

**ELMER VICTOR BERNSTAM, MD, MSE, MS, FACP, FACMI,  
FAMIA**

(Updated March 12, 2026)

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**CONTACT  
INFORMATION**

School of Biomedical Informatics  
University of Texas Health Sciences Center at Houston  
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**LICENSES**

Licensed to practice medicine in the state of **Texas**

**BOARD STATUS**

**Board Certified**, American Board of Internal Medicine 1998, 2009,  
2019

**Board Certified**, Clinical Informatics (Am Board Prev Med) 2015

**EDUCATION**

**National Library of Medicine Fellow** Sep 1999-Oct 2001  
Medical Information Sciences  
Department of Internal Medicine  
Stanford University Medical Center

Research: Clinical practice guidelines (InterMed project)  
Cost-benefit analysis in health care  
Information retrieval

**Master of Science Degree 2001**

**Master of Science in Engineering (M.S.E.)** Aug 1999  
Computer Science and Engineering,  
University of Michigan College of Engineering

**Medical Doctorate (M.D.)** Jun 1995  
Integrated Medical-Premedical (**INTEFLEX**) program  
University of Michigan Medical School

**Dual Degree Program (B.S.E. and B.S.)** Jun 1992  
Bachelor of Science in Engineering (**B.S.E. Magna Cum Laude**)  
Computer Engineering  
University of Michigan College of Engineering

*and*

Bachelor of Science (**B.S. with Distinction**) Jun 1992  
Dual majors in Biomedical Sciences and Psychology  
University of Michigan College of Literature, Science and the Arts

**LANGUAGES**

Fluent in spoken and written Russian

**PROFESSIONAL  
AFFILIATIONS**

American College of Physicians (ACP)  
American Medical Informatics Association (AMIA)  
Association for Computing Machinery (ACM)  
American College of Medical Informatics (ACMI)

**HONORS AND AWARDS**

Elected Fellow, AMIA	2021
Alpha Omega Alpha	2019
Reynolds and Reynolds Professorship in Clinical Informatics	Sep 2015
Elected Fellow, American College of Medical Informatics (ACMI)	2010
Elected Chair of the Inter-Faculty Council at UT-Houston	2009-2010
John P. McGovern Teaching Award	May 2005
Elected Chair of the SHIS Faculty Governance Organization	2002-2005
Elected Fellow, American College of Physicians (ACP)	Oct 2004
NASA Summer Faculty Fellow	Apr 2002
Eta Kappa Neu (Electrical and Computer Engineering Honor Society)	1988

**HONORS AND AWARDS TO STUDENTS****(Total = 20 honors/awards)**

- Herskovic Jorge R. – Keck fellowship 2005, 2006, SHIS Competitive Academic Scholarship 2003, Google summer fellowship 2006
- Edmonson, Sarah E. – First place (Informatics), UTH Research Day 2004
- Walji, Muhammad -- Third place UT Research Day 2003 and 2005, bronze medal Medinfo 2004, HIMSS national scholarship 2005
- Sagaram, Smitha – First place UT Research Day 2003, Dean’s scholarship 2003, HIMSS regional scholarship 2003, HIMSS national scholarship 2003
- Smith, Kim – Texas Veterinary Medical Foundation Grant (\$5,450) 2005, Second place UTH (informatics) Research Day 2005
- Bailey, Ebony – Minority Faculty Association Scholarship 2004
- Tanaka, Len Y. – NLM post-doctoral fellowship 2007
- Goodwin, J. Caleb – NLM pre-doctoral fellowship 2011, 2012
- Joffe, Erel – CPRIT Computational Cancer Biology Competitive Fellowship 2012, 2013
- Jose “Franck” Diaz Vasquez – Innovation in Cancer Prevention Research Program 2014, 2015
- Zhiguo “Stanley” Yu – Innovation in Cancer Prevention Research Program 2014, 2015
- Victor S. Prieto, Jr – CPRIT Summer Innovation in Cancer Prevention Research Program 2015
- Adetomiwa (Tom) Oguntuga – Paul C. Boyle Research Award 2016

**EMPLOYMENT**

<b>Associate Dean for Research</b> School of Biomedical Informatics University of Texas Health Science Center at Houston, TX	Mar 2013 – present
<b>Professor (with tenure)</b> School of Biomedical Informatics Department of Internal Medicine Graduate School of Biomedical Sciences University of Texas Health Science Center at Houston, TX	Sep 2010 - present  Apr 2013- present
<b>Director, Biomedical Informatics Component</b> Center for Clinical and Translational Science (CCTS) University of Texas Health Science Center at Houston, TX	Sep 2008 - present
<b>Medical Director</b> <b>Co-Medical Director</b> <b>Clinical Research Units</b> Center for Clinical and Translational Sciences University of Texas Health Science Center at Houston, TX	Oct 2024 – present Oct 2021 - Oct 2024

<p><b>Adjunct Professor</b>  Division of Epidemiology &amp; Population Sciences  Department of Internal Medicine  Baylor College of Medicine, Houston, TX</p>	<p>Oct 2019 – present</p>
<p><b>Adjunct Professor</b>  Division of Biomedical Informatics  Department of Clinical Sciences  UT Southwestern Medical Center, Dallas, TX</p>	<p>Feb 2013 – May 2014</p>
<p><b>Associate Professor (with tenure)</b>  School of Health Information Sciences  Department of Internal Medicine  University of Texas Health Science Center at Houston, TX</p>	<p>Sep 2006 - Aug 2010</p>
<p><b>Co-Director, Biomedical Informatics Component</b>  Center for Clinical and Translational Research (CCTS)  University of Texas Health Science Center at Houston, TX</p>	<p>Sep 2006 – Sep 2008</p>
<p><b>Head of Clinical Informatics Focus</b>  School of Health Information Sciences  University of Texas Health Science Center at Houston, TX</p>	<p>Jan 2002 - present</p>
<p><b>Faculty</b>  W. M. Keck Center for Computational Biology  Quantitative &amp; Computational Biosciences Graduate Program  (Formerly Graduate Program in Structural &amp; Computational Biology &amp;  Molecular Biophysics) (Baylor College of Medicine)  Houston, TX</p>	<p>Jan 2002 - present   Aug 2009 – present</p>
<p><b>Attending Physician</b>  Harris Health (Lyndon B. Johnson Hospital)  Memorial Hermann Health System</p>	<p>Jan 2002 - present</p>
<p><b>Assistant Professor</b>  School of Health Information Sciences  Department of Internal Medicine  University of Texas Health Science Center at Houston, TX</p>	<p>Oct 2001 - Sep 2006</p>
<p><b>Clinical Instructor</b>  Department of Internal Medicine  Stanford University Medical Center  Stanford, California</p>	<p>Nov 1999 - Oct 2001</p>
<p><b>Attending Physician</b>  Packard Community Clinic  Ann Arbor, Michigan</p>	<p>Dec 1998 - Sep 1999</p>
<p><b>House Officer</b>  Department of Internal Medicine  St. Joseph Mercy Hospital  Ann Arbor, Michigan</p>	<p>Jun 1995 - Jun 1998</p>
<p><b>Clinic President, Academic Internal Medicine Clinic</b></p>	<p>Jun 1997 - Jun 1998</p>

**Programmer/Research Assistant**

Jul 1989 - Sep 1995

Responsibilities: Wrote and maintained original GUIs for research projects  
University of Michigan School of Public Health  
Ann Arbor, Michigan

**Medical Technician**

Summer 1988

Clinical Pathology Laboratories  
Catherine McAuley Health Systems  
Ann Arbor, Michigan

**Computer Technician**

Summer 1987

Responsibilities: Installed and maintained laboratory computer systems  
Clinical Pathology Laboratories  
Catherine McAuley Health Systems  
Ann Arbor, Michigan

## SCIENTIFIC SERVICE

### External Advisory Boards

1. University of Colorado (Clinical and Translational Science Award) (2025)
2. Harvard Catalyst (Clinical and Translational Science Award) (2025)
3. I2b2 TransMart Board of Directors (2024 – present)
4. The University of Texas Medical Branch at Galveston CTSA External Advisory Board (2023)
5. University of Kentucky (CTSA), Kentucky Center for Clinical and Translational Science Biomedical Informatics Component (2010-2014)
6. University of New Mexico Clinical and Translational Science Center (CTSA planning grant, 2007)
7. Informatics for Integrating Biology and the Bedside (i2b2, 2010-2014)
8. NASA Information Systems Architecture Branch (SF5), Human Health and Performance Directorate, NASA Johnson Space Center (September 17, 2014)
9. Puerto Rico Clinical and Translational Research Consortium (2014-2020)
10. PIC-SURE BD2K Center at Harvard Medical School (2015-2017)

### Journal Editorial Boards

Journal of Biomedical Informatics (2012-2016)  
Co-editor JAMIA Special Issues on Precision Medicine Informatics (2015)

### Scientific Program Committees

Clinical and Translational Science Award (CTSA) Annual Meeting (2025)  
American Medical Informatics Association Annual Policy Invitational Meeting (2017)  
American Medical Informatics Association Annual Policy Invitational Meeting (2016)  
American Medical Informatics Association Annual Policy Invitational Meeting (2013)

American Medical Informatics Association Fall Symposium 2002, 2009, 2010, 2018, 2019 (Chair)  
AMIA Fall Symposium Student Paper Competition Reviewer 2009-14

American Medical Informatics Association Clinical Research Informatics Summit 2010, 2011  
Clinical Research Informatics Summit Awards Committee (2010)  
Chair, Scientific Program Committee (2013)

National Health Information Technology Summit – a Washington-Texas Dialogue, Houston, TX April 15-6, 2008 (Co-Chair, Scientific Program Committee)

The 8th Annual Biotechnology and Bioinformatics Symposium (BIOT 2011)  
Data Integration in the Life Sciences (DILS 2012)  
IEEE International Conference on Healthcare Informatics, Imaging and Systems Biology, Healthcare Informatics Track (IEEE HISB 2012)

Medinfo 2013 Awards Committee  
Medinfo 2019 Scientific Program Committee

### Ad hoc reviewer:

ACM Transactions on Computer Human Interaction (TOCHI)  
ACM Transactions on Information Systems (TOIS)  
AI and Ethics  
American Journal of Managed Care  
American Journal of Medicine  
American Medical Informatics Association Fall Symposium (1996-present)  
American Medical Informatics Association Clinical Research informatics Summit (2009-present)  
Annals of Internal Medicine  
Applied Clinical Informatics  
Artificial Intelligence in Medicine

BMJ Digital Health and AI  
BMJ Evidence Based Medicine  
BMC Medical Informatics and Decision Making  
BMC Palliative Care  
British Medical Journal (BMJ)  
BMJ Evidence Based Medicine  
Cancer  
Cancer Control  
Clinical and Translational Medicine  
Clinical and Translational Science  
Communications of the ACM (CACM)  
Computer Methods and Programs in Biomedicine  
Gastroenterology  
Heliyon (Cell Press)  
Information Retrieval  
International Journal of Medical Informatics  
International Journal of Radiation Oncology, Biology, Physics  
IMIA Yearbook of Medical Informatics 2016  
Journal of Biomedical Informatics  
JCO Clinical Cancer Informatics  
Journal of Health Psychology  
Journal of Investigative Medicine  
Journal of Medical Internet Research (JMIR)  
Journal of Medical Internet Research (JMIR) Medical Education  
Journal of the American Medical Informatics Association (JAMIA)  
Journal of Biomedical Discovery and Collaboration  
Journal of Health Psychology  
Medical Decision Making  
Medical Principles and Practice  
Medical Informatics Europe (2002)  
MedInfo (2001, 2004, 2007)  
Methods of Information in Medicine  
Nature Cancer  
Nature Communications  
New England Journal of Medicine  
Npj Digital Medicine  
PLOS One  
Scientific Reports  
Social Science and Medicine  
Teaching and Learning in Medicine

Reviewer:

Center for Clinical and Translational Science T32 Review (2024, 2025)  
Gulf Coast Consortia (GCC) Dunn Foundation Collaborative Research Award (2025)  
Consortium for Translational and Precision Health, Baylor College of Medicine and  
University of Houston Pilot Grant Program (2024)  
Pennsylvania Department of Health (2002) Bioinformatics Panel  
Infectious Disease (Panelist), Cancer (Chair)  
Department of Homeland Security Fellowship/Scholarship panel (2003), (2004, Chair),  
(2005, Chair), (2006, Chair), (2007, Chair)  
A Moment of Science Review Panel (radio series, 2003-2006)

National Institutes of Health (NIH) Panels

ZRG1 BST-Q (01) Software maintenance and extension (R01) (2/2008)  
ZRR1 CR-1 (01) Clinical and translational science awards (U54) (2/2008)  
ZRR1 RI-8 (01) RCMi Infrastructure for Clinical and Translational Research  
(U54) (3/2009)

ZRG1 BST-Q (01) Software maintenance and extension (6/2009)  
ZRG1 HDM-G (58) R Challenge grant editorial panel 3 (6/2009)  
ZRG1 HDM-P (58) R Challenge grant editorial panel 26 (6/2009)  
ZRG1 BST-N (02) M Bio-data management and analysis panel (2/2010)  
ZRG1 HDM-D (58) R ARRA RC4 Sustainable Community-linked  
Infrastructure Panel 1 (3/2010)

ZRG1 HDM-D (58) R ARRA RC4 NIH Director's Opportunity for Research  
in Five Thematic Areas Panel 1 (4/2010)

ZEB1 OSR-B (O1) P P01 review panel (6/2011)

ZRG1 BST-H (40) P P41 review panel (11/2011)

BDMA Bio-data management and analysis panel (2/2012)

ZRG1 BST-H (40) P P41 review panel (7/2012)

ZCA1 SRLB-V (J1) B R01/U01/U24 review panel (10/2013)

BDMA Bio-data management and analysis panel (2/2014)

2015/01 ZRG1 BST-H (40) P P41 review panel (11/2014)

NLM Biomedical Library and Informatics Review Committee (BLIRC),  
Biomedical Informatics, Library and Data Science Review Committee  
(BILDS)

Regular panel member (7/1/2015-6/30/2019); Chair 2018-2019

NCATS ZTR1 CI-9 (01) CTSA Innovation X02 Pre-Application Special  
Emphasis Panel (SEP) (9/2015)

NCI ZCA1 TCRB-D (C1) SBIR Contract Review (2/19-2/20/2020); Co-Chair  
NCI ZCA1 RTRB-R (M3) ITCR Special Emphasis Panel (3/30-3/31/2021);  
Co-Chair

NCATS 2017/05 ZTR1 CI-8 (01) 1 CTSA

NCI 2018/03 TEP-2 ZCA1 TCRB-D (C1) Committee

National Science Foundation (NSF) Panels

III-Medium-Information Retrieval panel (2/2008)

Florida Centers of Excellence Program (2008)

Department of Defense

2015 Defense Medical Research and Development Program (JPC-1)

2016 Defense Medical Research and Development Program  
(Health Informatics/Information Technology)

2020 Peer Reviewed Alzheimer's Research Program (PRARP)

#### Session Chair

1. American Medical Informatics Association Fall Symposium 2002 (San Antonio, TX)
2. Medinfo 2007 (Brisbane, Australia)
3. Panel moderator, Translational Bioinformatics, HealthGrid2008 (Chicago, IL)
4. American Medical Informatics Association Fall Symposium 2008 (Washington, DC)
5. American Medical Informatics Association Spring Congress 2009 (Orlando, FL)
6. American Medical Informatics Association Fall Symposium 2009 (San Francisco, CA)
7. American Medical Informatics Association Clinical Research Informatics Summit 2010, 2011 (San Francisco, CA)
8. Data Integration in the Life Sciences 2012 (Baltimore, MD)
9. American Medical Informatics Association Fall Symposium 2012 (Chicago, IL)
10. AMIA Clinical Research Informatics Summit 2013 (San Francisco, CA)
11. AMIA Clinical Research Informatics Summit 2014 (San Francisco, CA)
12. American Medical Informatics Association Fall Symposium 2018 (San Francisco, CA)
13. Medinfo 2019 (Lyon, France)

**CURRENT RESEARCH  
FUNDING**

1. Texas Spatial-Temporal Data Science, Informatics and Modeling Core (TX-SIM)  
PI: Cici Bauer (Bernstam: Co-I)  
Amount: \$2,977,115  
Dates: 5/21/2025-5/20/2030  
Funding Agency: Cancer Prevention & Research Institute of Texas (CPRIT)  
RP250630
  
2. Project Overwatch: Identifying patients with undiagnosed amyloidosis in primary care (Phase 2)  
PI: Elmer V. Bernstam  
Amount: \$195,000  
Dates: 5/1/25 – 4/30/26 (15% effort)  
Funding agency: Alnylam Pharmaceuticals
  
3. Consortium for Translational and Precision Health (CTPH)  
PI: Fasiha Kanwal, Bettina Beech (Bernstam: Subcontract PI)  
Amount: \$5.7M  
Dates: 9/1/24 – 8/31/31 (10% effort)  
Funding agency: NIH/NCATS (1 UM1 TR0004539)
  
4. Center for Clinical and Translational Sciences (CCTS)  
PI: David D. McPherson (Bernstam: Director Informatics, Medical Director, Clinical Research Units)  
Amount: \$55M (Biomedical Informatics \$7M Direct Costs)  
Dates: 7/1/24 – 6/30/31 (20% effort)  
Funding agency: NIH/NCATS (1 UM1 TR0004906)
  
5. The National Patient-Centered Clinical Research Network - Phase 4 (Greater Plains Collaborative)  
PI: James McClay (Bernstam: Site PI)  
Amount: \$13.5M (Total Budget)  
Dates: 01/1/2025 – 12/31/2028 (20% effort)  
Funding Agency: Patient Centered Outcomes Research Institute (PCORI)

**CURRENT CLINICAL  
TRIALS and STUDIES**

1. PRagmatic Evaluation of evENTs And Benefits of Lipl-lowering in oldEr adults  
(PREVENTABLE)  
PI: Jessica Lee (Bernstam Co-PI)  
Dates: 4/30/2021-  
Funding agency: NIH/NIA (Primary site: Duke University)

**COMPLETED CLINICAL TRIALS and STUDIES**

1. Randomized, double-blind, Evaluation in secondary Stroke Prevention comparing the Efficacy and safety of the oral Thrombin inhibitor dabigatran etexilate (110 mg or 150 mg, oral b.i.d) versus acetylsalicylic acid (100 mg oral q.d.) in patients with Embolic Stroke of Undetermined Source (RESPECT ESUS)  
PI: Elmer V. Bernstam (site PI)  
Dates: 12/14/15 – 12/13/20  
Funding agency: Boehringer-Ingelheim
  
2. RE-COVERY DVT/PE: Global Study on Treatment Secondary Prevention of Acute Venous Thromboembolism  
PI: Elmer V. Bernstam (site PI)  
Dates: 12/14/15 – 12/13/20  
Funding agency: Boehringer-Ingelheim (Parexel)

**COMPLETED  
RESEARCH FUNDING**

1. Developing Scalable Algorithms To Incorporate Unstructured Electronic Health Records For Causal Inference Based On Real-World Data  
PI: Joshua Lin (Bernstam: Subcontract PI)  
Amount: \$212,918  
Dates: 7/1/22 – 6/30/25 (8% effort)  
Funding agency: NIH/NLM (1 R01 LM013204-01A1)
2. RADx-Rad Discoveries & Data: Consortium Coordination Center Program Organization  
PI: Hua Xu, Lucilla Ohno-Machado (Bernstam: Co-I)  
Amount: \$4M  
Dates: 12/1/20 – 11/30/24 (10% effort)  
Funding agency: NIH/NLM (1 U24 LM013755-01)
3. The National Patient-Centered Clinical Research Network - Phase 3 (Greater Plains Collaborative)  
PI: Lemuel (Russ) Waitman (Bernstam: Site PI)  
Amount: \$188,997  
Dates: 01/1/2022 – 12/31/2024 (20% effort)  
Funding Agency: Patient Centered Outcomes Research Institute (PCORI)
4. Identifying hATTR cases in large clinical data sets (Phase 1)  
PI: Elmer V. Bernstam  
Amount: \$48,000  
Dates: 8/1/23 – 7/31/24 (10% effort)  
Funding agency: Alnylam Pharmaceuticals
5. Center for Clinical and Translational Sciences (CCTS)  
PI: David D. McPherson (Bernstam: Director Informatics)  
Amount: \$37.3M (Biomedical Informatics \$2M Direct Costs)  
Dates: 7/1/19 – 6/30/24 (20% effort)  
Funding agency: NIH/NCATS (1 UL1 TR0003167)
6. NLP for Medication Adherence: Complex Semantics and Negation  
PI: Kirk Roberts (Bernstam, Co-I)  
Amount: \$237,488  
Dates: 3/1/2019-3/31/2023 (5% effort)  
Funding Agency: PCORI (ME-2018C1-10963)
7. Survey of Veterinary Electronic Medical Records  
PI: Elmer V. Bernstam / Kimberly Smith  
Amount: \$2,300  
Dates: (0% effort)  
Funding agency: Texas Veterinary Medical Foundation

8. Development of a Model to Predict Preventable Inpatient Readmissions  
 PI: Elmer V. Bernstam, Trudy Krause, Kevin Hwang  
 Amount: \$1M  
 Dates: 6/1/19-5/31/23 (10% Effort)  
 Funding Agency: Cullen Trust for Health Care
  
9. UT-Homeless Outpatient Mental Health Expansion Services  
 PI: Jane Hamilton (Bernstam, Co-I)  
 Amount: \$500,000  
 Dates: 9/30/2018-3/31/2023 (5% effort)  
 Funding Agency: SAMHSA (H79SM080721)
  
10. Harnessing the power of CTSA-CDRN data networks: using social determinants of health, frailty and functional status to identify at-risk patients and improve risk adjustment  
 PI: Paula K. Shireman (UTHSC-San Antonio; Kirk Roberts, UTHSCH-H PI; Bernstam, Co-I)  
 Amount: \$702,080  
 Dates: 9/1/18-8/31/2022  
 Funding Agency: National Center for Advancing Translational Science (NCATS) (via subcontract from the University of Texas Health Science Center at San Antonio, 1 U01 TR002393)
  
11. Data Science and Informatics Core for Cancer Research  
 PI: Wenjin Zheng (Bernstam, Co-I)  
 Amount: \$6M  
 Dates: 9/1/17-8/31/22 (10% Effort)  
 Funding Agency: Cancer Prevention Research Institute of Texas (CPRIT) (RP170668)
  
12. Biomedical Terminology Quality Assurance for Enhancing Clinical Queries over Electronic Health Records  
 PI: Licong Cui (Bernstam, Co-I)  
 Amount: \$1M  
 Dates: 8/1/2020 – 7/31/2022 (10% effort)  
 Funding agency: NIH/NLM (1 R01 LM013335)
  
13. Rapid Response Data for Discoveries: COVID-19 Clinical data Collection to Promote Better Outcomes  
 PI: Lucila Ohno-Machado (Bernstam, Co-I)  
 Dates: 05/01/2020 – 10/31/2020  
 Funding Agency: Gordon and Betty Moore Foundation (9639)
  
14. Precision Oncology Decision Support Core  
 PI: Funda Meric-Bernstam (UT MDACC); Bernstam, UTH subcontract PI  
 Amount: \$6M (UTH subcontract: \$410,334)  
 Dates: 6/1/15-5/31/20 (10% effort)  
 Funding agency: Cancer Prevention Research Institute of Texas (CPRIT) (RP150535)
  
15. Chronic Disease Registry  
 PI: Kevin Hwang (Bernstam, Co-I)  
 Amount: \$1M  
 Dates: 11/01/13-8/31/19 (5% effort)  
 Funding agency: UTH/DSRIP

16. Scalable Collaborative Infrastructure for a Learning Healthcare System Phase II  
 PI: Ken Mandl (Harvard); Bernstam, UTH subcontract PI  
 Amount: \$158,054 (UTH subcontract)  
 Dates: 10/13/16 – 10/12/19 (5% effort)  
 Funding agency: PCORI/Harvard (CDRN-1306-04608)
  
17. Patient Medical History Representation, Extraction, and Inference from EHR Data  
 PI: Cui Tao (Bernstam, Co-I)  
 Amount: \$1.2M  
 Dates: 9/1/14 – 8/31/19 (3% effort)  
 Funding agency: NIH/NLM (R01 LM011829)
  
18. Accrual to Clinical Trials (ACT) Network  
 PI: Elmer V. Bernstam (site PI)  
 Amount: \$115,000  
 Dates: 6/1/18-5/31/19 (10% Effort)  
 Funding Agency: National Center for Advancing Translational Science (NCATS), NIH (via subcontract from the University of Pittsburgh Clinical and Translational Science Institute, 3 UL1 TR001857)
  
19. Interactive machine learning methods for clinical natural language processing  
 PI: Hua Xu (Bernstam, Co-I)  
 Amount: \$1.2M  
 Dates: 9/1/14 – 8/31/18 (5% effort)  
 Funding agency: NIH/NLM (R01 LM01068)
  
20. UT-Southwestern Clinical and Translational Alliance for Research (UT-STAR)  
 (Subcontract from UT Southwestern)  
 PI: Robert Toto (UT Southwestern);  
 Bernstam, UTH subcontract PI  
 Amount: \$309,217 (Grant budget: \$22.5M)  
 Dates: 12/1/13 – 4/30/18 (15% effort)  
 Funding agency: NIH/NCATS (Prime Award UL1 TR001105)
  
21. Center for Clinical and Translational Sciences (CCTS)  
 PI: David D. McPherson (Bernstam: Director Informatics)  
 Amount: \$20M (Biomedical Informatics \$1.2M)  
 Dates: 7/1/12 – 6/30/18 (20% effort)  
 Funding agency: NIH/NCATS (UL1 TR000371)
  
22. Scalable Collaborative Infrastructure for a Learning Healthcare System Phase I  
 PI: Ken Mandl (Harvard); Bernstam, UTH subcontract PI  
 Amount: \$151,233 (UTH subcontract)  
 Dates: 10/1/13 – 9/30/16 (5% effort)  
 Funding agency: PCORI/Harvard (CDRN-1306-04608)
  
23. Informatics for Routine Personalized Cancer Therapy  
 PI: Elmer V. Bernstam (administrative PI) and Funda Meric-Bernstam (MDACC) – Joint PI  
 Amount: \$979,120  
 Dates: 9/1/13 – 8/31/16 (15% effort)  
 Funding agency: NIH/NCI (U01 CA180964)
  
24. Using Biomedical Knowledge to Identify Plausible Signals for Pharmacovigilance  
 PI: Trevor Cohen (Bernstam, Co-I)  
 Amount: \$929,811  
 Dates: 9/1/13 – 8/31/16 (5% effort)  
 Funding agency: NIH/NLM (R01 LM011563)

25. Rediscovering drug side effects: the impact of analytical assumptions on the detection of associations in EHR data  
 PI: Elmer V. Bernstam  
 Amount: \$36,000  
 Dates: 6/1/14-5/31/2016  
 Funding agency: Innovation in Cancer Prevention Research Training Program  
 Stipend recipient: Jose Franck Diaz Vasquez
26. Correspondence of Topic Models and MeSH Terms for PubMed Abstracts  
 PI: Elmer V. Bernstam  
 Amount: \$36,000  
 Dates: 6/1/14-5/31/2016  
 Funding agency: Innovation in Cancer Prevention Research Training Program  
 Stipend recipient: Zhiguo (Stanley) Yu
27. Planning for the University of Texas Clinical Data Network (UT-CDN)  
 PI: Elmer V. Bernstam  
 Amount: \$75,000  
 Dates: 12/1/15-5/30/16  
 Funding agency: The University of Texas System
28. III: Medium: Collaborative Research: Data Mining and Cleaning for Medical Data Warehouse  
 PI: Chris Jermaine (Rice) and Elmer V. Bernstam  
 Amount: \$1.2M  
 Dates: 9/1/10 – 8/31/15 (17% effort)  
 Funding agency: NSF/Information Integration and Informatics (Award #: 0964613)
29. National Center for Cognitive Informatics and Decision Making in Healthcare  
 PI: Jiajie Zhang (Bernstam, Co-I)  
 Amount: \$15M  
 Dates: 4/1/10 – 3/31/14 (9% effort)  
 Funding agency: ONC (Strategic Health IT Advanced Research (SHARP) Projects Program: Patient Centered Cognitive Support, #10510592)
30. Innovation Platform for Substitutable Apps with Access to Networked Healthcare Data. (Subcontract from Harvard University)  
 PI: Isaac Kohane (Harvard); Bernstam, UTH subcontract PI  
 Amount: \$307,772 (Grant budget: \$15M)  
 Dates: 4/1/10 – 8/31/13 (5% effort)  
 Funding agency: ONC (Strategic Health IT Advanced Research (SHARP) Projects Program: Healthcare Application and Network Platform Architectures, #10510924)
31. High-throughput phenotyping combining machine learning and collaborative knowledge acquisition  
 PI: Elmer V. Bernstam  
 Amount: \$51,142  
 Dates: 3/1/12-2/28/2013  
 Funding agency: Computational Cancer Biology Training Program  
 Stipend recipient: Erel Joffe, MD, MSc

32. UT-Southwestern Clinical and Translational Alliance for Research (UT-STAR)  
(Subcontract from UT Southwestern)  
PI: Robert Toto (UT Southwestern);  
Bernstam, UTH subcontract PI  
Amount: \$204,961 (Grant budget: \$6.3M)  
Dates: 6/1/12 – 6/30/13 (20% effort)  
Funding agency: NIH/NCATS (Prime Award UL1 TR000451)
33. An *in silico* method for epidemiological studies using electronic medical records  
PI: Hua Xu (Bernstam, Co-I)  
Amount: \$762,738  
Dates: 09/03/2009 - 07/31/2013 (5% effort)  
Funding agency: NIH/NCI (R01CA141307)
34. Training Excellence in Aging Studies (TEXAS)  
PI: Carmel B Dyer (Bernstam: Director Informatics)  
Amount: \$3.25M  
Dates: 1/1/09 – 12/31/12 (5% effort)  
Funding agency: Reynolds Foundation
35. Encoding Semantic Knowledge in Vector Space for Biomedical Information  
PI: Trevor Cohen (Bernstam, Co-I)  
Amount: \$221,500  
Dates: 9/30/10 – 9/29/12 (5% effort)  
Funding agency: NIH/NLM (1 R21 LM010826)
36. Concept-Level Methods for Comparative Effectiveness Research  
PI: Elmer V. Bernstam  
Amount: \$951,776  
Dates: 9/24/09 – 8/31/12 (30% effort)  
Funding agency: NIH/NCRR (1 RC1 RR 028254)
37. Development of an Inter-University Oral Health Research Database  
PI: Muhammad F. Walji (Bernstam: Co-I)  
Amount: \$448,506.00  
Dates: 7/1/2009-8/31/2012 (5% effort)  
Funding agency: NIH/NLM (1 G08 LM 010075)
38. Center for Clinical and Translational Sciences (CCTS)  
PI: David D. McPherson (Bernstam: Director Informatics)  
Amount: \$36M (Biomedical Informatics \$3M)  
Dates: 9/30/06 – 6/30/12 (31% effort)  
Funding agency: NIH/NCATS (UL1 TR000371)
39. SHRINE National Demonstration (Subcontract from Harvard University CTSA)  
PI: Elmer V. Bernstam (Grant PI: Lee Nadler)  
Amount: \$20,000  
Dates: 9/1/11 – 4/31/12 (5% effort)  
Funding agency: NIH/NCRR (3 UL1 RR025758-04SW81XWH-11-  
1-0023/149734.386542.0484)  
Projects Program: Pilot implementation of the SHRINE federated data i2b2  
infrastructure.
40. A Medical Home Pilot Evaluation: A Model for Comparative Effectiveness Research  
PI: Kim Dunn (Bernstam, Co-I)  
Amount: \$862,400  
Dates: 9/24/09 – 8/31/11 (3% effort)  
Funding agency: NIH/NCRR (1 RC1 RR 028329)

41. Privacy in Large Biomedical Databases (National Library of Medicine Fellowship)  
 PI: Elmer V. Bernstam  
 Amount: \$51,036  
 Dates: 10/1/09-9/31/2010  
 Funding agency: Gulf Coast Consortium for Computational and Structural Biology  
 Stipend recipient: J. Mark Ettinger, PhD
42. Preventing inpatient medical errors by improving nurse-doctor communication via telephone  
 PI: Elmer V. Bernstam  
 Amount: \$100,000  
 Dates: 7/1/2009-6/30/2010 (15% effort)  
 Funding agency: The University of Texas System
43. The University of Pittsburgh Clinical and Translational Science Institute Administrative Supplement: National Biomedical Informatics Resource Inventory  
 PI: Elmer V. Bernstam  
 (Overall Administrative Supplement PI: Michael J. Becich)  
 Amount: \$16,640  
 Dates: 9/15/08-6/30/09  
 Funding agency: NIH/ NCRR (3UL 1RR024153-03S1)
44. Knowledge-guided mining of a clinical data warehouse for lipotoxicity research  
 PI: Elmer V. Bernstam  
 (CCTS Program Planning Grant PI: Perry Bickel; 0% effort)  
 Amount: \$20,000  
 Dates: 2008-2009  
 Funding agency: CCTS (NCRR)
45. Usability Evaluation of CHCS/AHLTA and Cerner CPOEs.  
 PI: Jiajie Zhang (Bernstam, Co-I)  
 Amount: \$157, 940  
 Dates: 3/1/08 – 2/28/09 (5% effort)  
 Funding agency: DOD/Mission Hospitals
46. Center for Research Translation in Scleroderma (CORT)  
 PI: Frank C. Arnett (Bernstam, Co-I)  
 Amount: \$7.5M  
 Dates: 9/1/07 – 8/31/08 (5% effort)  
 Funding agency: NIAMS/NIH
47. Using citation data to improve retrieval from MEDLINE  
 PI: Elmer V. Bernstam  
 Amount: \$486,000  
 Dates: 7/1/04 – 6/30/08 (50% effort)  
 Funding agency: NIH/NLM (1 K22 LM 008306)
48. Predicting citation behavior (National Library of Medicine Fellowship)  
 PI: Elmer V. Bernstam  
 Amount: \$51,615  
 Dates: 6/15/2006-6/15/2007  
 Funding agency: Gulf Coast Consortium for Computational and Structural Biology  
 Stipend recipient: Len Y. Tanaka, MD

49. Evaluation of ranking algorithms for information retrieval (Keck Center Fellowship)  
 PI: Elmer V. Bernstam  
 Amount: \$25,000  
 Dates: 1/1/05 – 12/31/06  
 Funding agency: Gulf Coast Consortium for Computational and Structural Biology  
 Stipend recipient: Jorge R. Herskovic, MD
50. Medical letter content for decision support at the point of care.  
 PI: Elmer V. Bernstam  
 Amount: \$67,700  
 Dates: 6/1/04 – 5/31/06  
 Funding agency: The Medical Letter
51. Validation of quality criteria for health information on the World Wide Web  
 PI: Elmer V. Bernstam  
 Amount: \$98,637  
 Dates: 9/1/03 – 8/30/04  
 Funding agency: Robert Wood Johnson Foundation, Health-e-Technologies Initiative
52. Disaster Relief and Emergency Medical Services (DREAMS™)  
 PI: James H. Duke  
 Amount: 20% effort  
 Dates: 12/1/01 – 12/31/03  
 Funding agency: US Congress direct appropriation
53. NASA Johnson Space Center/Wyle Life Sciences  
 PI: Elmer V. Bernstam  
 Amount: 40% effort  
 Dates: 6/1/03 – 9/30/03  
 Funding agency: NASA
54. NASA Johnson Space Center Summer Faculty Fellowship Program  
 PI: Elmer V. Bernstam  
 Amount: \$12,000  
 Dates: 4/1/02 – 9/30/02  
 Funding agency: NASA

**TRAINING  
LEADERSHIP**

Trainee Review Committee Training in Precision Environmental Health Sciences (TPEHS) National Institute of Environmental Health Sciences (NIH/NIEHS) Gulf Coast Consortia Houston, TX	Sep 2023 – present
Founding Program Director Clinical Informatics Fellowship The University of Texas Health Science Center at Houston Memorial Hermann Hospital System The UT MD Anderson Cancer Center Houston, TX	Sep 2022 – present
Founding Director Biomedical Informatics Scholarly Concentration McGovern Medical School The University of Texas Health Science Center at Houston Houston, TX	May 2022 - present
UTHealth Training Director Program Co-Director (Director: Lydia Kavraki, Rice University) National Library of Medicine (NLM) Training Program NLM/NIH Gulf Coast Consortia Houston, TX	Sep 2012 - present
Executive Committee Member Innovation for Cancer Prevention Research Training Program Cancer Prevention and Research Institute of Texas (CPRIT) School of Public Health The University of Texas Health Science Center at Houston Houston, TX	Sep 2012 - present
Executive Committee Member Quantitative and Computational Biosciences Graduate Program (formerly Structural and Computational Biology and Molecular Biophysics Training Program) Baylor College of Medicine Houston, TX	Feb 2011 - present
UTHealth Training Director Computational Cancer Biology Training Program Cancer Prevention and Research Institute of Texas (CPRIT) Gulf Coast Consortia Houston, TX	Jun 2010 – June 2022

## TRAINEES

### Current Post-Doc:

### Current PhD:

1. Christina van Hal (committee member, NLM secondary mentor)
2. Yumeng (Summer) Yang (committee member)

### Current MS (Research):

### Graduated Post-Doc ( $\geq 1$ year):

1. Erel Joffe, MD (Sep 2011 – Sep 2013) – Collaborative knowledge acquisition, expert systems  
*Position after graduation:* Hematology fellow, Tel Aviv Medical Center, Tel Aviv, Israel.
2. Kevin Hwang, MD (2005-2008) – Informatics applied to population health management.  
*Position after graduation:* Assistant Professor, UTHealth, Houston, TX

### Graduated PhD:

1. Tongtong Huang (committee member Sep 2019 – Aug 2024) Designing Recommendation Systems for Identification and Reduction of Unnecessary Blood Tests  
*Position after graduation:*
2. Sarah May (Committee member, Sep 2017 – Jun 2023) – Automating Construction of Fair Models for HIV Risk Prediction Using Neighborhood Data  
*Position after graduation:* Senior Biostatistician, Methodology & Analytics Core, Center for Innovations in Quality, Effectiveness and Safety, Michael E. DeBakey VA Medical Center, Houston, TX
3. Surabhi Datta (Committee member, Aug 2016 – Mar 2023) - Spatial Information Extraction from Radiology Reports  
*Position after graduation:* Senior NLP Scientist, Melax Technologies, Houston, TX
4. Yuqi Si (Committee member, Fall 2017 - Fall 2021) – Enhance Representation Learning of Clinical Narrative with Neural Networks for Clinical Predictive Modelling.  
*Position after graduation:* Applied Scientist –NLP, Pieces, Dallas, TX
5. Justin Mower (Committee Member, Spring 2016 – Summer 2018) – Compositional relation-based learning (CoRL): a general purpose method to literature-derived relationships applied to pharmacovigilance.  
*Position after graduation:* Post-doc, Rice University, Houston, TX

6. Safa Fathiamini (Committee Member – Summer 2018) - Comparing attributional and relational similarity as a means to identify clinically relevant drug-gene relationships.  
*Position after graduation:* Biomedical Informatician, Architect, Infor Corporation Houston, TX
7. Scott Malec (Committee Member, Spring 2016 – Spring 2018) – Using the literature to identify confounders.  
*Position after graduation:* Post-doc, University of Pittsburgh, Pittsburgh, PA
8. Zhiguo (Stanley) Yu (Committee Member; Spring 2014 – Summer 2017) Understanding PubMed Search Results Using Topic Models and Interactive Informative Visualization  
*Position after graduation:* Data Scientist, Microsoft Research, Seattle, WA
9. Jose (Franck) Diaz Vasquez (Committee Member; Summer 2012 – Fall 2015) Visualization for exploration of large clinical data sets.  
*Position after graduation:* Research Associate, Clinical and Translational Science Institute, Wake Forest Baptist Health, Winston-Salem, NC
10. Deevakar Rogith (Committee Member; Fall 2011 – Fall 2015) Process mining of medication revisions in electronic health records.  
*Position after graduation:* Post-doc, UT SBMI, Houston, TX
11. J. Caleb Goodwin (Primary Advisor; Fall 2008 – Fall 2015) Implication of computational cognitive models for information retrieval.  
*Position after graduation:* Senior Lead Data Scientist, Ravel Law, San Francisco, CA
12. Ning (Sunny) Shang (Committee Member; Fall 2008 – Fall 2014) Literature-based discovery.  
*Position after graduation:* Post-doc, Columbia University, NY, NY
13. Jorge R. Herskovic, MD (Primary Advisor; Fall 2005 - Fall 2008) Evaluation of link analysis algorithms in biomedical information retrieval.  
*Position after graduation:* Assistant Professor of Health Information Sciences, UT-Houston
14. Rohan Bhavane (Committee Member; Spring 2005 - Summer 2006) Pulmonary drug delivery using novel liposomal delivery systems.  
*Position after graduation:* Post-doc, UT-Houston
15. Muhammad Walji (Committee Member; Fall 2003 – Fall 2006) Persuasive messaging.  
*Position after graduation:* Assistant Professor, UT-Houston Dental School.

**Graduated MS (Research):**

1. Onur Sahin, PhD (MD/MS program) - Epidemiology of Patient Record Duplication.  
*Position after graduation:* Surgery resident, Baylor College of Medicine, Houston, TX

2. Akshat Kumar - Closing the loop: automatically identifying abnormal imaging results in scanned documents.  
*Position after graduation:* Internal medicine resident, University of California San Diego
3. Fatima Ashraf - Performing Extract-Transform-Load (ETL) Process for Clinical Data Warehouse.  
*Position after graduation:* Programmer-Analyst, UT School of Biomedical Informatics.
4. Kendall Kiser - Artificial intelligence in radiation oncology treatment planning: A brief overview.  
*Position after graduation:* Medical student, McGovern Medical School.
5. Adetomiwa (Tom) Oguntuga – Sentiment analysis of clinical notes.  
*Position after graduation:* Senior Analyst, Medical Informatics at Practice Fusion
6. Gary Walker, MD -- Prospective randomized double-blind study of atlas-based organ-at-risk autosegmentation-assisted radiation planning in head and neck cancer.  
*Position after graduation:* Resident in radiation oncology, The UT MD Anderson Cancer Center.
7. Marla Hawkins (Daves) (primary advisor) – Meta-analysis of multiple microarray datasets reveals a common gene signature of metastasis in solid tumors  
*Position after graduation:* Assistant Professor, Pediatric Hematology/Oncology, Baylor College of Medicine (Texas Children’s Hospital).
8. Smitha Sagaram, MBBS, MS – Usability of quality measures for online health information: can commonly used technical quality criteria be reliably assessed?  
*Position after graduation:* MPH program, School of Public Health, Harvard University.
9. Muhammad Walji, MS (Fall 2001 – Fall 2002) – Searching for cancer-related information online: unintended retrieval of complementary and alternative medicine information. *Position after graduation:* UT-SHIS PhD program.
10. Jorge R. Herskovic, MD, MS (Fall 2003 – Spring 2005) – Using incomplete data for MEDLINE results ranking. *Position after graduation:* UT-SHIS PhD program.
11. Sarah E. Edmonson, MD, MS – Context, Automated Decision Support, and Clinical Practice Guidelines: Does the Literature Apply to the United States Practice Environment?  
*Position after graduation:* UT-SHIS PhD program.
12. Kimberly A. Smith-Aiken, MS – Developing a Veterinary Informatics Research Agenda: The State of the Science.  
*Position after graduation:* UT-SHIS PhD program.
13. Len Tanaka, MD – Overcoming citation lag link for analysis algorithms in biomedical information retrieval.  
*Position after graduation:* Assistant Professor, Pediatric Pulmonary and Critical Care, University of Hawaii (Honolulu).

**COURSES TAUGHT**

Introduction to Clinical Health Care (HI 5004) (designed and taught)	2014: Spring 2016: Spring 2017: Spring 2020: Spring
Foundations of Health Informatics II (HI 5311)	2010: Spring (with Dr. Todd Johnson) 2011: Spring (with Dr. Trevor Cohen)
Foundations of Health Informatics I (HI 5310)	2006: Fall 2007: Spring, Summer, Fall 2008: Spring, Summer, Fall 2009: Spring
Introduction to Health Informatics (HI 5300): (designed and taught)	2002: Summer, Fall 2003: Summer, Fall 2004: Fall 2005: Fall
Consumer Informatics (HI 6308): (designed and taught)	2002: Winter 2003: Winter 2005: Winter
Research Seminar (HI 7150):	Continuously since 8/2002 invite and schedule local and visiting speakers.
Directed Studies/Resident rotations:	R. Johnson – Fall 2002 J. Herskovic, MD – Fall 2005, Fall 2006, Spring 2007 J. Gossey, MD – Spring 2005 K. Hwang, MD – Summer 2008 J. Goodwin – Spring 2011 Rafeek Yusuf – Summer 2012, Fall 2012 Deevakar Rogith – Summer 2012, Fall 2012
Health Informatics Short Course: (designed and directed course)	March 2002 September 2002

**COMMITTEE SERVICE**  
**Currently-active**  
**committees in bold**

Chair, Inter-Faculty Council, UT-Houston (2009-2010)  
Co-Chair UT-System Health Affairs Sub-Committee of the Faculty Advisory council (2009-2010)  
Chair, SHIS Faculty Governance Association (2002-2006; elected to one year terms)

School of Biomedical Informatics

1. Faculty development (2013-2016)
2. Curriculum (2002-2011, 2017-2018)
3. Executive (2002-2006)
4. Co-supervisor of IT Support (2003-2006)
5. Co-supervisor of IT Development (2005-2006)
6. Co-supervisor SHIS IT (2006-2011)
7. Scholarship/Teaching Incentive (2006)
8. Faculty Search (2003-2009, Chair 2012-2015)
9. Space (2004-2008)
10. Admissions (2005 – 2012, 2019-2021)
11. Applied track planning (2005-2006)
12. Incentive plan review (2002)
13. Strategic planning (2002)
- 14. Scholarship and Awards (2021-present)**
- 15. Faculty appointment, promotion and tenure (APT) (2023-present; Chair 2024-present)**

University-Level Committees

1. IT Infrastructure (2003-2006)
2. Awards (2003-2006)
3. Faculty Development Leave (2003-2011)
4. Inter-Faculty Council (IFC, 2002-2011, 2012-2015, 2017, Chair 2009-2010)  
IFC Faculty Status, Rights and Responsibilities sub-committee (2004-2009,  
Chair, 2005)
5. IFC Administrative sub-committee (2014-2015)
6. Nominating (2002-2008)
7. Translational Research Center Planning (2005)
8. President Search Committee (elected from Interfaculty Council 2008)
9. President's Scholar Award Review Committee (2017)
10. EHR Physician Advisory (2013-2022)
- 11. Data Governance Committee (2020-present)**
- 12. AI Strategic Planning (Data Committee Co-Chair) (2025-present)**

Medical School

1. Continuing Medical Education (2004-2009)
2. Computerized Physician Order Entry (2005-2006)
3. Bioinformatics Faculty Search Committee (2004-2007), (IMM 2013-2014)
4. Research Conflict of Interest Committee (2006-2009)

Texas Medical Center, National, Other Institutions

- 1. CTSA Biomedical Informatics and Data Science Executive Committee (elected, 2024-present)**
- 2. CTSA National Steering Committee (elected 2024-2025)**
3. HAM-TMC Library Advisory Committee (2007-2009, 2013-2014)
4. UTMB (Galveston) Bioinformatics Faculty Search Committee (2007-2010)
- 5. CTSA Biomedical Informatics Key Function Committee (now Biostatistics, Biomedical Informatics and Data Science, BIDS) (2006-present)**
6. CTSA Biomedical Informatics National Operations (Executive) Committee (2007-2009)
7. American Medical Informatics Association Meetings Committee (2008-2012)
8. American College of Physicians Medical Informatics Committee (5/2015-5/2019)
9. American Society of Clinical Oncology HIT working group (2015-2020)
10. Gulf Coast Consortia Bioinformatics Consortium Co-Lead (2015-2018)
11. American College of Medical Informatics (ACMI) Executive Committee (2016-2018)

**12. HAM-TMC Library Board (2018-2020, 2024-present)**

1. Bright A, Decaro M, Goodrum H, Kwon D, Rahbar MH, Hormann MD, **Bernstam EV**, Swails JL. A Cross Sectional 15-year analysis of the effect of student and faculty demographics on Student Assessment. *Edu Health J*, *in press*.
2. Hill JB, **Bernstam EV**, Cui L, Killoran PV. A Conceptual Model for Provider Scheduling: Insights from an EHR Implementation. *J Am Med Infor Ass*, *in press*.
3. Okpala M, Izeogu C, Wang M, Green C, Cooksey G, Nguyen T, Cohen S, Bryant L, Hernandez DC, **Bernstam EV**, Gonzales M, Conyers R, Chiadika O, Varacalli K, Savitz SI, Yamal JM, Sharrief AZ. Video-based Intervention to Reduce Treatment and Outcome Disparities in Adults Living with Stroke or Transient Ischemic Attack (VIRTUAL): protocol for a randomized controlled trial. *Trials*. 2025 Aug 12;26(1):288. doi: 10.1186/s13063-025-09003-5.PMID: 40796883
4. Fu S, Kwak MJ, Ahn J, Yue Z Ranganath S, Applegate RJ, Wen A, Wang L, Hilsman J, Morris M, Potter K, Girard TD, Osborne JD, Kennedy RE, Garduno-Rapp NE, Rousseau JF, Yan C, Chen Y, Patel MB, Murphy RJ, Malin BA, Park CM, Jia H, Pagali S, Palmer AK, St. Sauver J, Sohn S, **Bernstam E**, Visweswaran S, Wang Y, Liu H. Advancing Delirium Research through the Open Health Natural Language Processing Consortium and ENACT Network. *J Gerontol A Biol Sci Med Sci*. 2025 Nov 6;80(12):glaf207. doi: 10.1093/gerona/glaf207. PMID: 41017643
5. Wang Y, Hilsman J, Li C, Morris M, Heider PM, Fu S, Kwak MJ, Wen A, Applegate JR, Wang L, **Bernstam E**, Liu H, Chang J, Harris Dr, Corbeau A, Henderson D, Osborne J, Kennedy RE, Garduno-Rapp NE, Rousseau JF, Yan C, Chen Y, Patel MB, Murphy RJ, Malin BA, Park CM, Fan JW, Sohn S, Pagali S, Peng Y, Pathak A, Wu Y, Xia Z, Loguercio S, Reis SE, Visweswaran S. Development and validation of natural language processing algorithms in the national ENACT network. *J Clin Trans Sci*. 2025;9(1):e199. doi:10.1017/cts.2025.10116. PMID: 39974073 PMCID: PMC11839006.
6. Kum H-C, Ragan E, Ramezani M, Ilangovan G, Li Q, D'Souza A, Giannouchos T, **Bernstam EV**, Curtis JR, Ferdinand AO, Schmit C. Privacy-by-Design: Case Studies in Interactive Record Linkage Using a Hybrid Human-Computer System. *Int J Med Inform*. 2025 Dec;204:106045. doi: 10.1016/j.ijmedinf.2025.106045. Epub 2025 Jul 31. PMID: 40845523
7. Van Hal CA, **Bernstam EV**, Johnson TR. Review of Tools to Support Target Trial Emulation. *J Biomed Inform*. 2025 Nov;171:104897. doi: 10.1016/j.jbi.2025.104897. Epub 2025 Sep 26. PMID: 41016623
8. Mazzotti DR, Waitman LR, Miller J, Sundar KM, Stewart NH, Gozal D, Song X; **Greater Plains Collaborative**. Positive Airway Pressure, Mortality, and Cardiovascular Risk in Older Adults With Sleep Apnea. *JAMA Netw Open*. 2024 Sep 3;7(9):e2432468. doi: 10.1001/jamanetworkopen.2024.32468. PMID: 39259540
9. Wollen J, Nguyen T, Coton C, DeWildt G, Cooksey G, Cohen A, Hoang N, Okpala M, Gonzales M, Wang M, Izeogu C, **Bernstam E**, Green C, Savitz S, Yamal J-M, Sharrief A. Development of a Customizable Web-Based Dashboard for Remote Blood Pressure Monitoring. *JMIR Form Res*. 2025 Aug 6;9:e62700. doi: 10.2196/62700. PMID: 40769201
10. Azhir A, Hügel J, Tian J, Cheng J, Bassett IV, Bell DS, **Bernstam EV**, Farhat MR, Henderson DW, Lau ES, Morris M, Semenov YR, Triant VA, Visweswaran S, Strasser ZH, Klann JG, Murphy SN, Estiri H. Precision Phenotyping for Curating Research Cohorts of Patients with Unexplained Post-Acute Sequelae of COVID-19. *Med*. 2024 Nov 8:100532. doi: 10.1016/j.medj.2024.10.009. PMID: 39520983.

11. Sahin O, Zhao A, Applegate RJ, Johnson TR, **Bernstam EV**. Epidemiology of patient record duplication. *Appl Clin Inform*. 2025 Jan;16(1):24-30. doi: 10.1055/a-2423-8499. Epub 2024 Sep 27. PMID: 39333060
12. **Bernstam EV**, Araya A, Decaro M, Johnson TR. Informatics Hygiene to support reuse of routinely collected health care data for evidence based practice. 2024 Jul 4;bmjebm-2024-112948. doi: 10.1136/bmjebm-2024-112948. PMID: 38964830.
13. Champion TR, Craven CK, Dorr DA, **Bernstam EV**, Knosp BM. Understanding Enterprise Data Warehouses to Support Clinical and Translational Research: Enterprise Information Technology Relationships, Data Governance, Workforce, and Cloud Computing. *J Am Med Inform Assoc*. 2024 May 23;ocae111. doi: 10.1093/jamia/ocae111. PMID: 38777803
14. Tan Y, Dede M, Mohanty V, Dou J, Hill H, **Bernstam E**, Chen K. Forecasting Acute Kidney Injury and Resource Utilization in ICU patients using longitudinal, multimodal models. *J Biomed Inf, J Biomed Inform*. 2024 Jun;154:104648. doi: 10.1016/j.jbi.2024.104648. Epub 2024 Apr 30. PMID: 38692464
15. Craven CK, Highfield L, Basit B, **Bernstam EV**, Choi BY, Ferrer RL, Gelfond JA, Pruitt SL, Kannan V, Shireman PK, Spratt H, Torres Morales KJ, Wang CP, Wang Z, Zozus MN, Sankary EC, Schmidt S. Towards Standardization, Harmonization, and Integration of Social Determinants of Health Data: A Texas Clinical and Translational Science Award Institutions Collaboration. *J Clin Transl Sci*. 2024 Jan 9;8(1):e17. doi: 10.1017/cts.2024.2. eCollection 2024. PMID: 38384919
16. Deng Y, Gleason LP, Culbertson A, Chen X, **Bernstam EV**, Cullen T, Gouripeddi R, Harle C, Hesse DF, Kean J, Lee J, Magoc T, Meeker D, Ong T, Pathak J, Rosenman M, Rusie LK, Shah AJ, Shi L, Thomas A, Trick WE, Grannis S, Kho A. Evolving availability and standardization of patient attributes for matching, *Health Affairs Scholar*, Volume 1, Issue 4, October 2023, <https://doi.org/10.1093/haschl/qxad047>
17. Haley LC, Boyd AK, Hebballi NB, Reynolds EW, Smith KG, Scully PT, Nguyen TL, **Bernstam EV**, Li LT. Attitudes on Artificial Intelligence use in Pediatric Care From Parents of Hospitalized Children. *J Surg Res*, 2024 Mar;295:158-67. PMID: 38016269
18. Zhang K, Lincoln JA, Jiang X, **Bernstam EV**, Shams S. Predicting multiple sclerosis disease severity with multimodal deep neural networks. *BMC Med Inform Decis Mak*. 2023 Nov 9;23(1):255. doi: 10.1186/s12911-023-02354-6. PMID: 37946182
19. Li LT, Haley LC, Boyd AK, **Bernstam EV**. Technical/Algorithm, Stakeholder, and Society (TASS) Barriers to the Application of Artificial Intelligence in Medicine: A Systematic Review. *J Biomed Inform*. 2023 Nov;147:104531. doi: 10.1016/j.jbi.2023.104531. Epub 2023 Oct 25. PMID: 37884177
20. Kuo TT, Pham A, Edelson ME, Kim J, Chan J, Gupta Y, Ohno-Machado L; **R2D2 Consortium**. Blockchain-enabled immutable, distributed, and highly available clinical research activity logging system for federated COVID-19 data analysis from multiple institutions. *J Am Med Inform Assoc*. 2023 May 19;30(6):1167-1178. doi: 10.1093/jamia/ocad049. PMID: 36916740 PMID: PMC10198529
21. Araya A, Thornton LR, Kwon D, Ferguson GM, Highfield LD, Hwang KO, Holmes HM, **Bernstam EV**. Medication Reconciliation During Transitions of Care Across Institutions: A quantitative analysis of challenges and opportunities. *Appl Clin Inform*. 2023 Oct;14(5):923-931. doi: 10.1055/a-2178-0197. Epub 2023 Sep 19. PMID: 37726022
22. Huang T, Li LT, **Bernstam EV**, Jiang X. Confidence-based laboratory test reduction recommendation algorithm. *BMC Med Inf Decis Mak*, 2023 May 10;23(1):93. doi: 10.1186/s12911-023-02187-3. PMID: 37165369

23. Johnson TR, **Bernstam EV**. Why is biomedical informatics hard? A fundamental framework. *J Biomed Inform.* 2023 Apr;140:104327. doi: 10.1016/j.jbi.2023.104327. Epub 2023 Mar 8. PMID: 36893995
24. Samuel S, To C, Ling Y, Zhang K, Jiang X, **Bernstam EV**. Enoxaparin may be associated with lower rates of mortality than unfractionated heparin in neurocritical and surgical patients. *J Thromb Thrombolysis*, 2023 Apr;55(3):439-448. doi: 10.1007/s11239-022-02755-w. Epub 2023 Jan 10. PMID: 36624202
25. Abeysinghe R, Zheng F, **Bernstam EV**, Shi J, Bodenreider O, Cui L. A deep learning approach to identify missing is-a relations in SNOMED CT. A deep learning approach to identify missing is-a relations in SNOMED CT. *J Am Med Inform Assoc.* 2023 Feb 16;30(3):475-484. doi: 10.1093/jamia/ocac248. PMID: 36539234
26. Wei Q, Z Xu, Anjum O, Hu Y, Denlinger R, **Bernstam E**, Citardi M, and Xu H. ClinicalLayoutLM: A Pre-trained Multi-modal Model for Understanding Scanned Document in Electronic Health Records, 2022 IEEE International Conference on Big Data (IEEE BigData 2022), December 17-20, 2022, Osaka, Japan.
27. **Bernstam EV**, Applegate RJ, Yu A, Chaudhari D, Liu T, Coda A, Leshin J. Real-world matching performance of de-identified record linking tokens. *Appl Clin Inform.* 2022 Aug;13(4):865-873. doi: 10.1055/a-1910-4154. Epub 2022 Jul 27. PMID: 35896508.
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**PEER REVIEWED  
POSTERS, PANELS AND  
ABSTRACTS**

1. **Bernstam EV**, Becich MJ, Elkin PL, Davis HA, Zozus MN. NIH CTSA Enterprise Committee Evolution: From Informatics to Biostatistics, Biomedical Informatics and Data Science (BIDS). Panel presented at the AMIA 2025 Joint Summits on Translational Science, March 10-13, 2025; Pittsburgh, PA.
2. **Bernstam EV**, Payne TH, Holmgren AJ, Adler-Milstein J, Lozovatsky M. EHRs in 2024: How to align incentives to improve EHRs. Panel presented at the AMIA 2024 Fall Symposium, November 9-13, 2024; San Francisco, CA.
3. Palacios D, Liu Z, **Bernstam EV**. Foundation AI models and AutoML approaches to clinical informatics. Abstract presented at the AMIA Clinical Informatics Conference, Minneapolis, MN, May 21-23, 2024.
4. Koo A, Roberts K, **Bernstam EV**. A comparative analysis of ChatGPT and NLM indexing consistency. Poster presented at the AMIA Fall Symposium 2023, November 11-15, 2023; New Orleans, LA.
5. Knosp BM, Craven CK, Dorr, DA, **Bernstam EV**, Campion TR. Understanding Enterprise Data Warehouses to Support Clinical and Translational Research: Initial Findings on Impact, Sustainability, Demand Management, and Accessibility. Podium abstract presented at the AMIA Fall Symposium 2023, November 11-15, 2023; New Orleans, LA.
6. To C, Samuel S, Ling Y, Zhang K, Jiang X, **Bernstam E**. Enoxaparin May Be Associated With Lower Mortality Than Heparin in Neurocritical/Surgical Patients. Presented at the Society for Critical Care Medicine (SCCM) Congress 2023, January 21-24, 2023; San Francisco, CA.
7. Haley L, Boyd AK, Hebballi NB, Reynolds EW, Nguyen TL, Scully PT, Smith KG, **Bernstam EV**, Li LT. Parental Opinion on the Use of Artificial Intelligence in Pediatric Healthcare. Poster to be presented at the Society of Asian Academic Surgeons, September 16-19, 2022; Honolulu, HI,
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10. **Bernstam EV**, Bellazzi R, Liu L, Meric-Bernstam F. Precision Medicine Informatics: Translating research into practice around the World. Panel presented at the 17th World Congress of Medical and Health Informatics (Medinfo 2019), August 25-30, 2019; Lyon, France.
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13. Hamilton JE, Shahani LR, **Bernstam EV**, Allen MK, Lane SD, Selek S. Higher Prevalence of Cocaine Abuse Among HIV Infected Inpatients in a Psychiatric Hospital. Poster presented at the International Society of Affective Disorders and Houston Mood Disorders Conference; Houston, TX, September 21, 2018.
14. Malec SA, Majid RM, Liu H, **Bernstam EV**, Wei P, Cohen T. Using domain knowledge to construct causal models from clinical observational data. Poster presented at the Rice machine-learning symposium; Houston, TX, Jan 24, 2017.
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17. Yu Z, Cohen T, Wallace BC, **Bernstam EV**, Johnson TR. Retrofitting word vectors of MeSH terms to improve semantic similarity measures. Poster presented at Louhi 2016, the Seventh International Workshop on Health Text Mining and Information Analysis, November 5, 2016, Austin, TX.
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22. Yu Z, Johnson TR, **Bernstam EV**, Cohen T. Correspondence of topic models and MeSH terms for PubMed abstracts. *Proceedings of the AMIA Joint Summits on Translational Science*, March 23-7, 2015; San Francisco, CA.
23. Rogith D, Yusuf RA, Hovick SR, Fellman BM, Peterson SK, Burton-Chase AM, Li Y, **Bernstam EV**, Meric-Bernstam F. Knowledge and information seeking about personalized cancer therapy. Poster presented at the San Antonio Breast Cancer Symposium, December 9-13, 2014; San Antonio, TX.

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26. Willcockson IU, Herskovic JR, Sutton MA, Hoyt RE, Johnson CW, Johnson TR, **Bernstam EV**. Using early quizzes to predict student outcomes in online introductory biomedical informatics courses. Proceedings of the AMIA Fall Symposium 2013, November 16-20, 2013; Washington DC.
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29. Guerrero S, Byrne M, Hwang K, **Bernstam E**. BIGTxt: a Mobile Application for Supporting Lifestyle Changes. Poster presented at: AMIA Clinical Research Informatics Summit, March 20-22, 2013; San Francisco, CA.
30. Anderson N, Athey B, **Bernstam E**, Bickel J, Ge Y, Marsolo K, Murphy S, Wynden R, MacFadden D, Kohane I. SHRINE national pilot. Poster presented at: AMIA Clinical Research Informatics Summit, March 20-22, 2013; San Francisco, CA.
31. Joffe E, Herskovic JR, Bearden CF, **Bernstam EV**. Expert guided natural language processing. In: *Cancer Prevention Research Institute of Texas Annual Conference*; 2012.
32. Herskovic JR, Subramanian D, Cohen T, Bozzo Silva PA, Bearden CF, **Bernstam EV**. Graph-based signal integration for patient diagnosis discovery. Presented at BIOT 2011, October 20-21, Houston, TX.
33. Reeder P, Byrne M, Guerrero S, Herskovic J, **Bernstam EV**. Implementation of an Enterprise Master Person Index for Clinical Research. Proceedings of the AMIA Fall Symposium 2011, p. 1936.
34. Hwang KO, Etchegaray JM, **Bernstam EV**, Thomas EJ. Predictors of intention to share educational health information via online social network ties. Poster presented at: Society of Behavioral Medicine 31st Annual Meeting, April 8th, 2010; Seattle, WA.
35. Hwang KO, Etchegaray JM, **Bernstam EV**, Thomas EJ. Activity in an online weight loss community predicts encouragement support. Poster presented at: Society of Behavioral Medicine 31st Annual Meeting, April 7th, 2010; Seattle, WA.
36. **Bernstam EV**, Herskovic JR, Reeder P, Meric-Bernstam F. Oncology research using electronic medical record data. Abstract ID: e16501. American Society of Clinical Oncology 2010 Annual Meeting, Chicago, IL, June 4-8, 2010.
37. Hwang KO, Reeder P, **Bernstam EV**. Use of beta-blockers in hypertensive overweight and obese patients without compelling indications. Presented at the 30th Annual Meeting of the Society for Medical Decision Making, October 18-22, 2008, Philadelphia, PA.

38. Hwang KO, Ruderman AJ, Ottenbacher AJ, Lucke JF, Graham AL, Thomas EJ, **Bernstam EV**. Comparison of paper and online versions of the Weight Management Support Inventory. Poster presented at: Society of Behavioral Medicine; March 26-9, 2008; San Diego, CA.
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41. Meric-Bernstam F, Walji M, Sagaram D, Sagaram S, Johnson CW, **Bernstam EV**. Conventional cautions regarding online information: do they predict accuracy of breast cancer websites? Proceedings of the American Society of Clinical Oncology 42<sup>nd</sup> Annual Meeting, (abstract 6086), 2006.
42. Walji M, Johnson-Throop K, Johnson T, **Bernstam E**, Zhang J. Persuasive Email Reminders to Enhance Appointment Adherence for Diabetics. AMIA Spring Congress. 2006.
43. Walji M, Johnson-Throop K, Johnson T, **Bernstam EV**, Zhang J. Persuasive Email Messages for Patient Communication. Proceedings of the AMIA Fall Symposium 2005, p. 1148.
44. **Bernstam EV**, Herskovic JR, Meric-Bernstam F. Using citation analysis to ease information overload in oncology. Proceedings of the American Society of Clinical Oncology 41<sup>st</sup> Annual Meeting, (abstract 6036), 2005.
45. Lund GC, Stones J, **Bernstam EV**. Readability of electronic responses of clinicians to consumer's perinatal health care questions. Proceedings of the American Academy of Pediatrics Annual Conference, 2004.
46. Sagaram S, Walji M, Meric F, **Bernstam EV**. Cancer-related complementary and alternative medicine (CAM) on the web. Proceedings of the American Society of Clinical Oncology 39<sup>th</sup> Annual Meeting, 20:553 (abstract 2226), 2003.
47. Tindall RD, Casscells SW, Sailors RM, **Bernstam EV**, Galloway CS, Duke JH. Saving lives in real-time: a pre-hospital telementoring case. Proceedings of the AMIA Fall Symposium p. 1179, 2002.
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49. Meric F, **Bernstam EV**, Mirza NQ, Hunt KK, Ames FC, Ross MI, Kuerer HM, Pollock RE, Musen MA and Singletary SE. Breast Cancer on the World Wide Web: Determinants of Web Site Popularity. Proceedings of the American Society of Clinical Oncology 37<sup>th</sup> Annual Meeting 20:39b (abstract 1904), 2001.
50. **Bernstam EV**, Ash N, Peleg M, Tu S, Shortliffe EH, Greenes RA. Preliminary evaluation of a guideline classification system. Proceedings of the AMIA Fall Symposium pp. 863, 2001.
51. Phillips RC, **Bernstam EV**, Mork P, Lober WB, Karras BT. Modification of GEM to incorporate changes in a classification scheme. Proceedings of the AMIA Fall Symposium pp. 994, 2001.

52. Meric F, **Bernstam EV**, Mirza NQ, Musen MA. Quality and accuracy of breast cancer information on the World Wide Web. 24th Annual San Antonio Breast Cancer Symposium December 10-13, 2001.
53. **Bernstam E**, Troyanskaya O, Chang J. Medline Query-by-Example. (2000) Biomedical Computation at Stanford Conference. October 28, 2000. Stanford, California.  
[Won best poster in category prize]

## BOOK CHAPTERS

1. **Bernstam EV**, Johnson TR, Herskovic JR & Cohen T. (2012). Healthcare Data, Information and Knowledge. In RE Hoyt, A Yoshihashi, Bailey NJ (Eds.), *Medical Informatics: Practical Guide for Healthcare and Information Technology Professionals Fifth Edition* (p. 37-57). Lulu.com. (ISBN 978-1-105-43755-7)  
**[Updated for Seventh Edition]**
2. **Bernstam EV**, Meric-Bernstam F. Quality and accuracy of online health information, pp. 35-62. Chapter in: Whitten, P., Kreps, G.L., and Eastin, M.S. (Eds.) (2011). *E-health: The advent of online cancer information systems*. Cresskill, NJ: Hampton Press.
3. **Bernstam EV**, Meric-Bernstam F. Reliability and evaluation of online health information. Chapter in: Hakim, L. (Ed.) (2007). *Web Mobile-Based Applications for Healthcare Management*. Idea Group press. Pp. 181-96.  
  
This chapter was reprinted as: Bernstam, EV, & Meric-Bernstam, F. (2008). Reliability and evaluation of health information online. In J. Tan (Ed.), *Medical informatics: Concepts, methodologies, tools and applications* (pp. 2029-2041). Hershey, PA: Medical Information Science Reference.
4. **Bernstam EV**, Herskovic JR, & Hersh WR. (2008). Query log analysis in biomedicine. In B. J. Jansen, A. Spink & I. Taksa (Eds.), *Handbook of Research on Web Log Analysis* (p. 359-377). Hershey, PA: IGI.
5. **Bernstam EV**, Herskovic JR, & Hersh WR. (2008). Query log analysis in biomedicine. In B. J. Jansen, A. Spink & I. Taksa (Eds.), *Handbook of Research on Web Log Analysis* (p. 359-377). Hershey, PA: IGI.
6. Hoyt RE, **Bernstam EV**, Johnson TR. (2010). Overview of Medical Informatics. In RE Hoyt & A Yoshihashi (Eds.), *Medical Informatics: Practical Guide for Healthcare and Information Technology Professionals Fourth Edition* (p. 1-34). Lulu.com (ISBN-13: 978-0-557-60808-9)  
**[Updated for Fifth Edition, ISBN 978-1-105-43755-7; January 2012]**
7. Hoyt RE, **Bernstam EV**, Hersh WR. (2017). Overview of Medical Informatics. In RE Hoyt & A Yoshihashi (Eds.), *Medical Informatics: Practical Guide for Healthcare and Information Technology Professionals Seventh Edition*.

**INVITED  
PUBLICATIONS AND  
PRESENTATIONS**

1. **Bernstam EV.** AI in Academic Medical Centers: It's mostly about the data... Inaugural AI Symposium. The University of Texas Medical Branch, Galveston, TX. January 14, 2026.
2. **Bernstam EV.** AI in Academia and Industry; role of academic medical centers. Clinical and Translational Science Award Consortium 2025 National Meeting. Bethesda, MD. October 22-24, 2025.
3. **Bernstam EV.** AI in Health Care: It's mostly about the data... Interest group 9 presentation. National Academy of Medicine Meeting. Washington, DC. October 19, 2025.
4. **Bernstam EV.** AI in Academia and Industry. Texas Regional CTSA Consortium. San Antonio, TX. June 12, 2025.
5. **Bernstam EV,** Klivans A, Kim Y, Sood AK, Schmidt ST. AI in Clinical Trials and Drug Discovery. The University of Texas System 2<sup>nd</sup> Annual AI Symposium. Houston, TX. May 15, 2025.
6. **Bernstam EV.** Strategic Planning for Research Success. UTHealth Grants 201 Research Faculty Development Program. Houston, TX. March 18, 2025.
7. **Bernstam EV.** Strategies for Patient Recruitment. STOP Cancer Summit for Novel Therapeutics in Oncology & Precision Medicine in Cancer. Las Vegas, NV. August 24, 2024.
8. Strasberg HR, **Bernstam EV.** ACMI Virtual - Fixing What's Broken: An Open Discussion of ACMI Patient Experiences. Virtual ACMI session. June 25, 2024.
9. **Bernstam EV,** Jiang X, Willett D, Zhi D. Large Language Models (LLMs) and Natural Language Processing (NLP). Session presented at the UT System AI in Health Symposium, UT Southwestern Medical Center at Dallas, TX. May 31, 2024.
10. **Bernstam EV.** AI and Data Science in Clinical Health Care. The Hispanic Alliance for Clinical and Translational Research (Alliance), San Juan, PR. May 8, 2024.
11. **Bernstam EV.** AI and Data Science in Clinical Health Care. UTHealth/MD Anderson Cancer Center Graduate School of Biomedical Sciences Retreat, League City, TX. April 19, 2024.
12. **Bernstam EV,** Murphy SN. Panel: Data Sharing. Panel presented at the Clinical and Translational Science Award Consortium Informatics Enterprise Committee Meeting, Boston, MA. March 22, 2024.
13. **Bernstam EV,** Hu X, Jiang X, Tang L, Roberts K. Panel: Opportunities and challenges of generative AI in real-world healthcare applications. Panel presented at the Texas Medical Center AI Summit, Houston, TX. February 20, 2024.
14. Purcell Jackson G, Tenenbaum J, Kohane IS, **Bernstam EV.** Byte-sized solutions: The Imminent AI Healthcare Revolution. Panel presented at the AMIA 2023 Fall Symposium, New Orleans, LA. November 14, 2023.
15. Knosp B, Wilcox A, Platt J, Barnett W, Solomonides A, Dorr D, Anderson N, **Bernstam E,** Embi P. Informatics Maturity Working Group: Understanding and Applying Maturity in Biomedical Informatics. Workshop presented at the AMIA 2023 Fall Symposium, New Orleans, LA. November 11, 2023.

16. **Bernstam EV.** Health care data re-use. The Hispanic Alliance for Clinical and Translational Research. University of Puerto Rico, Puerto Rico. (Virtual) October 12, 2023.
17. **Bernstam EV.** Health care data re-use. Baylor College of Medicine / Texas Children's Hospital Pediatrician-Scientist Program Retreat, Lake Conroe, TX. June 3, 2023.
18. **Bernstam EV.** Closing the loop – AI and missed results. Rice University Houston, TX (Virtual). February 18, 2023.
19. Swails JL, **Bernstam EV.** To Err is Divine? Med Educ. 2023 May;57(5):389-391. doi: 10.1111/medu.15063. Epub 2023 Mar 8. PMID: 36811142
20. **Bernstam EV.** AI in Medical School and Clinical Practice. Gulf Coast Consortia AI in Healthcare Symposium, Houston, TX (Virtual). May 18, 2022.
21. **Bernstam EV.** Quantitating Interoperability. Clinical Informatics Grand Rounds, Mayo Clinic, Rochester, MN (Virtual). May 9, 2022.
22. **Bernstam EV.** Clinical Data (Warehousing). Computational and Integrative Biomedical Research Center (CIBR) and Quantitative Computational Biology training program seminar, Baylor College of Medicine, Houston TX (Virtual). January 27, 2022.
23. **Bernstam EV.** Clinical Data (Warehousing). Research seminar, Data Science and Informatics Core for Cancer Research (DSICCR), The University of Texas Health Science Center at Houston (Virtual). January 18, 2022.
24. **Bernstam EV.** Closing the loop – AI and missed results. Research seminar, Department of Radiology, The University of Texas Health Science Center at Houston (Virtual). May 27, 2021.
25. **Bernstam EV.** Informatics support for clinical and translational research. Informatics Research Seminar. Keck Seminar (Virtual), Gulf Coast Consortia. November 6, 2020.
26. **Bernstam EV.** Informatics support for clinical and translational research. Informatics Research Seminar (Virtual). Department of Biomedical Informatics and Medical Education, University of Washington School of Medicine. October 8, 2020.
27. **Bernstam EV (Chair),** Spratt H, Bian J, Krishnamurthy A, Robinson P, Lindsell C. AI in clinical and translational research. Panel presented at the 2020 CTSA informatics Enterprise Committee meeting (Virtual). April 3, 2020.
28. **Bernstam EV.** Informatics support for clinical and translational research. 2<sup>nd</sup> Steering Committee Meeting for the Translational Liver Cancer (TLC) Consortium. Baylor College of Medicine, Houston, TX. February 21, 2020.
29. Liu H, de Groen P, **Bernstam EV,** Johnson A. Panel discussion presented at: The 2<sup>nd</sup> Clinical NLP workshop at NAACL 2019. Minneapolis, MN. June 7, 2019.
30. **Bernstam EV.** Informatics support for precision medicine. The 29<sup>th</sup> Annual Edward C. Hinds Symposium on Contemporary Oral and Maxillofacial Surgery, Houston, TX. April 26-7, 2019.
31. Hale P, **Bernstam EV,** Pandita D. Hot Topics in Medical Informatics: Technology Trends Shaping Medicine. Panel presented at the ACP Internal Medicine Meeting 2019, Philadelphia, PA. April 13, 2019.

32. **Bernstam EV.** Reuse of routinely-collected clinical data for research and quality improvement. Rice Data Science Conference, Houston, TX. October 8, 2018.
33. **Bernstam EV.** Informatics support for precision medicine. University of Nebraska Medical Center. Omaha, NE. July 9, 2018.
34. **Bernstam EV.** Informatics support for precision medicine. Gordon Research Conference: Genetic Variation and Human Disease. Biddeford, ME. June 13, 2018.
35. **Bernstam EV.** Precision oncology from an informatics perspective. West Virginia University Cancer Center. Morgantown, WV. April 25, 2018.
36. Hale PL (moderator), **Bernstam EV.** Looking towards 2020: New care delivery models enabled by existing and near future technology. Panel presented at the ACP Internal Medicine 2018 meeting. New Orleans, LA. April 19, 2018.
37. **Bernstam EV (moderator)**, Barr MS, Washington BV. What physicians really need from EHRs to be successful in a value-based world. Panel presented at the ACP Internal Medicine 2018 meeting. New Orleans, LA. April 21, 2018.
38. **Bernstam EV.** What is big data and what do I do with it? Department of Otolaryngology Grand Rounds. UTHealth, Houston, TX. October 26, 2017.
39. **Bernstam EV.** Precision medicine from an informatics perspective. NLM Georgia Biomedical Informatics Course. Young Harris, GA. September 12, 2017.
40. **Bernstam EV.** The Challenges of clinical documentation in the 21<sup>st</sup> century. Presented at the American Society of Clinical Oncology Annual Meeting. Chicago, IL. June 2-6, 2017. Also published in: Patt DA, **Bernstam EV**, Mandel JC, Kreda DA, Warner JL. More Medicine, Fewer Clicks: How Informatics Can Actually Help Your Practice. ASCO 2017 educational book. DOI: 10.14694/EDBK\_174891.
41. Jermaine CM, Allen G, **Bernstam EV**, Lichtarge O, Parthasarathy S, Rodon Ahnert J, Sun J, Wallace B. Data Mining, Clinical Medicine, and Medical Research: The Current State and Future of the Nexus. Panel presented at the 2017 Society for Industrial and Applied Mathematics Internal Conference on Data Mining. Houston, TX. April 27-29, 2017.
42. **Bernstam EV.** Precision medicine from an informatics perspective. NLM Georgia Biomedical Informatics Course. Young Harris, GA. April 7, 2017.
43. Rajput ZA, **Bernstam EV**, Weiner MG. What physicians really need from EHRs to be successful in a value-based world. Panel presented at the American College of Physicians Internal Medicine meeting, San Diego, CA. April 1, 2017.
44. Richesson RL, Payne PRO, **Bernstam EV**, Chute CG, Meric-Bernstam F. ACMI panel on open data. ACMI 2017 Winter Symposium, Duck Key, FL. February 3-5, 2017.
45. **Bernstam EV.** Big [clinical] data in health care. Presented at the UT School of Biomedical Informatics Research Seminar, Houston, TX. October 14, 2016.
46. **Bernstam EV**, Meric-Bernstam F. Informatics for routine personalized cancer therapy. Presented at the Information Technology for Cancer Research (ITCR) principal investigator meeting. Broad Institute, Boston, MA. June 13-4, 2016.

47. Fathiamini S, Johnson AM, Zeng J, Araya A, Holla V, Bailey AM, Litzenger BC, Sanchez NS, Khotskaya Y, Xu H, Meric-Bernstam F, **Bernstam EV**, Cohen T. Automated Identification of Molecular Effects of Drugs (AIMED). Poster presented at the Information Technology for Cancer Research (ITCR) principal investigator meeting. Broad Institute, Boston, MA. June 13-4, 2016.
48. Frey LJ, **Bernstam EV**, Denny JC. Precision medicine informatics. *J Am Med Inform Assoc.* 2016 Jul;23(4):668-70.
49. **Bernstam EV**. Precision oncology informatics. 12th Annual Tucson Symposium, March 8 – 9, 2016, Tucson, AZ.
50. **Bernstam EV**. Big Data: Clinical data warehousing at UTHealth. School of Information, September 22, 2015, The University of Texas at Austin, TX.
51. **Bernstam EV**. Big Data: Clinical data warehousing at UTHealth. Presented at the UTHealth Committee for the Protection of Human Subjects (CPHS) retreat, April 21, 2015, The University of Texas Health Science Center at Houston, TX.
52. **Bernstam EV**. Why is biomedical informatics hard? Presented at the Big Data: Shaping the future of healthcare delivery. Rice University Jones Business School, October 1, 2014, Houston, TX.
53. **Bernstam EV**. Biomedical informatics in clinical and translational research: challenges and opportunities. Presented at the Department of Psychiatry Grand Rounds, September 10, 2014, The University of Texas Health Science Center at Houston, TX.
54. **Bernstam EV**. Reuse of clinical data for research and quality improvement. Presented at the XXIII Congreso Colombiano de Medicina Interna, August 7, 2014, Cartagena, Colombia.
55. **Bernstam EV**. Clinical informatics fellowship. Presented at the XXIII Congreso Colombiano de Medicina Interna, August 7, 2014, Cartagena, Colombia.
56. **Bernstam EV**. Biomedical informatics in clinical and translational research: challenges and opportunities. Presented at the University of North Texas Health Science Center, Ft. Worth, TX, May 1, 2014.
57. **Bernstam EV**. Data use, reuse, stewardship and governance in a patient-centered care model. Presented at the AMIA 2013 Policy Meeting, December 18-19, 2013, Washington DC.
58. **Bernstam EV**, Chen K, Xu H, Meric-Bernstam F. Informatics infrastructure for routine personalized cancer therapy. Panel presented at the AMIA Fall Symposium 2013, November 16-20, 2013, Washington DC.
59. **Bernstam EV**. Reuse of Clinical Data. May 17, 2013, Puerto Rico Clinical and Translational Research Consortium, University of Puerto Rico Medical Sciences Campus, San Juan, PR.
60. **Bernstam EV**. Reuse of Clinical Data. April 16, 2013, Center for Clinical and Translational Science and Training (CCTST), University of Cincinnati and Cincinnati Children's Hospital, Cincinnati, OH.
61. **Bernstam EV**. The role of health informatics in improving the quality and safety of health care (Workshop). December 13, 2012, Kelsey-Seybold Research Foundation for Medical Research & Education Conference, Houston, TX.

62. **Bernstam EV.** Reuse of clinical data *C. difficile* surveillance and tracking. December 4, 2012, Conference on Clostridium difficile Infection (CDI). Moody Gardens, Galveston, TX.
63. **Bernstam EV.** Reuse of Clinical Data for Research and Quality Improvement. October 29, 2012, Department of Computational Medicine and Bioinformatics Seminar, University of Michigan, Ann Arbor, MI.
64. **Bernstam EV.** Clinical data reuse: the UTHHealth experience. October 23, 2012, Linguamatics Summit, Newport, RI.
65. **Bernstam EV.** Clinical data reuse. September 21, 2012, Keck Center Seminar, Gulf Coast Consortia for Quantitative Biomedical Sciences, Houston, TX.
66. **Bernstam EV.** Biomedical Informatics at the Center for Clinical and Translational Sciences at UT Health: program status and lessons learned. September 12, 2012, Changing Patient Lives: Translational Research in the Lone Star State (Presented by the Texas Society for Biomedical Research), Austin, TX.
67. **Bernstam EV.** The role of health informatics in improving the quality and safety of health care. Texas Children's Advanced Quality Improvement course. July 20, 2012, Houston, TX.
68. **Bernstam EV.** Re-use of clinical data. Computational and Integrative Biomedical Research (CIBR) Center, Baylor College of Medicine, May 16, 2012, Houston, TX.
69. **Bernstam EV.** UT-Houston's CTSA Biomedical informatics program: Status and lessons learned. February 3, 2012, University of Texas Health Science Center at Houston, Institute for Molecular Medicine, Houston, TX.
70. **Bernstam EV.** E-Science: Introduction to e-Science seminar series. February 1, 2012, Rice University, Houston, TX.
71. **Bernstam EV.** CTSA Biomedical informatics program at UT-Health: Status and lessons learned. May 10, 2011, University of Kentucky, Lexington, KY.
72. Cimino J, Murphy SN, Ohno-Machado L, **Bernstam EV**, Bellazzi R, Tarczy-Hornoch P. ACMI Bridge Panel: Integrating Genomic and Clinical Data in Electronic Health Records and Biomedical Repositories: Challenges, Solutions and Opportunities. Panel presented at the AMIA Translational Bioinformatics and Clinical Research Informatics Summit 2011, March 9, 2011, San Francisco, CA.
73. **Bernstam EV**, Johnson TR, Strasberg HR, Hersh WR. Personalized medicine requires personalized decision support. Panel presented at the AMIA Clinical Research Informatics Summit 2011, March 9-11, 2011, San Francisco, CA.
74. **Bernstam EV.** The role of health informatics in improving the quality and safety of health care (Workshop). Kelsey-Seybold Research Foundation for Medical Research & Education Conference. December 9, 2010, Houston, TX.
75. **Bernstam EV.** Biomedical informatics in clinical and translational research. Asociación Colombiana de Hematología y Oncología (ACHO) National Meeting: Standards and trends in the treatment of cancer and hematologic disease. Armenia, Colombia, November 11-4, 2010.
76. **Bernstam EV.** CTSA Biomedical informatics program at UT-Health: Status and lessons learned. August 20, 2010, Dartmouth Medical Center, Hanover, NH.

77. **Bernstam EV.** The role of health informatics in improving the quality and safety of health care (Workshop). Kelsey-Seybold Research Foundation for Medical Research & Education Conference. December 2, 2009, Houston, TX.
78. **Bernstam EV.** UT-Houston's CTSA Biomedical Informatics Program: Status and Lessons Learned. Department of Medical Informatics and Clinical Epidemiology, Oregon Health and Science University. October 15, 2009, Portland, OR.
79. **Bernstam EV, Johnson TR.** Why Health IT doesn't work. Bridge (National Academy of Engineering), 39:4, Winter 2009.
80. Payne PRO, Murphy S, Embi PJ, Weiner MG, **Bernstam EV.** Advancing Integration Between the Biomedical Informatics and Clinical and Translational Science Communities. Panel presented at the AMIA Fall Symposium 2009, November 14-8, 2009, San Francisco, CA.
81. **Bernstam EV.** Why Health IT doesn't work. Invited paper and presentation. National Academy of Engineering, Frontiers of Engineering Conference. September 10-12, 2009. Irvine, CA.
82. **Bernstam EV.** Challenges in Integrating Clinical and Biological Data. AMIA Translational Biomedical Informatics Summit 2009, March 15-7, 2009, San Francisco, CA.
83. **Bernstam EV.** Finding cancer information online, what can we tell our patients? Cancer2008 (Colombian National Cancer Meeting) October 31 – November 2, 2008, Cali, Colombia.
84. **Bernstam EV.** Informatics within CTSA programs. July 11, 2008, The University of Texas Health Science Center at San Antonio, San Antonio, TX.
85. **Bernstam EV.** Information challenges to personalized medicine. Pathways to Personalized Medicine: Rate-limiting Factors in Delivering the Promise. June 14, 2008, Houston, TX.
86. **Bernstam EV.** Electronic medical records in clinical research. North American Spine Society 22<sup>nd</sup> Annual Meeting Pre-meeting course: Conducting Clinical Research in Spine: Information for Study Coordinators. October 23, 2007, Austin, TX.
87. **Bernstam EV, Meric-Bernstam F, Johnson-Throop K, Turley JP, Smith JW.** Panel: Translational Research Informatics. Medinfo 2007, August 20-4, 2007, Brisbane, Australia.
88. **Bernstam EV.** Biomedical informatics at the Center for Clinical and Translational Sciences. Duke Clinical Research Institute (DCRI), June 20, 2007, Durham, NC.
89. **Bernstam EV, Smith JW.** Translational biomedical informatics at the University of Texas Health Science Center at Houston and M.D. Anderson Cancer Center. HSEMB 2007, 24th Annual Meeting 8-9 February 2007. Houston, TX.
90. **Bernstam EV.** Consumer health information on the Internet: whose problem is it? W. M. Keck Center Symposium. January 13, 2006. Houston, TX.
91. **Bernstam EV.** Show me the money! Identifying potential funding sources. Robert Wood Johnson Foundation, Health-e-Technologies Initiative Grantee meeting. December 6-8, 2005. Atlanta, GA.

92. **Bernstam EV**, Strasberg HR, McKibbon KA and Aphinyanaphongs Y. Clinical knowledge: moving beyond relevance to importance. Panel presented at the AMIA Fall Symposium 2005, October 25, 2005, Washington, DC.
93. **Bernstam EV**. Using citation data to improve retrieval from Medline. Invited podium presentation, UT-HSC at Houston Research Day. November 19, 2004. Houston, TX. [One of 10 podium presentations selected from UTHSC-H faculty]
94. **Bernstam EV**. Validation of Quality Criteria for Health Information on the World Wide Web. Robert Wood Johnson Foundation, Health-e-Technologies Initiative Grantee meeting. October 5-8, 2004. Boston, MA.
95. **Bernstam EV**. Consumer informatics research at the Texas Medical Center. IMIA Consumer Informatics Working Group invited presentation. September 8, 2004. San Francisco, CA.
96. **Bernstam EV**, Meric-Bernstam F. Evaluating the quality of health information on the Web. Robert Wood Johnson Foundation, Health-E-Technologies Initiative. Health-e-Bytes, Spring 2004 edition. Available at: [http://www.hetinitiative.org/sub-resources/health\\_e-bytes/20040503-health\\_e-bytes.html](http://www.hetinitiative.org/sub-resources/health_e-bytes/20040503-health_e-bytes.html)
97. **Bernstam EV**. Medline QBE (Query-by-Example) Invited Research Seminar. Department of Biomedical Informatics, Vanderbilt University. April 28, 2004. Nashville, TN.
98. **Bernstam EV**. Consumer Informatics. Invited presentation. Cardeo Conference. February 13, 2004. Houston, TX.
99. **Bernstam EV**. Validation of Quality Criteria for Health Information on the World Wide Web. Robert Wood Johnson Foundation, Health-e-Technologies Initiative Grantee meeting. September 30 – October 2, 2003. San Francisco, CA.
100. **Bernstam EV**. Biomedical Informatics. May 14, 2003. SAP Labs North America, Palo Alto, CA.
101. Meric F, **Bernstam EV**. Breast cancer on the World Wide Web. *Breast Diseases, A Yearbook Quarterly* (2003), 14:1, pp. 20-3.
102. **Bernstam EV**. Chronic Cough in Immunocompetent Adults. *MD Vista Journal of Medicine*. <http://www.mdvista.com>, 2001.
103. Elkin P, Peleg M, Lacson R, **Bernstam E**, Tu S, Boxwala A, Greenes R, Shortliffe EH. Toward the Standardization of Electronic Guidelines. (2000) *MD Computing*, 17:6, pp. 39-44.

## OTHER PUBLICATIONS AND PRESENTATIONS

1. Araya A, Shukwit B, Kirchhof K, Decaro M, Applegate RJ, Plascencia R, Kudlicki A, Symons A, Johnson TR, **Bernstam EV**. Deduplication vs Dataset Integration: Identity Management Across Health Systems. Poster presented at the Greater Plains Collaborative (GPC) Learning Engagement Conference (LEC). October 8, 2025, Kansas City, MO.
2. Araya A, Shukwit B, Kirchhof K, Decaro M, Applegate RJ, **Bernstam EV**, Johnson TR. Data Quality – Beyond the EDC Blue Checks. Poster presented at the Greater Plains Collaborative (GPC) Learning Engagement Conference (LEC). August 26-27, 2024, Kansas City, MO.
3. Kumar A, Desai I, Roberts K, **Bernstam E**. Clinical Information Extraction Using Llama. Poster presented at the Texas Medical Center AI Symposium, February 20, 2024, Houston, TX.
4. **Bernstam EV**, Decaro M, Araya A, Ashraf F, Applegate RJ, Shukwit B, Meric-Bernstam F, Chat JT, Zheng WJ, McBride S, Berry J, McPherson DD, Zhang J. Overview of Biomedical Informatics at the Houston CTSA. Poster presented at the Texas Regional CTSA Consortium (TRCC) Meeting, October 4, 2023, Houston, TX.
5. Desai I, Kumar A, **Bernstam E**. Leveraging Multi-Modality Models for Scanned Document Classification in Electronic Health Records. Poster presented at the 2023 AI in Health Conference, October 10-11, 2023, Houston, TX.
6. Addanki H, Cohen AS, Araya A, Li J, Savitz S, **Bernstam EV**. Natural Language Processing to Detect Bleeding in Radiology Reports. Poster presented at the 2022 Summer Research Program Poster Session, McGovern Medical School, The University of Texas health Science Center at Houston, October 25, 2022
7. **Bernstam EV**. Workshop Chair: Artificial Intelligence (AI) and Machine Learning (ML) in Clinical Research and Presentation: Data for AI-enabled clinical and translational research. A Collaborative Workshop Sponsored by the Medical School Research Committee. Presented virtually, November 10, 2021.
8. **Bernstam EV**, Guerrero GC, Ashraf F, Sridhar S, Edmonds C, Solis CF, Zhang J, McPherson DD. Lowering the regulatory barrier to clinical data reuse for research and quality improvement. Virtual poster 2020 Fall Virtual CTSA Program Meeting, November 17-20, 2020.  
<https://clic-ctsa.org/posters/lowering-regulatory-barriers-clinical-data-reuse-research-and-quality-improvement>, accessed November 6, 2020.
9. Karp DD, Meric-Bernstam, F, **Bernstam EV**, Williams M, Merriman K, Zwelling R, Bronicki J, Janku F. The KISMET Project in precision oncology: Knowing Individual Significant Mutations Enabling Treatment. No patient left behind. Virtual poster 2020 Fall Virtual CTSA Program Meeting, November 17-20, 2020.
10. Iqbal R, **Bernstam EV**, Chen K. Breast cancer phenotyping with semantic knowledge graphs. Poster presented at the National Library of Medicine Annual Trainee Conference. Indianapolis, IN. June 24-5, 2019. [Won best poster award]
11. **Bernstam EV**. Healio: In the Journals Perspective. Comment on: EHR tools improve screening rates, but are not universally used. Available at:  
<https://www.healio.com/family-medicine/practice-management/news/online/%7Bd552b2c8-2563-497a-83c4-2d41c42faa51%7D/ehr-tools-improve-screening-rates-but-not-universally-used#perspective>; Posted and accessed October 22, 2018.

12. Holla VR, Zeng J, Bailey AM, Johnson A, Sanchez NS, Khotskaya Y, Litzenger B, Shufean A, Simpson AL, Kahle MP, Yang D, Routbort M, Rodon JA, Yap TA, **Bernstam EV**, Mills GB, Mendelsohn J, Shaw KR, Meric-Bernstam F. Precision oncology decision support core – a high quality, comprehensive clinical research support system. Poster Presented at the 2017 CPRIT meeting. Austin, TX. November 14, 2017.
13. Bettati FD, Tan Z, Choi YJ, Franklin A, Joffe E, **Bernstam EV**. An eye tracking system for monitoring expert reading clinical notes. Poster presented at the 2013 CPRIT Summer Undergraduate Program in Computational Cancer Biology Training Program Symposium, Houston TX, August 2, 2013.
14. Pettigrew EJ, Joffe E, Herskovic HR, **Bernstam EV**. Expert-guided natural language processing using one class support vector machines. Poster presented at the 2013 CPRIT Summer Undergraduate Program in Computational Cancer Biology Training Program Symposium, Houston TX, August 2, 2013.
15. Arora S, Plaisant C, Shneiderman B, Markowitz E, **Bernstam EV**, Herskovic J, Zhang J, Johnson TR, et al. Electronic Health Record Interfaces: Improving Medication Reconciliation. The Proceedings of the 28th Annual Human Computer Interaction Lab Symposium. The University of Maryland, Baltimore, MD, May 24th-27th, 2011.
16. Reeder P, Russell J, Phan J, Mark J, Weems WA, **Bernstam EV**. Federated access to i2b2 using Shibboleth authentication. Presented at the i2b2 Meeting, Boston, MA, June 28-30, 2011.
17. Reeder P, Weems WA, **Bernstam EV**. Electronic consent and consent management for research. Presented at the NCR Clinical and Translational Science Award “All Hands” Meeting, Bethesda, MD, Oct 28-30, 2009.
18. Herskovic JR, **Bernstam EV**. Simplifying a tough job: indexing the biomedical literature automatically. UTH 13th Annual Research Day 2007, Houston, TX.
19. Willcockson IU, Bozzo P, Herskovic JR, **Bernstam EV**. Improving chat in an online graduate class. Presented at the Advances in Learning and Teaching Day 2007. Houston, TX. May 17, 2007.
20. Herskovic JR, **Bernstam EV**. Applying Citation Analysis to PubMed for Improved Information Retrieval. UTH 11th Annual Research Day 2005, Houston, TX.
21. Walji M, Johnson-Throop K, Johnson T, **Bernstam E**, Zhang J. Persuasive Email Messages for Patient Communication. Keck Center 15th Annual Research Conference. 2005 Oct 6-7. Houston, TX.
22. Herskovic JR, **Bernstam EV**. Applying Citation Analysis to PubMed for Improved Information Retrieval. Keck Center 15th Annual Research Conference. 2005 Oct 6-7. Houston, TX.
23. Walji M, **Bernstam EV**. Learning the hard way: barriers to consumer health education on the internet. Presented at the Advances in Learning and Teaching Day 2005. Houston, TX. May 10, 2005.
24. Walji M, Johnson-Throop K, Johnson T, **Bernstam E**, Zhang J. Enhancing Adherence in Healthcare through Persuasive Messages. Human Factors and Ergonomics Society Houston Chapter Annual Conference, May 6, 2005.

25. Walji M, Sagaram S, Meric-Bernstam F, Johnson C, **Bernstam E**. Cancer-related Complementary and Alternative Medicine Online: Factors Affecting Information Retrieval. UTH 10th Annual Research Day November 2004, Houston, TX.
26. Herskovic JR, **Bernstam EV**. Automated literature compilations via citation analysis. UTH 10th Annual Research Day November 2004, Houston, TX.
27. Tang Z, Zhang J, Johnson TR, **Bernstam E**, & Tindall D. (2004). The Use of Usability Heuristics in the Evaluation of a Digital EMS System. 2004 Human Factors & Ergonomics Society Houston Chapter Conference, Houston, April 23, 2004.
28. Sagaram S, Walji M, Meric Bernstam F, Johnson C, **Bernstam E**. Quality measures of online health information: Inter-observer agreement. UTH Research Day November 2003, Houston, TX.
29. Walji M, Sagaram S, Sagaram D, Meric Bernstam F, Johnson C, Mirza N, **Bernstam E**. Efficacy of quality criteria to screen out potentially harmful information: A Cross-sectional Survey of Complementary and Alternative Medicine Websites. UTH Research Day November 2003, Houston, TX.
30. Zhang J, Johnson TR, Tang Z, **Bernstam E**, Sailors M, & Tindall D. (2002). Usability evaluation of a digital medical information system. UTH Research Day, November 1, 2002.
31. **Bernstam EV**, Smith JW. Clinical practice guidelines as educational tools: Knowledge dissemination in clinical medicine. Presented at the Advances in Learning and Teaching Day 2002. Houston, TX. February 14, 2002.
32. **Bernstam EV**, Craig CP, Rader K, Mazzeo R. Liver abscess with foreign body as a cause of fever of unknown origin, case report and literature review. American College of Physicians, Michigan Chapter, Abstract. Traverse City, MI. September 1997.
33. Deininger RA, Lai KL, **Bernstam EV**, Mieske H, Sanford L, Skadsen J, Clark R, Rossman L. (1993) Am. Water Works Assn Proceedings of Annual Conference. June 6 - 10, 1993. San Antonio, TX. p. 75 – 82.
34. Deininger RA, Lee BH, **Bernstam EV**, Slawewski T. (1990) NATO advanced Research Workshop on Computer-Aided Support Systems for Water Resources Research and Management. September 23-28, 1990. Lisbon, Portugal.