigrant families with and without coverage. J of Immigrant Health. 2009;11(3):222-228.

Weiner SJ, Jackson J, Garten S. Measuring Continuing Medical Education Outcomes: A Pilot Study of Effect Size of Three CME Interventions at an SGIM Annual Meeting. JGIM. Volume 24, Issue5 (2009), Page 626-629. Selected to be referenced in the American Board of Medical Specialties Evidence Library.

Kertesz S, Weiner SJ. Housing the Chronically Homeless: High Hopes, Complex Realities (Invited Editorial). JAMA. 2009;301(17):1822-1824.

**Weiner SJ.** The Generalist Approach: An Unmeasured Dimension of Physician Performance. (Invited Editorial). Annals of Family Medicine. 2009;7(3):epub: http://www.annfammed.org/cgi/eletters/7/3/198

VanGeest JB, Welch VL, **Weiner SJ.** Patients' Perceptions of Screening for Health Literacy in Primary Care: Reactions to the Newest Vital Sign. Journal of Health Communication. Volume 15, Issue 4 (2010), 402-412.

**Weiner SJ,** Schwartz A, Weaver F, Goldberg J, Yudkowsky R, Sharma G, Binns-Calvey A, Preyss B, Schapira M, Persell SD, Jacobs E, Abrams R. Contextual errors and failures in individualizing patient care: A multicenter study. Ann Intern Med. 2010;153(2):69-75.

**Weiner SJ,** Andes S. Predictors of Payment Behavior among the Medically Uninsured: A Prospective Cohort Study of Patients Seeking Ambulatory Services. Journal of Health Care for the Poor and Underserved. 2010;21(4):1395-1407.

Schwartz A. Weiner SJ, Harris I, Binns-Calvey A. An educational intervention for contextualizing patient care and medical students' abilities to probe for contextual issues in simulated patients. JAMA 2010;304(11):1191-1197.

Binns-Calvey A, Yudkowsky R, **Weiner S**, Dolley F, Brown J, Schwartz A. (2011). Assessing Unannounced Standardized Patients' Accuracy in Real Practice Compared with SP Accuracy in a Clinical Performance Center. Simulation in Healthcare, 6(3):191.

Schwartz A, Weiner SJ, Weaver F, Goldberg J, Yudkowsky R, Sharma G, Binns-Calvey A, Preyss B, Jordan N. Uncharted Territory: Measuring Costs of Diagnostic Errors Outside the Medical Record. BMJ Quality & Safety. 2012;21:918-924.

Johnson TP, Cho Y, Holbrook AL, Shavitt S, Chavez N, **Weiner SJ.** Modeling Error in Self-Reports of Chronic Health Conditions: Cultural Similarities and Differences. Annals of Epidemiology. 2012:22:665.

Schwartz A, Weiner SJ, Binns-Calvey A. Comparing Announced with Unannounced Standardized Patients in Performance Assessment. The Joint Commission Journal on Quality and Patient Safety. 2013;39(2):83-88

Stroupe KT, Smith B, Lee T, St. Andre J, Hogan T, Piette J, Cunningham F, Burk M, Gellad W, Weaver F, **Weiner S**, Huo J, Rogers T. Medication Acquisition across VA and Non-VA Systems of Care and Patient- Provider Communication among Older Veterans. American Journal of Health-System Pharmacy. 2013 May 1;70(9):804-813.

Weiner SJ, Schwartz A, Cyrus K, Binns-Calvey A, Weaver F, Sharma G, Yudkowsky R. Unannounced Standardize Patient Assessment of the Roter Interaction Analysis System: The Challenge of Measuring Patient-Centered Communication. Journal of General Internal Medicine 2013:28(2):254-60.

Weiner SJ, Schwartz A, Sharma G, Binns-Calvey A, Ashley N, Kelly B, Dayal A, Patel S, Weaver FM, Harris I. Patient-Centered Decision Making and Health Care Outcomes: An Observational Study. Annals of Internal Medicine. 2013;158:573-579. <u>http://annals.org/multimediaPlayer.aspx?mediaid=5477628</u> or <u>https://www.youtube.com/watch?v=jMV1usZUI5U</u>

**Weiner SJ,** Kelly B, Ashley N, Binns-Calvey A, Sharma G, Schwartz A, Weaver FM. Content Coding for Contextualization of Care: Evaluating Physician Performance at Patient-Centered Decision Making. Medical Decision Making. 2014;34(1):97-106.

Holbrook AL, Anand S, Johnson TP, Cho YI, Shavitt S, Chávez N, **Weiner SJ.** Response Heaping in Interviewer-Administered Surveys: A cognitive shortcut to satisfice. Public Opinion Quarterly. 2014;78:591-633.

Weiner S, Schwartz A. Directly Observed Care: Can Unannounced Standardized Patients Address a Gap in Performance Measurement? Journal of General Internal Medicine. Volume 29, Issue 8 (2014), Page 1183-1187.

Torelli CJ, Shavitt S, Cho Y, Holbrook A, Johnson T, **Weiner S.** Justice or Compassion? Cultural Differences in Power Norms Affect Consumer Satisfaction with Power-Holders. International Marketing Review. 2015:32(3/4) :279-306.

Weiner SJ, Schwartz A, Sharma G, Binns-Calvey A, Ashley N, Kelly B, Weaver FM. Patient collected audio for performance assessment of the clinical encounter. Jt Comm J Qual Patient Saf. 2015;42(6):273-278.

Holbrook AL, Johnson TP, Cho YI, Shavitt S, Chávez N, **Weiner SJ.** Do Interviewer Errors Help Explain the Impact of Question Characteristics on Respondent Difficulties? Survey Practice. 2016:9(2). Special Issue. Available at

http://www.surveypractice.org/index.php/SurveyPractice/article/view/350/pdf 56

**Weiner SJ,** Schwartz A. Contextual errors in medical decision making: overlooked and understudied. Academic Medicine: Journal of the Association of American Medical Colleges. 2016;91(5):657-662.

Schwartz, **Weiner SJ**, Binns-Calvey A, Weaver F. Providers contextualise care more often when they discover patient context by asking: meta-analysis of three primary data sets. BMJ Quality & Safety. 2016;25(3):159-163. (Editorial at http://qualitysafety.bmj.com/content/25/3/135.full) Selected as "Editor's Choice."

Walton S, Kibum K, Weiner SJ. Considering Recent Trends in Healthcare Labor Markets in Educational Program Planning in Allied Health. Journal of Allied Health. 2017;46(3):197-202.

Binns-Calvey AE, Malhiot A, Kostovich CT, LaVela SL, Stroupe K, Gerber BS, Burkhart L, **Weiner SJ**, Weaver FM. Validating domains of contextual factors essential to patientcentered care using qualitative methods. Academic Medicine: Journal of the Association of American Medical Colleges. 2017:92(9)1287-1293.

Ross PT, Fitzgerald JT, Ravindranath D, Pfeiffer PN, Singh MK, Weiner SJ, Rooney DM, Buckler S, Whitman L, Watts B, Jones D, Tremblay AS, Lypson ML. Assessing Residents' Veteran-Centered Care Skills in the Clinical Setting. Journal of Graduate Medical Education. Journal of Graduate Medical Education. June 2018.

Weaver FM, Binns-Calvey A, Gonzalez B, Kostovich C, LaVela S, Stroupe KT, Kelly B, Ashley N, Miskevics S, Gerber B, Burkhard E, Schwartz A, Weiner S. Alerting Doctors About Patient Life Challenges: A Randomized Control Trial of a Previsit Inventory of Contextual Factors. MDM Policy & Practice. 2019. <u>https://doi.org/10.1177/2381468319852334</u>

Binns-Calvey AE, Sharma G, Ashley N, Kelly B, Weaver FM, Weiner SJ. Listening to the Patient: A Typology of Contextual Red Flags in Disease Management Encounters. J Patient Cent Res Rev. 2020;7:39-46.

Schwartz A, Peskin S, Spiro A, Weiner SJ. Direct observation of depression screening: Identifying diagnostic error and improving accuracy through unannounced standardized patients. Diagnosis. 2020. Published ahead of print: <u>https://doi.org/10.1515/dx-2019-0110</u>

Weiner SJ, Wang S, Kelly B, Sharma G, Schwartz A. <u>How Accurate is the Medical Record? A</u> <u>Comparison of the Physician's Note with a Concealed Audio Recording in Unannounced</u> <u>Standardized Patient Encounters</u>. Journal of the Medical Informatics Association. 24 April 2020. <u>https://doi.org/10.1093/jamia/ocaa027</u>

Schwartz A, Peskin S, Spiro A, Weiner SJ. Impact of Unannounced Standardized Patient Audit and Feedback on Care, Documentation, and Costs: an Experiment and Claims

Analysis. JGIM. Published online: 07 July 2020. https://link.springer.com/article/10.1007/s11606-020-05965-1

Weiner S, Schwartz A, Altman L, Ball S, Bartle B, Binns-Calvey A, Chan C, Falck-Ytter C, Frenchman M, Gee B, Jackson JL, Jordan N, Kass B, Kelly B, Safdar N, Scholcoff C, Sharma G, Weaver F, Wopat M. <u>Evaluation of a Patient-Collected Audio Audit and Feedback</u> <u>Quality Improvement Program on Clinician Attention to Patient Life Context and Health</u> <u>Care Costs in the Veterans Affairs Health Care System</u>. *JAMA Network Open*. 2020:3(7). Published online: July 31, 2020.

Weiner SJ, Meyer E, Schoomaker E. In Memory of Dr. Simon Auster: A Teacher who Challenged and Honored Each Student. The Pharos. Journal of the Alpha Omega Alpha Honor Medical Society. Autumn 2020.

Weiner S. Advancing Health Equity by Avoiding Judgementalism and Contextualizing Care. AMA J Ethics. Invited case and commentary. 2021;23(2):E91-96. <u>https://journalofethics.ama-assn.org/article/advancing-health-equity-avoiding-judgmentalism-and-contextualizing-care/2021-02</u>

Weiner SJ, Schwartz A, Binns-Calvey A, Kass B, Underwood TD, Kane V. Impact of an Unannounced Standardized Veteran Program on Access to Community Based Services for Veterans Experiencing Homelessness. *Journal of Public Health*, 2021;(44)1: 207-213. https://doi.org/10.1093/pubmed/fdab062

Weiner, SJ. Contextualizing Care: An Essential and Measurable Clinical Competency. Patient Education and Counseling. 2022:105(3):594-598. PMID: 34158194 DOI: 10.1016/j.pec.2021.06.016 <u>https://doi.org/10.1016/j.pec.2021.06.016</u>

Kelley AT, Smid MC, Baylis JD, Charron E, Binns-Calvey AE, Archer S, Weiner SJ, Begaye LJ, Cochran G. Development of an unannounced standardized patient protocol to evaluate opioid use disorder treatment in pregnancy for American Indian and rural communities. Addict Sci Clin Pract. 2021 Jun 25;16(1):40.

Ball SL, Weiner S, Schwartz A, Altman L, Binns-Calvey A, Chan C, Falck-Ytter C, Frenchman M, Gee B, Jackson JL, Jordan N, Kass B, Kelly B, Safdar N, Scholcoff C, Sharma G, Subramaniam S, Weaver F, Wopat M. Implementation of a Patient-Collected Audio Recording Audit & Feedback Quality Improvement Program to Prevent Contextual Error: Stakeholder Perspective. *BMC Health Services Research* 21 (891): 2021. https://bmchealthservres.biomedcentral.com/articles/10.1186/s12913-021-06921-3

Kelley AT, Smid MC, Baylis J, Charron E, Begaye LJ, Binns-Calvey A, Archer S, Weiner S, Pettey W, Foringer J, Cochran G. Treatment access for opioid use disorder in pregnancy

among rural and American Indian communities. *J Subst Abus Treat*: 2020. <u>https://pubmed.ncbi.nlm.nih.gov/34953636/</u>

Gold R, Kaufmann J, Gottlieb L, Weiner SJ, Hoopes M, Gemelas J, Torres CH, Cottrell EK, Hessler D, Marino M, Sheppler CR, Berkowitz SA. Cross-Sectional Associations: Social Risks and Diabetes Care Quality, Outcomes. American Journal of Preventive Medicine. <u>Available online 4 May 2022</u>. PMID: 35523696 DOI: 10.1016/j.amepre.2022.03.011

Kelley AT, Baylis JD, Calder SG, Weiner SJ, Zickmund SL, Jones AL, Incze MA, Vanneman ME, Conroy MB, Gordon AJ, Bridges JFP. Patient-centered quality measurement for opioid use disorder: development of a taxonomy to address gaps in research and practice. Subst Abus. 2022;43(1):1286-1299. PMID: 35849749

Kelley AT, Weiner SJ, Francis J. Directly Observed Care: Crossing the Chasm of Quality Measurement. J Gen Intern Med. 2022 Sep 20. doi: 10.1007/s11606-022-07781-1. Epub ahead of print. PMID: 36127536

Weiner SJ, Schwartz A, Weaver F, et al. Effect of Electronic Health Record Clinical Decision Support on Contextualization of Care: A Randomized Clinical Trial. *JAMA Network Open*. 2022;5(10):e2238231-e2238231

#### **Manuscripts Under Review**

#### **Non-Peer-Reviewed Journals**

Weiner SJ. Dyslexia: a genetic approach. Brattleboro Retreat Psychiatry Review 1992; 1: 1-3.

Targonski P, Weiner S, Green S, Whittle J. The 28th Annual SGIM Meeting: Success Born on the Bayou. SGIM Forum 2005 (October) (also on <u>www.sgim.org</u>)

**Weiner SJ.** Managing Chronic Conditions in Uninsured Patients. Virtual Mentor: American Medical Association Journal of Ethics. 2006:8(11):709-716.

Weiner SJ. The Individual, Research and Organizational Change. Invited Research Response to lead commentary in FORUM, the VA HSR&D Newsletter. Fall 2013

Weiner SJ. Fighting Burnout in Medicine. Invited blog post. The Diane Rehm Show Blog. National Public Radio. February 16, 2016 <u>http://thedianerehmshow.org/2016/02/16/fighting-burnout-in-medicine/</u>

Weiner SJ. Why we need "mystery shoppers" directly observing health care. Oxford University Press blog: Academic Insights for the Thinking World.

# http://blog.oup.com/2016/02/undercover-observation-health-care/. Posted February 21, 2016

Weiner SJ, Schwartz A. Context Counts in Clinical Practice. *Chicago Medicine*. Chicago Medical Society. August 2016, pp 20-23.

Weiner SJ, Schwartz A. Finding the Right Research Partners Is Not Easy -- Taking A Portfolio-Driven Approach Can Help. Health Affairs Blog: December 20, 2018. <u>https://www.healthaffairs.org/do/10.1377/hblog20181212.907838/full/</u>

#### Podcast

Weiner SJ, Kertesz S. On Becoming a Healer. September 2020. https://pod.link/healer

#### Video

Weiner SJ, Binns-Calvey A. Content Coding for Contextualization of Care ("4C"): Instructional Video. May 27, 2021. <u>https://youtu.be/fBFmHk8n3FU</u>

Weiner SJ. Contextualizing Care Fireside Chat Series: Six video curriculum on contextualization of care: <u>https://www.youtube.com/playlist?list=PL9-b6XZZMupzmVuuwn1lpph0dpl1fxx2d</u>

### Books

**Weiner SJ.** Schwartz A. Listening for What Matters: Avoiding Contextual Errors in Health Care, 2<sup>nd</sup> Edition. Oxford University Press. August 2023.

**Weiner SJ.** On Becoming a Healer: The Journey from Patient Care to Caring about Your Patients. Johns Hopkins University Press. April 2020.

**Weiner SJ.** Schwartz A. Listening for What Matters: Avoiding Contextual Errors in Health Care. Oxford University Press. January 2016.

## **Book Chapters and Other Publications**

**Weiner SJ.** Medical Error. (2009). In Mullner (Ed). *Encyclopedia of Health Services Research*. (Vol II, 730-735). SAGE Publications.

Johnson TP, Holbrook AL, Shavitt S, Cho YI, Chaves N, Weiner SJ. Using behavior coding to evaluate question comparability (Forthcoming). In Johnson TP, Pennell BE, Stoop I,

Dorer B (Ed). Advances in comparative survey methods: Multicultural, multinational and multiregional contexts (*3MC*). NY: John Wiley.

Weiner SJ. Contextual Error. (2009). In Kattan MW (Ed). *Encyclopedia of Medical Decision Making*. (pp. 198-202). Thousand Oaks, CA: Sage Publications.

Weiner SJ, Ashley N, Binns-Calvey A, Kelly B, Sharma G, Schwartz A. Content Coding for Contextualization of Care: Training & Coding Manual. Harvard Dataverse Network. http://dvn.iq.harvard.edu/dvn/dv/4C.

11.26.12. Version 6: 12.16.14. Synthesized in MedEdPortal at <a href="https://www.mededportal.org/publication/10178">https://www.mededportal.org/publication/10178</a>

Weiner SJ. The Healthcare Safety Net. (2009). In Mullner (Ed). Encyclopedia of Health Services Research. R. (Vol II, 1060-106). SAGE Publications.

Kaufman LS, Weiner SJ. (2015). The CAO and the Curriculum: Developing and Implementing Effective Programs for a Contemporary Student Population. In J. Martin, James & EJ Samels (Eds.). The Provost's Handbook: The Role of the Chief Academic Officer (pp.102-110). Baltimore, MD: Johns Hopkins Press.

Lypson ML, Ravindranath D, Ross PT, Pfeiffer P, Griggs J, Buckler S, Whitman L, Tremblay A, **Weiner S,** Fitzgerald JT. Veteran Interactive Cases To Reinforce Service (VICTORS): Standardized Patient Assessment of Veteran Centered Care. 2016. Accepted at MedEdPortal. <u>https://www.mededportal.org/publication/10326</u> <u>http://dx.doi.org/10.15766/mep\_2374-8265.10326</u>

Johnson TP, Holbrook A, Shavitt S, Cho YIK, Chavez N, **Weiner SJ** (2018). Examining the Comparability of Behavior Coding Across Cultures. In Johnson TP, Pennell BE, Ineke ALS, Dorer B (Eds.). Advances in Comparative Survey Methodology (Draft title); John Wiley (In Progress. For Publication in 2018)

#### Letters

**Weiner SJ.** Bad debt and uncompensated care. Journal of the American Medical Association 1991; 266: 2563.

**Weiner SJ.** Letter to the Editor, New York Times, re "In the Game of Family Dynamics, Who Knows the Rules?" by Dr. Kent Sepkowitz. 10.24.06

Weiner SJ, Schwartz A. Author's Comments on Editorial, "Contextual Error." Ann Intern Med. 2010;153(2):126-127.

Weiner SJ, Schwartz A. The need for biomedically and contextually sound care plans in complex patients [Letter]. Annals of Internal Medicine, 153(9): 620.

Weiner SJ. Medical Education Fails to Provide Cognitive Skills Essential to Personalized, High Value Health Care. Annals of Family Medicine. 2010; Dec 20.

Weiner SJ, Schwartz A. Measuring Health Care. Letter to the Editor. New York Times. <u>http://www.nytimes.com/2016/01/23/opinion/measuring-health-care.html</u>. January 22, 2016.

## Abstracts/Papers/Workshops

#### **Abstracts and Papers**

**Weiner S.** The Determinants of Uncompensated Care: A Comparative Study of a Not-for-Profit, an Investor Owned, and a Public Health Care Institution. Presentation at Annual Meeting, Generalist Physician Faculty Scholars Program, Robert Wood Johnson Foundation. Carlsbad, CA, 5 Dec 2001.

**Weiner S.** Rationing Access to Non-Emergency Care: The Role of Policy and Bureaucratic Front Line Discretion. Poster at Annual meeting, Generalist Physician Faculty Scholars Program. Robert Wood Johnson Foundation. Jacksonville, Florida. 04 Dec 2002.

**Weiner SJ.** LaPorte M, Abrams R, Moswin A, Warnecke R. Rationing Access to Care at Large Healthcare Institutions: The Role of Bureaucratic Front Line Discretion. Poster presentation at AcademyHealth, Annual Meeting. Nashville, TN. 27 June 2003.

**Weiner SJ.** Contextualizing Medical Decisions: A Critical Step to Individualizing Care. Presentation at the opening plenary of the annual meeting of the Society for General Internal Medicine, Midwest Region. 19 Sept 2003

Weiner SJ. Avoiding Free Care at All Costs: A Survey of Uninsured Patients Opting Not to Seek Care at a County Hospital. Poster presentation at Annual meeting, Generalist Physician Faculty Scholars Program. Robert Wood Johnson Foundation. Woodlands, Texas. 3 Dec 2003.

**Weiner SJ.** Avoiding Free Care at All Costs: A Survey of Uninsured Patients Opting Not to Seek Care at a County Hospital. Poster presentation at the Annual meeting, Chicago Health Services Research Consortium, Chicago, IL 17 Dec 2003.

Weiner SJ, VanGeest J, LaPorte M, Abrams R, Moswin A, Warnecke R. Avoiding free care at all costs: a survey of uninsured patients opting not to seek care at a county hospital. Presentation at the Annual Meeting of the Society for General Internal Medicine, 15 May 2004. (Also in JGIM. 2004;19(Suppl 1):124).

Weiner SJ, Schwartz A, Yudkowsky R, Schiff G, Weaver F, Goldberg J, Weiss KB. "Contextual Errors" in Medical Decision Making: What are They and How Do We Find Them? Poster Presentation at Annual Research Day, Hines VA Medical Center, Maywood, IL, 4 April 2005.

Weiner SJ, Schwartz A, Yudkowsky R, Schiff G, Weaver F, Goldberg J, Weiss KB. "Contextual Errors" in Medical Decision Making: What are They and How Do We Find Them? Presentation at the 2005 SGIM Midwest Regional Meeting, Chicago, IL, 30 Sept 2005.

Weiner SJ, Schwartz A, Yudkowsky R, Schiff G, Weaver F, Goldberg J, Weiss KB. Defining and exposing contextual errors in medical decision making: A pilot study of resident trainees. Poster presentation at National VA HSRD Meeting, Washington D.C., 16 Feb 2006.

Rhee Y, Belmonte F, Weiner S. An urban school based comparative study of noneconomic factors differentiating immigrant families with and without health care insurance. Poster presentation at University of Illinois College of Medicine Student Medical Research Forum. Awarded 2nd place in behavioral sciences category 7 Feb 2007.

Belmonte F, Rhee Y, **Weiner S.** An urban school based comparative study of factors differentiating public insurance eligible immigrant families with and without coverage. Poster presentation at the Annual Meeting, Midwest Society of General Internal Medicine. 29 Sept 2007.

Clavier A, Schwartz A, Weiner S, Brousseau D. Predictors Of Appropriate Emergency Department Pediatric Visits Among Latino Patients: A Prospective Cohort Study. Poster Presentation at the Pediatrics Academic Societies Annual Meeting. Hawaii. 04 May 2008.

Binns-Calvey A, Maddox S, Weiner S, Sharma G. Strategies for Avoiding Medical Testing and Procedures for Unannounced Standardized Patients. Poster Presentation at the Association for Standardized Patient Educators. San Antonio, TX. 29 June 2008.

Weiner SJ, Schwartz A, Weaver FM, Goldberg J, Schapira MM, Yudkowsky R, Sharma G, Binns-Calvey A, Preyss B, Jordan N. Overlooking Contextual Information in Medical Decision Making: A Source of Medical Error and Avoidable Cost. Presentation at Annual Meeting of the Veterans Administration Health Services Research and Development, Baltimore, MD, 12 Feb 2009.

Weiner SJ, Schwartz A, Harris IB, Learning to Individualize Care: An Educational Intervention to Reduce Contextual Errors in Medical Decision Making. Poster Presentation at SGIM Annual Meeting. (May 14, 2009)

Weiner SJ, Schwartz A, Weaver F, Schapira M, Jacobs E, Goldberg J, Yudkowsky R, Jordan N. Overlooking Contextual Information when Individualizing Care: A Source of Medical Error and Avoidable Cost. Oral Presentation at SGIM Annual Meeting (May 14, 2009)

Weiner SJ, Schwartz A, Weaver F, Schapira M, Yudkowsky R, Jordan N. Overlooking Contextual Information when Planning Patient Care: A Source of Medical Error and Avoidable Cost. Poster Presentation at AcademyHealth Annual Meeting. (June 28-30, 2009)

**Weiner SJ,** Schwartz A, Harris I. A randomized trial of an educational intervention to reduce contextual errors in medical decision making. Oral Presentation at Midwest Society of General Internal Medicine (Sept 17, 2009)

Weiner SJ, Schwartz A, Weaver F, Schapira M, Jacobs E, Goldberg J, Yudkowsky R, Jordan N, Persell S, Abrams R. Contextual errors lead to avoidable cost: A multi-site unannounced standardized patient trial. Oral Presentation at Opening Plenary of Annual Meeting, Midwest Society of General Internal Medicine (Sept 17, 2009).

Weiner SJ, Schwartz A, Weaver F, Schapira M, Jacobs E, Goldberg J, Yudkowsky R, Jordan N, Persell S, Abrams R. Contextual errors lead to avoidable cost: A multi-site unannounced standardized patient trial. Oral Presentation at Society of Medical Decision Making, Annual Meeting (Oct 18, 2009).

**Weiner SJ,** Schwartz A, Harris I. A randomized trial of an educational intervention to reduce contextual errors in medical decision making. Poster Presentation at Association of American Medical Colleges, Annual Meeting. Poster (Nov 6-11, 2009)

Schwartz A, **Weiner SJ**, Ashley N, Kelly B, Richards M, Vasireddy V. Identifying Best Practices for VA Providers Confronting Knowledge Gaps during Clinical Encounters. Abstract Presentation at the Center for Management of Complex Chronic Care, Locally Initiated Projects Symposium, Hines VA Hospital (March 30,2010)

Holbrook AL, Johnson TP, Shavitt S, Cho YI, Chavez N, **Weiner SJ.** Survey satisficing in different populations: To what extent do response effects reflect satisficing across racial and ethnic groups? Paper presented at the annual meeting of the American Association for Public Opinion Research. Chicago, IL. (Meeting: May 13-16, 2010)

Schwartz A, **Weiner SJ.** Unannounced Standardized Patients: A Gold Standard for the Research and Practice of Clinical Performance Assessment. Ottawa 2010 Conference on Assessment in the Healthcare Professions: 15-20 May 2010, Miami, USA (goo.gl/uKHV9f)

Johnson TP, Holbrook AL, Cho YI, Shavitt S, Chavez N, **Weiner SJ.** & Marzano, K. Cultural Values and Survey Response Style. Paper presented at the annual meeting of the American Association for Public Opinion Research, Chicago, IL (Meeting: May 13-16, 2010)

Johnson TP, Holbrook AL, Cho YI, Shavitt S, Chávez N, **Weiner SJ.** Cross-cultural use of behavior coding: An update. Using behavior codes to understand cultural variability in survey question processing. Paper presented at the Eighth International Workshop on Comparative Survey Design and Implementation. London, March 2011.

Johnson TP, Holbrook AL, Cho YI, Shavitt S, Chávez N, **Weiner SJ.** Using behavior codes to understand cultural variability in survey question processing. Institute for Social and Economic Research, University of Essex, Colchester, England, March 22, 2011.

Johnson TP, Holbrook AL, Shavitt S, Cho YI, Chavez N, **Weiner SJ.** Cross-Cultural Validity of Behavior Codes. Paper presented at the annual meeting of the American Association for Public Opinion Research 2011. Phoenix, AZ. (Meeting: May 12-15, 2011).

Caskey R, Weiner SJ, Gerber B. Exam-Room Based Education to Influence Vaccination Behavior among Veteran Patients in a Primary Care Setting. Society for General Internal Medicine. May 4-7, 2011.

Holbrook AL, Johnson TP, Cho YI, Shavitt S, Chávez N, **Weiner SJ**. Question and Respondent Predictors of Response Latencies to Survey Questions Measuring Opinions, Personal Characteristics and Factual Knowledge. Paper presented at the 66th Annual Meeting of the American Association for Public Opinion Research, Phoenix, AZ. May 2011.

Binns-Calvey A, Yudkowsky R, **Weiner SJ**, Dolley F, Brown J, Schwartz A. Assessing Unannounced Standardized Patients' Accuracy in Real Practice Compared with SP Accuracy in a Clinical Performance Center. Association of Standardized Patient Educators. (Meeting: June 5-8, 2011)

Binns-Calvey A, Yudkowsky R, **Weiner SJ**, Dolley F, Brown J, Schwartz A: Assessing Unannounced Standardized Patients' Accuracy in Real Practice Compared with SP Accuracy in a Clinical Performance Center. Simulation in Healthcare, In press

Schwartz A, **Weiner SJ**, Binns-Calvey A. Comparing Announced with Unannounced Standardized Patients for Assessing Diagnostic Error. 2011 Society of Medical Decision Making Meeting. October 24, 2011.

Johnson T, Cho Y, Holbrook A, Shavitt S, Chávez N, **Weiner SJ.** Effect of Question Characteristics on Responses to Health Survey Questions. Poster presented at the annual American Public Health Association Meeting. Washington, DC. November 1, 2011.

Johnson T, Cho Y, Holbrook A, Shavitt S, Chávez N, **Weiner SJ.** Cultural Variability in Respondent Processing of Health Survey Questions. Paper presented at the 139th annual American Public Health Association Meeting. Washington, DC. November 1, 2011.

Torelli CJ, Shavitt S, Johnson T, Holbrook A, Cho Y, Chávez N, **Weiner SJ**, & Beebe T, Culture, Concepts of Power and Attitudes toward Powerholders: Consequences for Consumer Satisfaction in Ongoing Service Interactions. Paper presented at the annual meeting of the 36th conference of the Midwest Association for Public Opinion Research. Chicago, IL November 18-19, 2011

Koo, M, Shavitt, S, Johnson, T, Holbrook, A, Cho, Y, Chavez, N, & Weiner SJ. on Consuming Less and Being More Satisfied: Lifestyles and Cultural Orientations. Paper presented at the annual meeting of the Society for Consumer Psychology, Atlanta, GA (2011)

Torelli CJ, Shavitt S, Johnson T, Holbrook A, Cho Y, Chávez N, **Weiner S**, Beebe T. Powerfulness and Powerlessness: Situational and Cultural Moderators of the Consequences for Branding and Consumer Satisfaction. Society for Consumer Psychology Winter Conference, Winter Conference, February 16-18, 2012.

Johnson T, Holbrook A, Cho Y, Shavitt S, Chávez N, & **Weiner S.** Acculturation and Survey Question Comprehension and Mapping among Mexican and Korean Respondents in the U.S. To be presented at the meeting of the RC-33 Eighth International Conference on Social Science Methodology. Sydney Australia, July 2012.

Shavitt S, Holbrook AL, Johnson TP, Cho YI, Chávez N, **Weiner SJ.** The Effects of Race/Ethnicity. Cultural Values, and Language of Interview on Socially Desirable Responding. Annual Meeting of the American Association for Public Opinion, Orlando, FL, May 18, 2012

Holbrook AL, Johnson TP, Cho YI, Shavitt S, Chávez N, Weiner SJ. How Do Respondent Behaviors Reflect and Influence Perceptions of Surveys? Annual Meeting of the American Association for Public Opinion, Orlando, FL, May 18, 2012

Cho Y, Johnson T, Holbrook A, Shavitt S, Chávez N, **Weiner SJ**. Cultural differences in the validity of self- reports of chronic health conditions. Annual Meeting of the American Association for Public Opinion, Orlando, FL, May 18, 2012

Johnson T, Holbrook A, Cho Y, Shavitt S, Chávez N, & Weiner SJ. The effects of question design features on the cognitive processing of survey questions across cultural groups. Annual Meeting of the American Association for Public Opinion Research, Orlando, FL May 2012

Cho Y, Johnson T, Weiner SJ, Holbrook A, Shavitt S, Chávez N. Cultural differences in the validity of self- reports of chronic health conditions. Annual Meeting of the American Association for Public Opinion Research, Orlando, FL May 2012

Johnson T, Holbrook A, Cho Y, Shavitt S, Chávez N, **Weiner SJ.** Investigating cultural variability in nonverbal behaviors associated with responding to survey questions. 11th International Workshop on Comparative Survey Design and Implementation. Stockholm, Sweden, March 2013.

Johnson T, Holbrook A, Cho Y, Shavitt S, Chávez N, **Weiner SJ**, Safika I. Interviewer effects on respondent processing of survey questions: A cross-cultural analysis. Paper presented at the 68th Annual Meeting of the American Association for Public Opinion Research, Boston, May 2013.

Holbrook A, Shavitt S, Johnson T, Cho YI, Chávez N, **Weiner SJ**. Examining the role of culture in answering context-general and context-specific survey questions. Paper presented at the 68th Annual Meeting of the American Association for Public Opinion Research, Boston, May 2013.

Hyderi A, Lin A, **Weiner S**, Comins J, Geiss R, Anderson G, Nandkumar S, Vitali C, Troy L, Williams B. Establishing comparability of assessment across all campuses of a multi-site medical school. International Association of Medical Science Educators (IAMSE) 17th Annual Meeting. St Andrews, Scotland, June 2013.

Shavitt S, Holbrook AL, Johnson TP, Cho YI, Chávez N, **Weiner SJ.** Fairness or Compassion? Cultural Differences in Power Norms Affect Judgments of Power-Holders. Association for Consumer Research Conference. 2013 Annual Conference, October 3-6, 2013.

Herrera CL, **Weiner SJ.** The digital education divide at UIC. Conference on Innovative Practices in Teaching and Learning. UIC Forum, Chicago, IL. October 9, 2013.

Johnson TP, Sterrett D, Stavrakantonaki M, Holbrook A, Shavitt S, Cho YI, Chavez N, **Weiner SJ.** Assessing the robustness of established construct associations across race/ethnic groups. Paper presented at the 2014 International Workshop on Comparative Survey Design and Implementation, Bethesda, MD, March 2014.

Holbrook AL, Sterrett D, Stavrakantonaki M, Johnson TP, Shavitt S, Cho YI, Chavez N, **Weiner SJ.** Measuring culture across racial and ethnic groups in the U.S.: Exploring challenges and solutions. Paper presented at the 69th Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2014.

Johnson TP, Holbrook A, Shavitt S, Stavrakantonaki M, Sterrett D, Cho YI, Chavez N, **Weiner SJ.** Utility of nonverbal behavior coding for detecting comprehension difficulties

across race/ethnic groups. Paper presented at the 69th Annual Meeting of the American Association for Public Opinion Research, Anaheim, CA, May 2014.

Shavitt S, Johnson T, Sterrett S, Stavrakantonaki M, Holbrook A, **Weiner SJ**, Cho YI. The role of culture in response styles to survey questions. Paper presented at Culture-Sensitive Health Communication: Scientific Small-Group Meeting of Experts, Erfurt, Germany, May 2014.

Weiner SJ, Schwartz A, Kelly B, Binns-Calvey A, Sharma G, Ashley N, LaVella S. Evaluating the impact of innovations to improve patient centered care on contextualization of care. A presentation within panel titled: Participatory evaluation methods of patient-centered care innovations across a large integrated health care system (Veterans Affairs). LaVela S, Hill JN, Balbale SN, Locatelli SM, Weiner SJ. AcademyHealth Annual Meeting, San Diego, CA June 8, 2014.

Stavrakantonaki M, Johnson TP, Holbrook AL, Cho YI, Shavitt S, **Weiner SJ**, Chavez N. Effects of acculturation on question comprehension. Poster presented at the 70th Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 2015.

Malhiot A, Kostovich C, Binns-Calvey A, LaVela SL, Stroupe KT, Gerber BS, **Weiner SJ**, Weaver FM. Patient-Centered Care from the Veterans Perspective. Poster session presented at: Ruth K. Palmer Research Annual Symposium; Maywood, IL, April 11, 2015.

Holbrook AL, Johnson TP, Cho YI, Shavitt S, Chavez N, **Weiner SJ.** The effect of question characteristics on respondent and interviewer behaviors. Paper presented at the 70<sup>th</sup> Annual Meeting of the American Association for Public Opinion Research, Hollywood, FL, May 2015.

**Weiner SJ.** 4. This Visit May be Recorded: Direct Assessment of the Clinical Encounter for Attention to Patient Context. A presentation within panel titled: Patient-centered Care: What Is It and How Should We Measure It? Bokhour B, Tinetti M, Eisen S, **Weiner SJ.** AcademyHealth Annual Meeting, Minneapolis, MN June 12, 2015.

Malhiot A, Binns-Calvey A, Burkhart L, Kostovich C, LaVela SL, Stroupe KT, Gerber BS, **Weiner SJ**, Weaver FM. Perceptions of Patient-Centered Care in VAMCs and CBOCs. Abstract and Poster session presented at: VA HSR&D / QUERI National Meeting; Philadelphia, PA, July 9, 2015.

Johnson TP, Cho Y, Holbrook A, Shavitt S, Sterrett D, Weiner SJ, Chávez N, Stavrakantonaki, M. Cross- Cultural Equivalence of Survey Response Latencies. European Survey Research Association. Reykjavik, Iceland. July 14-17, 2015.

Lypson ML, Ross PT, Pfeiffer P, Rooney D, Tremblay AS, Ravindranath D, Griggs J, **Weiner S**, Buckler S, Whitman L, Fitzgerald JT. Assessing Veteran-Centered Communication Skills: Validation of a Military Focused Standardized Patient Checklist. International Conference on Communication in Healthcare (ICCH), New Orleans, LA, October 2015.

Schwartz A, Kamin C, Binns-Calvey A, Sharma G, Cyrus K, **Weiner S.** Physician behaviors that support or hinder contextualized care. Poster presentation at the 16th Biennial European Conference of the Society for Medical Decision Making. London, UK. June 2016

Holbrook AL, Johnson TP, Cho YI, Shavitt S, Chavez N, **Weiner S**. Examining respondentinterviewer interactions using behavior coding data and paradata. Paper presented at the Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016.

Johnson TP, Holbrook AL, Cho YI, Shavitt S, Chavez N, Weiner S. Cross-cultural comparability of behavior coding. Paper presented at the Second International Conference on Survey Methods in Multinational, Multiregional, and Multicultural Contexts (3MC 2016), Chicago, July 2016.

Schwartz A, Peskin S, Spiro A, Binns-Calvey A, Sharma G, Weiner S. Direct Observation and Feedback Identifies and Improves Errors in Care. Society of Medical Decision Making, Annual Meeting, Portland OR, October 21, 2019.

Weiner S. Learning to write frankly about ourselves, our training and our profession. The Examined Life: the Writing, Humanities and Arts of Medicine. Roy J. and Lucille A. Carver College of Medicine, Iowa City, IA. Virtual Presentation, October 31, 2020.

Weiner S, Schwartz A. Utilizing Clinical Decision Support to Prevent Contextual Errors: A Randomized Clinical Trial. Society of General Internal Medicine Annual Meeting, Orlando, FL. Oral Presentation, April 8<sup>th</sup> 2022.

Binns-Calvey A, Kass B, Kiser R, Weiner S. Improving veterans experiencing homelessness' access to care. Association of Standardized Patient Educators Annual Conference, New Orleans, Louisiana, June 26-29, 2022.

Binns-Calvey A, Kass B, Kiser R, Weiner S. Preparation, training, and support of SPs for Unannounced Visits. Association of Standardized Patient Educators Annual Conference, New Orleans, Louisiana, June 26-29, 2022. Also published in *Simulation in Healthcare*.

Schwartz A, Weiner S. Contextualizing Care Through EHR Clinical Decision Support: A Randomized Clinical Trial. Society for Medical Decision Making, Seattle, WA. Oral Presentation, October 23 - October 26, 2022.

Schwartz A, Weiner SJ, Weaver F, Galanter W, Olender S, Kochendorfer K, Binns-Calvey A, Saini R, Iqbal S, Diaz M, Michelfelder A, Varkey A. Contextualizing Care Through EHR Clinical Decision Support: An Unannounced Standardized Patient Experiment. 45th Annual North American Meeting of the Society for Medical Decision Making, Philadelphia, PA. Oral Presentation, October 22-25, 2023.

### **Abstracts Under Review**

Torre E, Schwartz A, Weiner S, Binns-Calvey A. The Persistent Patient: Frequency of Raising Contextual Red Flags and Likelihood of Contextualized Care. Society of Medical Decision Making. Annual Meeting. Boston, MA, October 27-30, 2024.

#### Workshops

Ethical and Legal Dilemmas in the Care of the Uninsured Co-coordinator: Jonathan VanGeest, PhD, Senior Scientist, American Medical Association Workshop: Annual Meeting of the Society of General Internal Medicine in Atlanta, Georgia	04 May 2002
Between and Rock and a Hard Place: Ethical and Legal Dilemmas in the Care of the Uninsured and Underinsured Co-coordinator: Jonathan VanGeest, PhD, Senior Scientist, American Medical Association Workshop: Annual Meeting of the Midwest Region of the Society of General Internal Medicine	27 Sep 2002
The Power of the Narrative Invited participant 2 day workshop Workshop: Robert Wood Johnson Foundation and the Business Innovation Factory	4-6 Feb 2015
Learning to Avoid "Contextual Errors" When Planning Patient Care Co-Director: Alan Schwartz, PhD. Funded by the American College of Physicians Workshop: Annual Meeting of the American College of Physicians, Herbert S. Waxman Clinical Skills Center, Boston MA	01 May 2015
Learning to Avoid "Contextual Errors" When Planning Patient Care Funded by the American College of Physicians Workshop: Annual Meeting of the American College of Physicians, Herbert S. Waxman Clinical Skills Center, Washington DC	06 May 2016

Learning to Avoid "Contextual Errors" When Planning Patient Care Funded by the American College of Physicians Workshop: Annual Meeting of the American College of Physicians, Herbert S. Waxman Clinical Skills Center, San Diego	30-31 Mar 2017
Blueprint for Complex Card Expert Convening Funded by the Commonwealth Fund and the Robert Wood Johnson Foundation; the National Center for Complex Health and Social Needs, Camden, New Jersey	20 Apr 2018
Learning to Avoid "Contextual Errors" When Planning Patient Care Funded by the American College of Physicians Workshop: Annual Meeting of the American College of Physicians, Herbert S. Waxman Clinical Skills Center, San Diego	21 Apr 2018
Patient/Family Centered Decision-Making to Improve Health Outcomes (workshop 1) Provider Feedback Performance Measurements for Improving the Quality of Care (workshop 2) Visiting Professors Series at Akron Children's Hospital Rebecca D. Considine Research Center.	07 Sep 2018
Contextualizing care plans utilizing Docs for Health, an online resource for addressing social determinants of health. Workshop. Vanjani R, Weiner S, Smith M, Reddy N, Trimbur MC, Merrick C. Society of General Internal Medicine Annual Meeting, Orlando, FL. W, April 7 <sup>th</sup> 2022.	07 April 2022
Contextualizing care in the context of chronic pain. Presented two talks and facilitated workshop break out groups at 2-day conference on treatment refractory chronic pain management, Veterans Health Administration, VISN 17. Dallas, TX	14 Sept 2022
Speaker and facilitator, Workshop on contextualization of care for Rochester Communication in Healthcare faculty, Mayo Clinic (virtual).	27 Sept 2022
Speaker and facilitator, Workshop on contextualization of care for Mayo Clinic Health System, Mayo Clinic (virtual). (upcoming)	15 Aug 2024

# **Invited Presentations**

Invited i resentations	
Learning Medicine with a Learning Disability Invited Presentation: Panel on Disability, Presentation for Medical Students at Uniformed Services University of the Health Sciences, Bethesda, MD, (Repeated 3 Feb2004)	05 Feb 2002
Informed Consent: When a Patient Says "Yes" but should Have Said "No."	14 Mar 2003
Invited Presentation: Dialogues in Research Ethics series at the University of Miami Bioethics Program, Miami, FL	
"Contextual Errors "in Medical Decision Making: What are They and How Do We Find Them? Faculty Presentation: Pediatric Grand Rounds, Illinois Masonic Medical	16 Nov 2005
Center, Chicago, IL	
Learning Medicine with a Learning Disability Invited Presentation on Panel: Medical Student Course, Human Context In Health Care, Uniformed Services University of the Health Sciences, Bethesda, MD	30 Jan 2007
Contextualizing Medical Decisions: A Critical Step to Individualizing Care Invited Speaker: National Medicine Pediatrics Residency Association meeting, University of Chicago, Chicago, IL	06 Oct 2007
"Doc, I can't afford that" The Challenges of Caring for the Medically Underinsured Invited Speaker: American Medical Students Association. Annual Meeting, Chicago, IL	20 Oct 2007
The Role of State Health Policy Centers in Advancing State Health Policy Invited Speaker: Subcommittee on Health & Life Sciences of the Union League Club of Chicago, Chicago, IL	17 Jan 2008
Beyond Auditing Charts: Using Undercover Standardized Patients to Assess the Quality of Physician Performance Invited Speaker: Northwestern Institute for Health Care Studies, Chicago, IL	06 Mar 2008

Applying Research Evidence to Our Patient's Context: The Challenge of Individualizing Care Invited Speaker: University of Chicago, Combined Dept. of Medicine and Dept. of Pediatrics Grand Round	28 Oct 2009
Jewish Ethics and Health Care Reform Invited Speaker: Limmud, Chicago, Panel discussion with Laurie Zoloth, and Shoshana Waskow	14 Feb 2010
Beyond Auditing Charts: Assessing Physician Performance at Individualizing Care Invited Speaker: University of Chicago, College of Medicine, Department of Medicine, Research-in- Progress	26 Feb 2010
Exposing Contextual Error: Assessing Physician Performance at Individualizing Care Invited Speaker: Tulane University, College of Medicine, Department of Medicine, Ground Rounds and Visiting Scholar	03 Mar 2010
Bedside Rationing: A Counterpoint to Presentation by Peter Ubel Invited Speaker: American Medical Association, Council on Ethics and Judicial Affairs, Annual Meeting, Chicago	14 Jun 2010
"What is the Best Thing for This Patient at This Time" Invited Speaker: Illinois Masonic Hospital, Department of Medicine Grand Rounds	29 Sep 2010
"What is the Best Thing for This Patient at This Time" Invited Speaker: American Medical Students Association, National Webinar	14 Oct 2010
"What is the Best Thing for This Patient at This Time": The Challenge of Individualizing Care Invited Speaker: University of Alabama at Birmingham, Department of Medicine Grand Rounds	27 Oct 2010
"What is the Best Thing for This Patient at This Time": The Challenge of Individualizing Care Invited Speaker: University of Illinois at Chicago, Medical Scientist Training Program Seminar	10 Mar 2011

Health Disparities and Health Equity: Exploring Barriers to Health and Health Care Invited Speaker: American Medical Students Association, National Webinar	25 Jan 2012
"What is the Best Thing for This Patient at This Time": The Challenge of Individualizing Care Invited Speaker: Thorek Hospital, Chicago, Grand Rounds	10 Feb 2012
"What is the Best Thing for This Patient at This Time": The Challenge of Individualizing Care Invited Speaker: Stritch School of Medicine, Loyola University, Maywood IL, Grand Round	22 May 2012
Cutting Edge Thinkers and VHA Leaders to Develop Guiding Documents and Action Plans for the Transformation of VHA to A System of Personalized, Proactive, Patient-Driven Care Invited Participant: Veterans Administration, New Directions Conclave, Washington DC	8-9 Nov 2012
Designed to Prepare VA Facilities to Introduce the Patient Health Inventory Invited Speaker for a National Webinar. VA Office of Patient Centered Care and Cultural Transformation. Webinar on Contextualization of Care (goo.gl/iWSszi)	24 Jan 2013
"What is the Best Thing for This Patient at This Time?" Physicians' Assumptions about Patients' Context Invited Speaker: American Medical Students Association, National Webinar	19 Feb 2013
Great Challenges: Connecting the Dots in Patient-centered Care Invited Panelist: TEDMED Great Challenges series (goo.gl/OCsInC)	05 Dec 2013
Trust is Medicine: Influencing more care decisions through relationships and empowerment. Invited Speaker: National Business Group on Health, Business Health Agenda Conference. With Alan Spiro, Accolade, Washington D.C	06 Mar 2014
Contextualizing Care: A Quality Improvement Project Invited National Webinar Presentation: For Veterans Administration Primary Care Field Advisory Committee	08 May 2014

Trust is Medicine: Influencing more care decisions through relationships and empowerment. Invited Speaker: National Business Group on Health, Business Health Agenda Conference. With Alan Spiro, Accolade, Washington D.C	06 Mar 2014
Patient-Centered Decision Making and health Care Outcomes Invited Speaker: Saints Mary and Elizabeth Medical Center, Chicago, IL	04 Jun 2014
Schwartz A, Weiner SJ. The Value of Direct Observation and Feedback on Provider Performance in Diagnosis: Invited input to the Cognition and Education Working Group of the Institute of Medicine Study on Diagnostic Error in Health Care.	22 Oct 2014
Using Faculty "Cluster Hiring" to Increase Diversity, Enhance Collaboration and Improve Climate Invited Speaker: Webinar from the Higher Education Recruitment Consortium	24 Sep 2015
Contextualizing Veterans Care: A Scalable Performance Improvement Strategy Invited Speaker: Webinar for the Performance Assessment Working Group of the Veterans Health Administration	25 Mar 2016
Listening for What Matters: <u>Lessons about Caring from Concealed</u> <u>Recordings of Medical Encounters</u> Invited Speaker: Compassion in Action Webinar Series: The Schwartz Center for Compassionate Healthcare	13 Sep 2016
Directly observing care: deploying unannounced standardized patients to improve quality Invited Speaker: Stanford Medicine X, Main Stage presentation. As co- founder and principle, Institute for Practice and Provider Performance Improvement (I3PI)	18 Sep 2016
Contextualizing Care: "What is the Best Thing for <i>This</i> Patient at <i>This</i> Time? Invited Speaker: Advocate Christ Medical Center. Oak Lawn, IL. Grand Rounds	11 May 2017

Unannounced Standardized Veterans: A Quality Improvement Effort to Identify and Disseminate Best Practices Across Community Resource and Referral Center Invited Speaker: Advisory Committee on Homeless Veterans, Department of Veterans Affairs, Washington D.C.	18 May 2017
Unannounced Standardized Patients Assess Communication and Patient Engagement: Can we Measure What Matters? Invited Speaker: American Board of Medical Specialties, Research Summit. As co-founder and principle, Institute for Practice and Provider Performance Improvement (I3PI)	25 Sep 2017
Listening for What Matters: Avoiding Contextual Errors in Health Care Invited Speaker: NorthShore University HealthSystem, Evanston IL. Grand Rounds	20 Oct 2017
Collecting Hidden Data on Quality: Employing "Mystery Shoppers" to enhance value-based care. Invited Speaker (by Donald Berwick): Institute for Healthcare Improvement, Leadership Alliance, Webinar.	23 Jan 2018
Collecting and Using Hidden Data on Quality: Lessons from BHI, Horizon, and I3PI. Invited Speaker (with Alan Spiro, BHI; Steven Peskin Horizon). Webinar.	08 Mar 2018
This Visit May be Recorded: Direct Assessment of the Clinical Encounter to Prevent Contextual Error. Grand Rounds, Department of Public Health Sciences, Loyola University Chicago	24 Apr 2018
Collecting and Using Hidden Data on Quality: Lessons from BHI, Horizon, and I3PI. Invited Speaker (with Alan Spiro, BHI; Steven Peskin Horizon). BlueCross BlueShield National Summit, Orlando Florida.	03 May 2018
Direct Assessment of the Clinical Encounter to Prevent Contextual Error. Featured Speaker: Research Week, Jesse Brown VA Medical Center	1 <b>63Maşy2D08</b> 8
Contextualizing Care: "What is the Best Thing for <i>This</i> Patient at <i>This</i> Time?" Invited Speaker: Visiting Professors Series presentation at Akron Children's Hospital Rebecca D. Considine Research Center. Akron, OH.	07 Sep 2018

Collecting and Using Hidden Data on Quality to Enhance Value Based Care Invited Speaker: Horizon Blue Cross Blue Shield of New Jersey 6 <sup>th</sup> Annual Value-Based Summit (with Alan Schwartz). Woodbridge, New Jersey.	02 Oct 2018
Assessing attention to life context in care planning: The "4C" coding methodology (Keynote). How to run a research and quality improvement initiative on communication in a large healthcare organization (Keynote) Invited Keynote Speaker: Oslo Communication in Healthcare Education and Research ( <u>OCHER</u> ). Oslo, Norway.	16-18 Jan 2019
Patient-Collected Audio Recorded Encounters for Provider Feedback to Reduce Contextual Errors: An Implementation Study Invited Webinar: Prevention Science & Methodology Group, Feinberg School of Medicine, Northwestern University.	19 March 2019
Introducing a Mystery Patient Program to Supplement Big Data and Enhance Value Based Care Invited Speaker: (with Alan Spiro, BHI; Steven Peskin Horizon). BlueCross BlueShield National Summit, Gaylord, Texas.	1 May 2019
Visiting Professor in the Katherine Swan Ginsburg Program in Humanism in Medicine. Contextualizing Medical Decisions to Individualize Care (Grand Rounds May 30 <sup>th</sup> ); On Becoming a Healer: The Journey From "Patient Care" to Caring About Your Patients (May 31 <sup>st</sup> ). Beth Israel Deaconess Medical Center, Boston, MA.	29-31 May 2019
Contextualizing Medical Decisions to Individualize Care Grand Rounds, Department of Medicine, University of Texas, San Antonio.	12 June 2019
Amplifying the Impact of Partnerships: A Framework for Researchers. Knight M, Garg P, Schrader C, Weiner S, Schwartz A. Research on Care Community (ROCC), American Association of Medical Colleges. Invited Webinar.	13 June 2019
<u>Commencement Speaker</u> , Master of Science in Health Communication, Northwestern University, Evanston IL	24 Aug 2019
Chicago Ideas, <u>Listening Between the Lines</u> , <u>Speaker</u> , Venue SIX10, Chicago IL	2 <b>9</b> 5A&gpt220199

<u>Preventing Contextual Errors</u> , iEX, VHA Innovation Experience, US Department of Veterans Affairs, National Press Club. Washington D.C.	23 Oct 2019
Driving Impact Through Partnerships: Payer/Provider Classification Framework. Knight M, Garg P, Schrader C, Weiner S, Schwartz A. AcademyHealth. Invited Webinar.	5 Nov 2019
Contextualizing Care: Addressing Social Determinants of Health One Patient at a Time; Social Interventions Research & Evaluation Network (SIREN), UCSF. Invited virtual presentation.	26 June 2020
<u>Plenary Speaker</u> : International Conference on Communication in Healthcare. Virtual (original location: Vienna). Contextualising medical decisions to individualise care. <u>https://vimeo.com/474981486</u>	09 Sept 2020
Session Panelist (with Alan Spiro and Yoni Shtein): Improving Care and Lowering Cost Post Hospitalization. The 21st Population Health Colloquium	14 Oct 2021
Presentation to the VA Quality Scholars Program (virtual): Contextualizing Care	08 Oct 2021
Grand Rounds. UCSF Family and Community Medicine. Contextualizing Care: An Essential and Measurable Clinical Competency: <u>https://www.youtube.com/watch?v=I8wSx-O6Bw4</u>	05 Nov 2021
Keynote Speaker. Whole Health Community of Practice, Department of Veterans Affairs (virtual). Contextualizing Care: An Essential Competency for the Whole Health Clinician, <u>Whole Health Clinical</u> <u>Community of Practice Call (bcvp0rtal.com)</u>	05 May 2022
Keynote Speaker. Kunsten at Kommunikere conference, hosted by the Centre for Research in Patient Communication (CFPK), <u>www.cfpk.dk</u> . Middelfart, Denmark.Contextualizing Care: An Essential and Measurable Clinical Competency.	01 June 2022
Health Disparities, Patient Safety, and the Prevention of Contextual Error. Class in Master of Science in Healthcare Quality and Patient Safety. Northwestern University	15 July 2022
Keynote Speaker and meeting facilitator. V17 2022 Veterans In Pain - Pain Management, Opioid Safety, Suicide Prevention Teams (VIP- POST) Conference. Department of Veterans Affairs. September 14-15. Dallas, Texas	14 Sept 2022

Grand Rounds, Listening for What Matters – Evidence Based Merits of Contextualizing Patient Care and Treatment Planning. Department of Medicine, Mayo Clinic, Rochester MN (virtual)	12 Oct 2022
Invited Speaker, Contextualizing Care: An Essential and Measurable Clinical Competency. Today's Innovations in Medical Education (TIME) lecture series. Feinberg School of Medicine. Northwestern University, Chicago, IL <u>https://feinberg-</u> <u>northwestern.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=7</u> <u>281686e-ff8c-4764-99b5-af3201811720</u>	18 Oct 2022
Invited Speaker, Medical Education Grand Rounds. Contextualizing Care: An Essential and Measurable Clinical Competency. Donald and Barbara Zucker School of Medicine at Hofstra Northwell	28 Nov 2022
Visiting Professor, Kaiser Permanente School of Medicine. Contextualizing Care: Workshops with course directors, students, and all school address. Pasadena, CA	8-9 Mar 2023
Keynote Speaker, Gold Humanism Honor Society Northeast Regional Conference; Gold Humanists: Why Swimming Against the Current Matters. Philadelphia College of Osteopathic Medicine, Philadelphia, PA.	11 Mar 2023
Dr. Seymour Cohen Memorial Lecture, Academic Competition and Research Symposium, Northwell Health/Zucker School of Medicine and Donald and Barbara Zucker School of Medicine at Hofstra Northwell. Contextualizing Care: An Essential and Measurable Clinical Competency. Hempstead, N.Y.	30 May 2023
Invited Speaker, Division of Preventive Medicine Grand Rounds. Contextualizing Care: An Essential and Measurable Clinical Competency. Department of Medicine, Rush University Medical Center, Chicago (virtual).	21 Jun 2023
Invited Panelist, Contemporary Communication Skills, <i>Build a Better</i> <i>Curriculum Series</i> . Contextualizing Care: An Essential and Measurable Clinical Competency. Association of American Medical Colleges (virtual).	13 Sep 2023

Invited Speaker, Department of Medical Education Grand Rounds. University of Miami Miller School of Medicine. Contextualizing Care: An Essential and Measurable Clinical Competency. (virtual). <u>https://miami.zoom.us/rec/share/FJGpf0iS7nLCbnYT-biHn-</u> <u>txqyoX3EcNhAYdQ5IPXP54aaDIINLSyF10kINYgsZZ.FDK_EXnfFIIaghdo?s</u> <u>tartTime=1694793890000</u>	15 Sep 2023
Invited Speaker, Seminar Series on Implementation Science. Parkinson School of Health Sciences and Public Health. Application of a Stepped- Wedge Trial Design to Assess a Provider Intervention to Enhance Contextualization of Care (virtual). <u>https://drive.google.com/file/d/1Mc6UjcYhh_rWwYEBoHdNvLFNYpW</u> <u>B3UbY/view?usp=sharing</u>	18 Sep 2023
Invited Panelist, EHRM Research Development, Cerner Data and Approaches to Cerner-based Interventions. VA Electronic Health Record Modernization Research Summit: Accelerating Adaptive and Responsive EHRM Research; PROVEN Coordinating Hub to Promote Research Optimizing Veteran-centric EHR Networks. (virtual).	29 Sep 2023
Invited Speaker, Medicine Grand Rounds. Hackensack Meridian Health. Contextualizing Care: An Essential and Measurable Clinical Competency. (virtual). <u>https://hmhn.zoom.us/rec/share/ne9X8B_xZpT7gxjALvCkTta8_XyCm2</u> <u>Mq9uu3V_rI7W5gg1UDROeSJbGuxNWMAnwl.trzoBeX5R2f_G5PL</u>	04 Oct 2023
Invited Speaker, Graduate Medical Education Equity Grand Rounds, Peoria Campus, University of Illinois at Chicago College of Medicine. Contextualizing Care: An Essential and Measurable Clinical Competency. (virtual).	06 Oct 2023
Invited Speaker, Symposium on the Social and Structural Drivers of Health in Medical Education, Kaiser Permanente Bernard J. Tyson School of Medicine, Contextualizing Care: An Essential and Measurable Clinical Competency. (virtual).	08 Dec 2023
Invited Speaker, Medicine Grand Rounds. Reading Hospital, Tower Health. <u>Contextualizing Care: An Essential and Measurable Clinical</u> <u>Competency</u> . Reading, PA (in person).	14 Dec 2023

Invited Speaker, International Association for Communication in Health care (rEACH) Connectivity Webinar Series. Disseminating Research on Contextualizing Care Using Multi-Media and Business Strategies. International (virtual).	19 Mar 2024
Keynote Lecture, Annual Research Day, Virtua Health College of Medicine and Health Sciences of Rowan University, Contextualizing Care: An Essential and Measurable Clinical Competency. Stratford, N.J.	02 May 2024
Invited Lecture, Annual Research Day, Jesse Brown VA Medical Center, Adapting Care to the Life Context of Veterans Improves Outcomes: The Research Evidence. Chicago, IL.	07 May 2024
Invited Speaker, 7th Annual Chicago Health, Medical and Law Careers Citywide Student Conference, I Am Abel Foundation; Dealing with Micro and Macro Aggressions in Medical School and Residency. Chicago, IL.	17 May 2024
<u>Upcoming:</u> Grand Rounds, Department of Internal Medicine, University of Utah School of Medicine. Contextualizing Care: An Essential and Measurable Clinical Competency. Salt Lake City, UT	06 June 2024
Guest Speaker, VHA Annual VISN Chief Health Informatics Officer Face-to-Face Summit, Innovations in CDS to facilitate clinician attention to veteran life context in care planning. (Virtual)	07 Aug 2024

## Select Media Interviews and Coverage

Van Diepen LR. Pharmaceutical manufacturer assistance programs for indigent patients: Solution or symptom? Commentary on **Weiner SJ**, Dischler J, Horvitz C. Beyond pharmaceutical manufacturer assistance: broadening the scope of an indigent drug program. American Journal of Health-Systems Pharmacy. 2000; 58: 146-150.

Walter N, Schillinger D. Front-line Bureaucracies and the Moral Mechanics of US Health Care. Commentary on **Weiner SJ.** LaPorte M, Abrams R, Moswin A, Warnecke R. Rationing access to care to the medically uninsured: the role of bureaucratic front line discretion at large healthcare institutions. Medical Care. 2004;42(4):298-304.

"Non-medical staff play key role in healthcare access for uninsured patients" BMJ. 22, May 2005. News article on **Weiner SJ.** LaPorte M, Abrams R, Moswin A, Warnecke R. Rationing access to care to the medically uninsured: the role of bureaucratic front line discretion at large healthcare institutions. Medical Care. 2004;42(4):298-304.

Live interview on NPR station, WBEZ, morning news program "848" with anchor Steve Edwards, 13 April, 2006 on **Weiner SJ**, VanGeest J, LaPorte M, Abrams R, Moswin A, Warnecke R. Avoiding Free Care at All Costs: A Survey of Uninsured Patients Choosing Not to Seek Emergency Services at a Urban County Hospital. Journal of Urban Health. 2006 March;83(2):244-252.

"Emergency department overcrowding in safety net hospitals " Chicago Journal, 14 April, 2006, report of **Weiner SJ.** LaPorte M, Abrams R, Moswin A, Warnecke R. Rationing access to care to the medically uninsured: the role of bureaucratic front line discretion at large healthcare institutions. Medical Care. 2004;42(4):298-304.

"Emergency Department Overcrowding" Feature length front page interview on study of ED overcrowding, published in La Raza, Chicago, 12 May, 2006.

Interview on NBC-5 Television with news anchor Nesita Kwan on the impact of retail clinics on primary care and the uninsured, 6 Nov, 2006

Interview (live) on WFLD-TV Fox 32, Chicago on the AAP statement on reducing the adverse effects of media marketing to children, 18 Dec, 2006.

Interviewed and quoted for Chicago Tribune feature, "Failure to bill costs Cook health system," by Judith Graham. 14, Jan 2007.

Gorman P. Measuring the care of the patient in context. Commentary on **Weiner SJ**, Schwartz A, Yudkowsky R, Schiff GD, Weaver FM, Goldberg J, Weiss KB. Evaluating Physician Performance at Individualizing Care: A Pilot Study Tracking Contextual Errors in

Medical Decision Making. Medical Decision Making. 2007;8(4):726-734. Medical Decision Making. 2007;8(4):726-734.

Interviewed live on Intime TV, Eye On Harvard show, "Studying access to health care: surprising or not so surprising conclusions." <u>www.intimetv.com</u>. 23 March, 2008

Sattinger A. The Hospitalist, "Patients' Circumstances Count in Care Planning," full length feature article reviewing research on contextual error, October 2008, at (goo.gl/aqjalw)

LaCombe MA. Contextual Errors. [Commentary on **Weiner SJ**, Schwartz A, Weaver F, Goldberg J, Yudkowsky R, Sharma G, Binns-Calvey A, Preyss B, Schapira M, Persell SD, Jacobs E, Abrams R. Contextual errors and failures in individualizing patient care: A multicenter study. Ann Intern Med. 2010;153(2):69-75.] Ann Intern Med. 2010;153:126-127.

Article in Chicago Tribune, "'Mystery patients' help to uncover medical errors," full length feature article, announced on Page 1. 20 July, 2010. Also published in other newspapers including Los Angeles Times. (goo.gl/RbLflm)

Interviewed on Chicago Public Radio, WBEZ, "Eight-Forty-Eight" on Annals of Internal Medicine study of Contextual Error, 20 July2010.

Interviewed and filmed in clinic by ABC-7 television on Annals of Internal Medicine study, 19 July 2010. (goo.gl/tNRfOo)

Interviewed and filmed in clinic by WGN-9 television on Annals of Internal Medicine study, 19 July 2010.

Interviewed on Chicago Talk Radio WVON 1690 AM on Annals of Internal Medicine study, 21 July 2010.

Article in American Medical News, American Medical Association, "Patients' Life Circumstances an Important Factor in Care, August 12, 2010.

Article in The Huffington Post, "Physician's Errors: How Our Health Care System Is Failing Us," August 20, 2010. (goo.gl/16ADJ1)

Discussion of study of several of the Contextual Error studies featured on Chicago public television station, WTTW, December 14, 2010.

Aboumatar HJ, Cooper LA. Contextualizing Patient-Centered Care to Fulfill Its Promise of Better Health Outcomes: Beyond Who, What, and Why.[Commentary on **Weiner SJ**, Schwartz A, Sharma G, Binns-Calvey A, Ashley N, Kelly B, Dayal A, Patel S, Weaver FM, Harris I. Patient-Centered Decision Making and Health Care Outcomes: An Observational

Study. Annals of Internal Medicine. 2013;158:573-579.] Annals of Internal Medicine. 2013;158:628-629.

Article in American Medical News, American Medical Association, "Doctors often miss nonmedical clues in patient visits," May 8, 2013 (goo.gl/Vhez9R)

Modern Physician, Accreditation Association for Ambulatory Care, "Secretly recorded doc visits highlight importance of 'context'", April 16, 2013. Secretly recorded doc visits highlight importance of 'context'(goo.gl/b9gsRe)

MedlinePlus, U.S. National Library of Medicine, Doctors' Insight Into Patients' Lives May Boost Care, Study Finds.

Chicago Tribune, Patient-centered care linked to better outcomes, April 16, 2013 (goo.gl/dDUmSf)

WCCO Radio CBS Minnesota, Saturday Night with Esme Murphy, interview about Listening for What Matters: Avoiding Contextual Errors in Health Care, "A Mistake that Can't Afford to be Made." January 16, 2016

KWMR FM (San Francisco's North and South Bay Area), AIRWAVES with R. Gallyot, Timely Topics with Influential Guests; "Improved Medical Attention": A discussion of Listening for What Matters: Avoiding Contextual Errors in Health Care, January 26, 2016

Jefferson Public Radio, "<u>The Exchange</u>", Jefferson Public Radio</u>, with Alan Schwartz: Host: Geoffrey Riley & Emily Curetone, Airs throughout Southern OR and Northern CA on NPR. A <u>discussion</u> of Listening for What Matters: Avoiding Contextual Errors in Health Care. February 3, 2016. 11-12pm CST.

Diane Rehm Show. *Improving Doctor-Patient Communication in a Digital World*, WAMU 88.5, American University Radio & NPR, Washington DC. Distributed live to 250 stations through National Public Radio with 2.6 million listeners. Tuesday February 9th, 2016, 11am-noon EST.

The Larry Rifkin Show, WATR Talk Radio Connecticut, "Talk of the Town" on Listening for What Matters: Avoiding Contextual errors in Health Care, with Alan Schwartz. February 10, 2016, 9:30am CST.

WORT Community Radio, "The 8 O'Clock Buzz", Madison WI. A discussion of Listening for What Matters: Avoiding Contextual Errors in Health Care. With Alan Schwartz. February 22, 2016. 8:00am.

KVON Radio Napa Valley, Jeff Schectman Talk Show Host, A discussion of Listening for What Matters: Avoiding Contextual Errors in Health Care. With Alan Schwartz. February 22, 2016. 10:30am

Late Night Health Radio, syndicated to talk radio stations in LA, NM, AZ, FL, CA, UT, A discussion of Listening for What Matters: Avoiding Contextual Errors in Health Care. With Alan Schwartz. February 22, 2016.

Radio Health Journal, syndicated to over 450 stations and also podcast. Polly Hansen host. A discussion of Listening for What Matters: Avoiding Contextual Errors in Health Care. With Alan Schwartz. <u>www.radiohealthjournal.net</u> and <u>www.mediatracks.com</u>. February 23, 2016.

Mental Floss. Interview with science writer Kate Horowitz on "how to communicate with your doctor." <u>http://mentalfloss.com</u> or <u>http://mentalfloss.com/about-us</u>. 20 million unique visitors to site per month. March 1, 2016.

DrAlvin.Com with host Dr. Alvin Augustus Jones on Listening for What Matters: Avoiding Contextual Errors in Health Care. Broadcast on WCBQ-AM 1340 -WHNC-AM 890, Oxford-Henderson-Raleigh, NC, weekdays 8AM-10AM EST, and archived at <u>www.dralvin.com</u>. April 18, 2016.

Tucker M. <u>'Contextual Errors' costly, but not being measured</u>. Medscape Medical News. May 8, 2016

New Books Network. Interview with Mikey McGovern. Listening for What Matters. Avoiding Contextual Errors in Health Care May 25, 2016

The 21st Show, Niala Boodhoo, Host/Executive Producer. <u>Improving Doctor-Patient</u> <u>Communication, Live</u>. June 23, 2016.

VA HSR&D Podcasts: Contextual Errors and Improving Care Encounters for Homeless Veterans: Primary Investigator Insights:

https://www.hsrd.research.va.gov/news/podcasts/SaulWeiner.mp3, December 14, 2017

VHA Office of Research & Development: <u>'Mystery shopper' model being used to boost VA</u> care. VA Research Currents. March 21, 2018.

Horizon Blue Cross Blue Shield of New Jersey: <u>Hidden in Plain Sight: Are Secret Shoppers</u> the Solution to Lower Costs and Improved Quality? May 10, 2019

<u>Actor walks into a doctor's office...</u> An Arm and a Leg: A podcast about the cost of healthcare. Also access <u>here</u>. July 24, 2019

WAMC Northeast Public Radio Productions, NPR. The Round Table. Nationally syndicated to 500 NPR station. <u>Discussion of On Becoming a Healer</u>. April 9, 2020.

WGVU Radio, NPR affiliate in Grand Rapids, MI, throughout Western Michigan

NPR affiliate. <u>Discussion of On Becoming a Healer</u>. April 20, 2020.

KYMN Radio in Northfield, MN. Discussion of On Becoming a Healer. April 21, 2020.

Jefferson Public Radio, NPR Affiliate. The Jefferson Exchange. <u>Discussion of On Becoming</u> <u>a Healer</u>. April 23, 2020.

Tulsa Public Radio, KWGS 89.5. Medical Monday with Dr. John Schuman. <u>Discussion of On</u> <u>Becoming a Healer</u>. May 11, 2020.

Strategies for Living with David McMillan. KEEL 101.7 FM. <u>On Becoming a Healer: The</u> <u>Journey from Patient Care to Caring about Patients</u>. (archived on facebook) 50 minutes. May 8, 2020.

"think." Host: Krys Boyd. A show on KERA in DallasFort Worth NPR that is widely distributed. <u>Teaching Doctors to See Patients as People</u>. 48 minutes. May 14, 2020

Conversations. Host: Dan Skinner. Kansas Public Radio (KPR). On Becoming a Healer: <u>The</u> <u>Journey from Patient Care to Caring About Your Patients</u>. 17 minutes. June 11, 2020.

New Books Network. Host Yakir Englander, <u>On Becoming a Healer: The Journey from</u> <u>Patient Care to Caring About Your Patients</u>. 51 minutes, July 8, 2020.

PA Connections Podcast. George Washington University Physician Assistant Program. Host Maura Polansky. <u>Listen to Listening for What Matters</u> from PA Connections. Inaugural episode, August 17, 2020.

PA Connections Podcast. George Washington University Physician Assistant Program. Host Maura Polansky. <u>On Becoming a Healer</u>. from PA Connections. Inaugural episode, September 28, 2020.

Coffee & Science Podcast. <u>The promise and pitfalls of adjusting care to context</u>. Interview with Kedar Mate, president and CEO of the Institute for Healthcare Improvement. August 23<sup>rd</sup>, 2021.

Creating a New Healthcare Podcast. <u>Contextualizing Care – a divergent, humanistic</u> <u>deployment of healthcare delivery</u> – with Saul J. Weiner MD, Alan Schwartz PhD, Alan Spiro MD & Yoni Shtein, CEO of Laguna Health.

## Corporate/Consulting

**Weiner S.** Faculty consultant, Institute for Healthcare Improvement, healthcare organization Strategic Partnerships program, diagnostic reviews with site visits. (2023-present)

Weiner S. Schwartz A. Co-founders and co-principals of the Institute for Practice and Provider Performance Improvement (I3PI). <u>www.i3pi.com</u>. I3PI, a public-benefit corporation (PBC) was founded to apply methods of directly observing care, including the deployment of unannounced standardized patients and analysis of audio recordings of encounters to identify and address gaps in quality of care that are not captured in the medical record. I3PI has worked extensively with the American College of Physicians (ACP) and Horizon Blue Cross Blue Shield New Jersey, and received financial support from the Robert Wood Johnson Foundation. This external activity is disclosed and a conflict of interest management is approved and monitored through the UIC Office of the Vice Chancellor for Research.

Weiner S. Member, Medical Advisory Board, Accolade Inc. (2013-present) <u>https://www.accolade.com/leadership#medical-advisory-board</u>. Accolade is a personalized health and benefits solution for healthcare for employers, health plans and their members combining advisors, clinical experts and intelligent technologies that was founded in 2007 and became a publically traded company in 2020.

**Weiner S.** Head of Care Contextualization, <u>Laguna Health</u> (2022-present). Laguna is a young company, founded in 2020, with a mission to reduce hospital re-admission following discharge, utilizing data, digital tools and behavioral health interventions.

**Weiner S**. Expert consultant to Institute for Healthcare Improvement (IHI). Conducted multi-day diagnostic visit with IHI team to St. Jude Hospital to assess and provide recommendation on strategies for quality improvement and quality control, Memphis TN, November 12-16, 2023.